

Appendix C

Air Quality

Appendix C.1

Air Quality Calculations

APPENDIX C.1

Air Quality Calculations

Criteria Pollutant Emissions. CalEEMod (version 2013.2.2) was used to calculate construction and operational criteria pollutant emissions. In addition, the CALINE-4 model was used to estimate carbon monoxide concentrations at the most congested intersections. The following sub-sections are included in this Appendix below:

1. CalEEMod Model Construction and Operation Results – Summer, Annual– Land Uses/Energy, Transportation Adjusted Trip Rates and Lengths to Match Traffic Study
2. CALINE-4 Outputs
3. AEDT Output
4. Generator and Boiler Emissions Calculations

1. CalEEMod Output

KPMC - Construction & Operations Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	1,228.00	1000sqft	28.19	1,228,000.00	0
Unenclosed Parking Structure	2,160.00	Space	19.44	864,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Permanente, 2015. Kaiser Dublin Construction Assumptions

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment -

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment -

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment - Used CalEEMod construction equipment defaults

Trips and VMT -

Grading -

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates and VMT were provided by F&P

Area Coating -

Energy Use - Adjusted energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	55.00	48.00
tblConstructionPhase	NumDays	55.00	50.00
tblConstructionPhase	NumDays	740.00	760.00
tblConstructionPhase	NumDays	740.00	759.00
tblConstructionPhase	NumDays	75.00	74.00
tblConstructionPhase	NumDays	55.00	50.00
tblConstructionPhase	NumDays	55.00	48.00
tblConstructionPhase	NumDays	30.00	3.00
tblConstructionPhase	NumDays	30.00	23.00

tblConstructionPhase	PhaseEndDate	8/24/2035	8/26/2035
tblConstructionPhase	PhaseEndDate	7/18/2018	8/17/2018
tblConstructionPhase	PhaseEndDate	5/14/2032	5/15/2032
tblConstructionPhase	PhaseEndDate	1/5/2022	2/2/2032
tblConstructionPhase	PhaseStartDate	9/25/2021	9/27/2021
tblConstructionPhase	PhaseStartDate	8/18/2018	8/20/2018
tblConstructionPhase	PhaseStartDate	4/5/2018	5/7/2018
tblConstructionPhase	PhaseStartDate	7/17/2021	7/19/2021
tblConstructionPhase	PhaseStartDate	12/4/2021	1/1/2032
tblEnergyUse	T24E	9.62	7.22
tblEnergyUse	T24NG	58.20	43.65
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	WorkerTripNumber	20.00	15.00
tblVehicleTrips	CC_TL	5.00	4.00
tblVehicleTrips	CNW_TL	6.50	5.20
tblVehicleTrips	CW_TL	10.00	8.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	ST_TR	10.18	24.69
tblVehicleTrips	SU_TR	8.91	24.69
tblVehicleTrips	WD_TR	16.50	24.69

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					
2018	0.5870	4.6474	5.9592	0.0103	0.7171	0.1987	0.9158	0.2486	0.1842	0.4329	0.0000	853.5642	853.5642	0.1084	0.0000	855.8403
2019	0.9315	5.7752	11.0369	0.0214	0.9799	0.2153	1.1953	0.2657	0.2015	0.4672	0.0000	1,680.8525	1,680.8525	0.1073	0.0000	1,683.1062
2020	0.8283	5.1603	10.3644	0.0215	0.9838	0.1890	1.1728	0.2668	0.1769	0.4436	0.0000	1,641.5673	1,641.5673	0.1050	0.0000	1,643.7729
2021	14.9988	2.8001	5.8422	0.0125	0.5599	0.1078	0.6677	0.1517	0.1007	0.2524	0.0000	956.3338	956.3338	0.0727	0.0000	957.8607
2032	0.7947	3.6657	10.6209	0.0295	2.8354	0.0949	2.9302	0.8459	0.0911	0.9371	0.0000	2,223.7871	2,223.7871	0.0555	0.0000	2,224.9523
2033	0.9239	4.3084	13.8443	0.0397	3.5701	0.0939	3.6640	0.9268	0.0880	1.0148	0.0000	2,887.9953	2,887.9953	0.0607	0.0000	2,889.2696
2034	0.9149	4.2911	13.7613	0.0397	3.5702	0.0940	3.6642	0.9268	0.0881	1.0149	0.0000	2,886.3715	2,886.3715	0.0602	0.0000	2,887.6363
2035	14.8343	1.3285	4.3821	0.0124	1.0526	0.0295	1.0821	0.2734	0.0278	0.3012	0.0000	905.3257	905.3257	0.0199	0.0000	905.7442
Total	34.8134	31.9767	75.8113	0.1869	14.2690	1.0230	15.2920	3.9057	0.9584	4.8641	0.0000	14,035.7974	14,035.7974	0.5898	0.0000	14,048.1824

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	9.6287	3.9000e-004	0.0430	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0841	0.0841	2.2000e-004	0.0000	0.0886
Energy	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	10,224.3242	10,224.3242	0.3977	0.1324	10,273.7307
Mobile	9.8213	18.0386	99.9025	0.4009	28.0482	0.4384	28.4867	7.5153	0.4050	7.9203	0.0000	25,512.9503	25,512.9503	0.7072	0.0000	25,527.8023
Waste						0.0000	0.0000		0.0000	0.0000	2,692.1474	0.0000	2,692.1474	159.1014	0.0000	6,033.2757
Water						0.0000	0.0000		0.0000	0.0000	54.5173	233.0841	287.6014	0.1991	0.1209	329.2696
Total	19.8027	21.2451	102.6386	0.4202	28.0482	0.6823	28.7305	7.5153	0.6488	8.1641	2,746.6647	35,970.4427	38,717.1073	160.4056	0.2534	42,164.1670

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	9.6287	3.9000e-004	0.0430	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0841	0.0841	2.2000e-004	0.0000	0.0886
Energy	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	10,224.3242	10,224.3242	0.3977	0.1324	10,273.7307
Mobile	9.8213	18.0386	99.9025	0.4009	28.0482	0.4384	28.4867	7.5153	0.4050	7.9203	0.0000	25,512.9503	25,512.9503	0.7072	0.0000	25,527.8023
Waste						0.0000	0.0000		0.0000	0.0000	2,692.1474	0.0000	2,692.1474	159.1014	0.0000	6,033.2757
Water						0.0000	0.0000		0.0000	0.0000	54.5173	233.0841	287.6014	0.1998	0.1211	329.3305
Total	19.8027	21.2451	102.6386	0.4202	28.0482	0.6823	28.7305	7.5153	0.6488	8.1641	2,746.6647	35,970.4427	38,717.1073	160.4063	0.2535	42,164.2279

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Prep - Phase 1	Site Preparation	4/2/2018	4/4/2018	5	3	
2	Grading - Phase 1	Grading	5/7/2018	8/17/2018	5	75	
3	Building Construcion - Phase 1	Building Construction	8/20/2018	7/16/2021	5	760	
4	Paving - Phase 1	Paving	7/19/2021	9/24/2021	5	50	
5	ArcCoating - Phase 1	Architectural Coating	9/27/2021	12/3/2021	5	50	
6	Site Prep - Phase 2	Site Preparation	1/1/2032	2/2/2032	5	23	
7	Grading - Phase 2	Grading	2/3/2032	5/15/2032	5	74	
8	Building Construction - Phase 2	Building Construction	5/16/2032	4/12/2035	5	759	
9	Paving - Phase 2	Paving	4/13/2035	6/19/2035	5	48	
10	ArcCoating - Phase 2	Architectural Coating	6/20/2035	8/26/2035	5	48	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,138,000; Non-Residential Outdoor: 1,046,000 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Prep - Phase 1	Rubber Tired Dozers	3	8.00	255	0.40
Site Prep - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Phase 1	Excavators	2	8.00	162	0.38
Grading - Phase 1	Graders	1	8.00	174	0.41
Grading - Phase 1	Rubber Tired Dozers	1	8.00	255	0.40
Grading - Phase 1	Scrapers	2	8.00	361	0.48
Grading - Phase 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Building Construciton - Phase 1	Cranes	1	7.00	226	0.29
Building Construciton - Phase 1	Forklifts	3	8.00	89	0.20
Building Construciton - Phase 1	Generator Sets	1	8.00	84	0.74
Building Construciton - Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construciton - Phase 1	Welders	1	8.00	46	0.45
Paving - Phase 1	Pavers	2	8.00	125	0.42
Paving - Phase 1	Paving Equipment	2	8.00	130	0.36
Paving - Phase 1	Rollers	2	8.00	80	0.38
ArcCoating - Phase 1	Air Compressors	1	6.00	78	0.48
Site Prep - Phase 2	Rubber Tired Dozers	3	8.00	255	0.40
Site Prep - Phase 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Phase 2	Excavators	2	8.00	162	0.38
Grading - Phase 2	Graders	1	8.00	174	0.41
Grading - Phase 2	Pavers	2	8.00	125	0.42
Grading - Phase 2	Paving Equipment	2	8.00	130	0.36
Grading - Phase 2	Rollers	2	8.00	80	0.38
Grading - Phase 2	Rubber Tired Dozers	1	8.00	255	0.40
Grading - Phase 2	Scrapers	2	8.00	361	0.48
Grading - Phase 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Phase 2	Cranes	1	7.00	226	0.29
Building Construction - Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 2	Welders	1	8.00	46	0.45
Paving - Phase 2	Pavers	2	8.00	125	0.42
Paving - Phase 2	Paving Equipment	2	8.00	130	0.36
Paving - Phase 2	Rollers	2	8.00	80	0.38
ArcCoating - Phase 2	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 Prep - Phase 1	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 1	8	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Constructon - Phase 1	9	756.00	343.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
ArcCoating - Phase 1	1	151.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Prep - Phase 2	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Prep - Phase 2	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	14	35.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	14	35.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	756.00	343.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	756.00	343.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
ArcCoating - Phase 2	1	151.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 Site Prep - Phase 1 - 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					
Fugitive Dust					0.0271	0.0000	0.0271	0.0149	0.0000	0.0149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4400e-003	0.0684	0.0544	6.0000e-005		3.5500e-003	3.5500e-003		3.2600e-003	3.2600e-003	0.0000	5.3612	5.3612	1.6700e-003	0.0000	5.3962
Total	6.4400e-003	0.0684	0.0544	6.0000e-005	0.0271	3.5500e-003	0.0307	0.0149	3.2600e-003	0.0182	0.0000	5.3612	5.3612	1.6700e-003	0.0000	5.3962

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.0000e-005	9.0000e-005	9.1000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1636	0.1636	1.0000e-005	0.0000	0.1637
Total	7.0000e-005	9.0000e-005	9.1000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1636	0.1636	1.0000e-005	0.0000	0.1637

3.2 Site Prep - Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0122	0.0000	0.0122	6.7000e-003	0.0000	6.7000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4400e-003	0.0551	0.0544	6.0000e-005		3.5500e-003	3.5500e-003		3.2600e-003	3.2600e-003	0.0000	5.3612	5.3612	1.6700e-003	0.0000	5.3962
Total	6.4400e-003	0.0551	0.0544	6.0000e-005	0.0122	3.5500e-003	0.0157	6.7000e-003	3.2600e-003	9.9600e-003	0.0000	5.3612	5.3612	1.6700e-003	0.0000	5.3962

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.0000e-005	9.0000e-005	9.1000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1636	0.1636	1.0000e-005	0.0000	0.1637
Total	7.0000e-005	9.0000e-005	9.1000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1636	0.1636	1.0000e-005	0.0000	0.1637

3.3 Grading - Phase 1 - 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					
Fugitive Dust					0.3253	0.0000	0.3253	0.1349	0.0000	0.1349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1984	2.2325	1.5865	2.3100e-003		0.1046	0.1046		0.0962	0.0962	0.0000	211.3560	211.3560	0.0658	0.0000	212.7378
Total	0.1984	2.2325	1.5865	2.3100e-003	0.3253	0.1046	0.4298	0.1349	0.0962	0.2311	0.0000	211.3560	211.3560	0.0658	0.0000	212.7378

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4900e-003	1.8100e-003	0.0189	5.0000e-005	4.1300e-003	3.0000e-005	4.1600e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.4072	3.4072	1.7000e-004	0.0000	3.4107
Total	1.4900e-003	1.8100e-003	0.0189	5.0000e-005	4.1300e-003	3.0000e-005	4.1600e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.4072	3.4072	1.7000e-004	0.0000	3.4107

3.3 Grading - Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1464	0.0000	0.1464	0.0607	0.0000	0.0607	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1984	1.7908	1.5865	2.3100e-003		0.1046	0.1046		0.0962	0.0962	0.0000	211.3558	211.3558	0.0658	0.0000	212.7376
Total	0.1984	1.7908	1.5865	2.3100e-003	0.1464	0.1046	0.2509	0.0607	0.0962	0.1569	0.0000	211.3558	211.3558	0.0658	0.0000	212.7376

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4900e-003	1.8100e-003	0.0189	5.0000e-005	4.1300e-003	3.0000e-005	4.1600e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.4072	3.4072	1.7000e-004	0.0000	3.4107
Total	1.4900e-003	1.8100e-003	0.0189	5.0000e-005	4.1300e-003	3.0000e-005	4.1600e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.4072	3.4072	1.7000e-004	0.0000	3.4107

3.4 Building Constructon - Phase 1 - 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	0.1281	1.1165	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6495	113.6495	0.0278	0.0000	114.2335
Total	0.1281	1.1165	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6495	113.6495	0.0278	0.0000	114.2335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1563	1.1114	2.2375	3.4200e-003	0.0939	0.0169	0.1108	0.0268	0.0155	0.0424	0.0000	299.8201	299.8201	2.2600e-003	0.0000	299.8676
Worker	0.0963	0.1166	1.2195	3.1900e-003	0.2665	1.9200e-003	0.2684	0.0709	1.7800e-003	0.0727	0.0000	219.8067	219.8067	0.0107	0.0000	220.0308
Total	0.2526	1.2281	3.4570	6.6100e-003	0.3604	0.0188	0.3792	0.0977	0.0173	0.1150	0.0000	519.6268	519.6268	0.0129	0.0000	519.8984

3.4 Building Construciton - Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1281	0.9012	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6493	113.6493	0.0278	0.0000	114.2334
Total	0.1281	0.9012	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6493	113.6493	0.0278	0.0000	114.2334

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1563	1.1114	2.2375	3.4200e-003	0.0939	0.0169	0.1108	0.0268	0.0155	0.0424	0.0000	299.8201	299.8201	2.2600e-003	0.0000	299.8676
Worker	0.0963	0.1166	1.2195	3.1900e-003	0.2665	1.9200e-003	0.2684	0.0709	1.7800e-003	0.0727	0.0000	219.8067	219.8067	0.0107	0.0000	220.0308
Total	0.2526	1.2281	3.4570	6.6100e-003	0.3604	0.0188	0.3792	0.0977	0.0173	0.1150	0.0000	519.6268	519.6268	0.0129	0.0000	519.8984

3.4 Building Constructon - Phase 1 - 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3845	2.7493	5.7494	9.2800e-003	0.2554	0.0425	0.2978	0.0730	0.0391	0.1121	0.0000	801.9282	801.9282	5.9900e-003	0.0000	802.0540
Worker	0.2402	0.2899	3.0533	8.6100e-003	0.7246	5.1600e-003	0.7297	0.1927	4.7800e-003	0.1975	0.0000	573.3941	573.3941	0.0270	0.0000	573.9609
Total	0.6247	3.0393	8.8027	0.0179	0.9799	0.0476	1.0276	0.2657	0.0438	0.3096	0.0000	1,375.3223	1,375.3223	0.0330	0.0000	1,376.0149

3.4 Building Construciton - Phase 1 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3069	2.2080	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.2080	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3845	2.7493	5.7494	9.2800e-003	0.2554	0.0425	0.2978	0.0730	0.0391	0.1121	0.0000	801.9282	801.9282	5.9900e-003	0.0000	802.0540
Worker	0.2402	0.2899	3.0533	8.6100e-003	0.7246	5.1600e-003	0.7297	0.1927	4.7800e-003	0.1975	0.0000	573.3941	573.3941	0.0270	0.0000	573.9609
Total	0.6247	3.0393	8.8027	0.0179	0.9799	0.0476	1.0276	0.2657	0.0438	0.3096	0.0000	1,375.3223	1,375.3223	0.0330	0.0000	1,376.0149

3.4 Building Constructon - Phase 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3265	2.3908	5.3140	9.3000e-003	0.2564	0.0380	0.2944	0.0733	0.0350	0.1083	0.0000	786.6115	786.6115	5.8000e-003	0.0000	786.7333
Worker	0.2252	0.2695	2.8485	8.6500e-003	0.7274	5.1800e-003	0.7325	0.1935	4.8000e-003	0.1983	0.0000	552.8045	552.8045	0.0256	0.0000	553.3423
Total	0.5518	2.6603	8.1625	0.0180	0.9838	0.0432	1.0270	0.2668	0.0398	0.3066	0.0000	1,339.4160	1,339.4160	0.0314	0.0000	1,340.0756

3.4 Building Construciton - Phase 1 - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.0174	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	0.2766	2.0174	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3265	2.3908	5.3140	9.3000e-003	0.2564	0.0380	0.2944	0.0733	0.0350	0.1083	0.0000	786.6115	786.6115	5.8000e-003	0.0000	786.7333
Worker	0.2252	0.2695	2.8485	8.6500e-003	0.7274	5.1800e-003	0.7325	0.1935	4.8000e-003	0.1983	0.0000	552.8045	552.8045	0.0256	0.0000	553.3423
Total	0.5518	2.6603	8.1625	0.0180	0.9838	0.0432	1.0270	0.2668	0.0398	0.3066	0.0000	1,339.4160	1,339.4160	0.0314	0.0000	1,340.0756

3.4 Building Constructon - Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1335	1.2225	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6275	162.6275	0.0392	0.0000	163.4503
Total	0.1335	1.2225	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6275	162.6275	0.0392	0.0000	163.4503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1611	1.0769	2.7229	5.0000e-003	0.1380	0.0184	0.1565	0.0395	0.0170	0.0564	0.0000	423.0922	423.0922	3.1000e-003	0.0000	423.1573
Worker	0.1144	0.1355	1.4372	4.6500e-003	0.3914	2.8000e-003	0.3942	0.1041	2.6000e-003	0.1067	0.0000	292.4648	292.4648	0.0131	0.0000	292.7403
Total	0.2755	1.2124	4.1601	9.6500e-003	0.5295	0.0212	0.5507	0.1436	0.0196	0.1631	0.0000	715.5570	715.5570	0.0162	0.0000	715.8977

3.4 Building Construciton - Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1335	0.9864	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6273	162.6273	0.0392	0.0000	163.4501
Total	0.1335	0.9864	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6273	162.6273	0.0392	0.0000	163.4501

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1611	1.0769	2.7229	5.0000e-003	0.1380	0.0184	0.1565	0.0395	0.0170	0.0564	0.0000	423.0922	423.0922	3.1000e-003	0.0000	423.1573
Worker	0.1144	0.1355	1.4372	4.6500e-003	0.3914	2.8000e-003	0.3942	0.1041	2.6000e-003	0.1067	0.0000	292.4648	292.4648	0.0131	0.0000	292.7403
Total	0.2755	1.2124	4.1601	9.6500e-003	0.5295	0.0212	0.5507	0.1436	0.0196	0.1631	0.0000	715.5570	715.5570	0.0162	0.0000	715.8977

3.5 Paving - Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0308	0.3165	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3265
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0308	0.3165	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3265

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0000e-004	9.5000e-004	0.0101	3.0000e-005	2.7500e-003	2.0000e-005	2.7700e-003	7.3000e-004	2.0000e-005	7.5000e-004	0.0000	2.0578	2.0578	9.0000e-005	0.0000	2.0597
Total	8.0000e-004	9.5000e-004	0.0101	3.0000e-005	2.7500e-003	2.0000e-005	2.7700e-003	7.3000e-004	2.0000e-005	7.5000e-004	0.0000	2.0578	2.0578	9.0000e-005	0.0000	2.0597

3.5 Paving - Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0308	0.2532	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3264
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0308	0.2532	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3264

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0000e-004	9.5000e-004	0.0101	3.0000e-005	2.7500e-003	2.0000e-005	2.7700e-003	7.3000e-004	2.0000e-005	7.5000e-004	0.0000	2.0578	2.0578	9.0000e-005	0.0000	2.0597
Total	8.0000e-004	9.5000e-004	0.0101	3.0000e-005	2.7500e-003	2.0000e-005	2.7700e-003	7.3000e-004	2.0000e-005	7.5000e-004	0.0000	2.0578	2.0578	9.0000e-005	0.0000	2.0597

3.6 ArcCoating - Phase 1 - 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	14.5446					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4700e-003	0.0382	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923
Total	14.5501	0.0382	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.1000e-003	9.5900e-003	0.1018	3.3000e-004	0.0277	2.0000e-004	0.0279	7.3700e-003	1.8000e-004	7.5600e-003	0.0000	20.7148	20.7148	9.3000e-004	0.0000	20.7343
Total	8.1000e-003	9.5900e-003	0.1018	3.3000e-004	0.0277	2.0000e-004	0.0279	7.3700e-003	1.8000e-004	7.5600e-003	0.0000	20.7148	20.7148	9.3000e-004	0.0000	20.7343

3.6 ArcCoating - Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.5446					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4700e-003	0.0305	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923
Total	14.5501	0.0305	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.1000e-003	9.5900e-003	0.1018	3.3000e-004	0.0277	2.0000e-004	0.0279	7.3700e-003	1.8000e-004	7.5600e-003	0.0000	20.7148	20.7148	9.3000e-004	0.0000	20.7343
Total	8.1000e-003	9.5900e-003	0.1018	3.3000e-004	0.0277	2.0000e-004	0.0279	7.3700e-003	1.8000e-004	7.5600e-003	0.0000	20.7148	20.7148	9.3000e-004	0.0000	20.7343

3.7 Site Prep - Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0279	0.1502	0.1948	4.9000e-004		4.8500e-003	4.8500e-003		4.8500e-003	4.8500e-003	0.0000	47.0092	47.0092	2.2700e-003	0.0000	47.0568
Total	0.0279	0.1502	0.1948	4.9000e-004	0.2078	4.8500e-003	0.2126	0.1142	4.8500e-003	0.1191	0.0000	47.0092	47.0092	2.2700e-003	0.0000	47.0568

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	6.8000e-004	7.4200e-003	4.0000e-005	5.6700e-003	2.0000e-005	5.6900e-003	1.4500e-003	2.0000e-005	1.4800e-003	0.0000	2.0608	2.0608	8.0000e-005	0.0000	2.0624
Total	5.7000e-004	6.8000e-004	7.4200e-003	4.0000e-005	5.6700e-003	2.0000e-005	5.6900e-003	1.4500e-003	2.0000e-005	1.4800e-003	0.0000	2.0608	2.0608	8.0000e-005	0.0000	2.0624

3.7 Site Prep - Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0935	0.0000	0.0935	0.0514	0.0000	0.0514	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0279	0.1213	0.1948	4.9000e-004		4.8500e-003	4.8500e-003		4.8500e-003	4.8500e-003	0.0000	47.0091	47.0091	2.2700e-003	0.0000	47.0567
Total	0.0279	0.1213	0.1948	4.9000e-004	0.0935	4.8500e-003	0.0983	0.0514	4.8500e-003	0.0562	0.0000	47.0091	47.0091	2.2700e-003	0.0000	47.0567

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	6.8000e-004	7.4200e-003	4.0000e-005	5.6700e-003	2.0000e-005	5.6900e-003	1.4500e-003	2.0000e-005	1.4800e-003	0.0000	2.0608	2.0608	8.0000e-005	0.0000	2.0624
Total	5.7000e-004	6.8000e-004	7.4200e-003	4.0000e-005	5.6700e-003	2.0000e-005	5.6900e-003	1.4500e-003	2.0000e-005	1.4800e-003	0.0000	2.0608	2.0608	8.0000e-005	0.0000	2.0624

3.8 Grading - Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3209	0.0000	0.3209	0.1331	0.0000	0.1331	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1710	0.7639	1.5337	3.5200e-003		0.0303	0.0303		0.0303	0.0303	0.0000	327.7531	327.7531	0.0139	0.0000	328.0440
Total	0.1710	0.7639	1.5337	3.5200e-003	0.3209	0.0303	0.3512	0.1331	0.0303	0.1634	0.0000	327.7531	327.7531	0.0139	0.0000	328.0440

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5900e-003	4.2400e-003	0.0464	2.3000e-004	0.0355	1.5000e-004	0.0356	9.0900e-003	1.4000e-004	9.2300e-003	0.0000	12.8924	12.8924	4.8000e-004	0.0000	12.9024
Total	3.5900e-003	4.2400e-003	0.0464	2.3000e-004	0.0355	1.5000e-004	0.0356	9.0900e-003	1.4000e-004	9.2300e-003	0.0000	12.8924	12.8924	4.8000e-004	0.0000	12.9024

3.8 Grading - Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1444	0.0000	0.1444	0.0599	0.0000	0.0599	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1710	0.6129	1.5337	3.5200e-003		0.0303	0.0303		0.0303	0.0303	0.0000	327.7527	327.7527	0.0139	0.0000	328.0436
Total	0.1710	0.6129	1.5337	3.5200e-003	0.1444	0.0303	0.1747	0.0599	0.0303	0.0902	0.0000	327.7527	327.7527	0.0139	0.0000	328.0436

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5900e-003	4.2400e-003	0.0464	2.3000e-004	0.0355	1.5000e-004	0.0356	9.0900e-003	1.4000e-004	9.2300e-003	0.0000	12.8924	12.8924	4.8000e-004	0.0000	12.9024
Total	3.5900e-003	4.2400e-003	0.0464	2.3000e-004	0.0355	1.5000e-004	0.0356	9.0900e-003	1.4000e-004	9.2300e-003	0.0000	12.8924	12.8924	4.8000e-004	0.0000	12.9024

3.9 Building Construction - Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1076	0.6532	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9086	215.9086	8.6700e-003	0.0000	216.0906
Total	0.1076	0.6532	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9086	215.9086	8.6700e-003	0.0000	216.0906

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3112	1.8895	5.2734	0.0118	0.5576	0.0403	0.5979	0.1501	0.0371	0.1872	0.0000	997.2387	997.2387	7.1300e-003	0.0000	997.3884
Worker	0.1728	0.2040	2.2343	0.0109	1.7080	7.0500e-003	1.7150	0.4380	6.5500e-003	0.4446	0.0000	620.9245	620.9245	0.0230	0.0000	621.4078
Total	0.4840	2.0935	7.5077	0.0226	2.2656	0.0474	2.3129	0.5881	0.0437	0.6318	0.0000	1,618.1632	1,618.1632	0.0302	0.0000	1,618.7962

3.9 Building Construction - Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1076	0.5279	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9083	215.9083	8.6700e-003	0.0000	216.0903
Total	0.1076	0.5279	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9083	215.9083	8.6700e-003	0.0000	216.0903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3112	1.8895	5.2734	0.0118	0.5576	0.0403	0.5979	0.1501	0.0371	0.1872	0.0000	997.2387	997.2387	7.1300e-003	0.0000	997.3884
Worker	0.1728	0.2040	2.2343	0.0109	1.7080	7.0500e-003	1.7150	0.4380	6.5500e-003	0.4446	0.0000	620.9245	620.9245	0.0230	0.0000	621.4078
Total	0.4840	2.0935	7.5077	0.0226	2.2656	0.0474	2.3129	0.5881	0.0437	0.6318	0.0000	1,618.1632	1,618.1632	0.0302	0.0000	1,618.7962

3.9 Building Construction - Phase 2 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4896	2.9646	8.2890	0.0185	0.8787	0.0636	0.9423	0.2365	0.0585	0.2951	0.0000	1,572.3280	1,572.3280	0.0112	0.0000	1,572.5642
Worker	0.2648	0.3145	3.4582	0.0172	2.6914	0.0111	2.7025	0.6902	0.0103	0.7006	0.0000	975.4477	975.4477	0.0358	0.0000	976.1991
Total	0.7543	3.2791	11.7472	0.0357	3.5701	0.0747	3.6448	0.9268	0.0689	0.9956	0.0000	2,547.7757	2,547.7757	0.0470	0.0000	2,548.7632

3.9 Building Construction - Phase 2 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	0.8319	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060
Total	0.1695	0.8319	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4896	2.9646	8.2890	0.0185	0.8787	0.0636	0.9423	0.2365	0.0585	0.2951	0.0000	1,572.3280	1,572.3280	0.0112	0.0000	1,572.5642
Worker	0.2648	0.3145	3.4582	0.0172	2.6914	0.0111	2.7025	0.6902	0.0103	0.7006	0.0000	975.4477	975.4477	0.0358	0.0000	976.1991
Total	0.7543	3.2791	11.7472	0.0357	3.5701	0.0747	3.6448	0.9268	0.0689	0.9956	0.0000	2,547.7757	2,547.7757	0.0470	0.0000	2,548.7632

3.9 Building Construction - Phase 2 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4888	2.9532	8.2664	0.0185	0.8788	0.0637	0.9425	0.2366	0.0586	0.2951	0.0000	1,573.2261	1,573.2261	0.0113	0.0000	1,573.4624
Worker	0.2565	0.3085	3.3978	0.0172	2.6914	0.0111	2.7025	0.6902	0.0103	0.7006	0.0000	972.9258	972.9258	0.0353	0.0000	973.6675
Total	0.7453	3.2618	11.6642	0.0357	3.5702	0.0748	3.6450	0.9268	0.0689	0.9957	0.0000	2,546.1519	2,546.1519	0.0466	0.0000	2,547.1299

3.9 Building Construction - Phase 2 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	0.8319	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060
Total	0.1695	0.8319	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4888	2.9532	8.2664	0.0185	0.8788	0.0637	0.9425	0.2366	0.0586	0.2951	0.0000	1,573.2261	1,573.2261	0.0113	0.0000	1,573.4624
Worker	0.2565	0.3085	3.3978	0.0172	2.6914	0.0111	2.7025	0.6902	0.0103	0.7006	0.0000	972.9258	972.9258	0.0353	0.0000	973.6675
Total	0.7453	3.2618	11.6642	0.0357	3.5702	0.0748	3.6450	0.9268	0.0689	0.9957	0.0000	2,546.1519	2,546.1519	0.0466	0.0000	2,547.1299

3.9 Building Construction - Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0449	0.2646	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8317	96.8317	3.6100e-003	0.0000	96.9075
Total	0.0449	0.2646	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8317	96.8317	3.6100e-003	0.0000	96.9075

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1388	0.8376	2.3456	5.2800e-003	0.2502	0.0181	0.2683	0.0674	0.0167	0.0840	0.0000	447.9862	447.9862	3.2100e-003	0.0000	448.0535
Worker	0.0710	0.0865	0.9523	4.8800e-003	0.7660	3.1700e-003	0.7692	0.1965	2.9400e-003	0.1994	0.0000	276.3163	276.3163	9.9400e-003	0.0000	276.5250
Total	0.2097	0.9241	3.2979	0.0102	1.0162	0.0213	1.0375	0.2638	0.0196	0.2834	0.0000	724.3024	724.3024	0.0132	0.0000	724.5785

3.9 Building Construction - Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0449	0.2139	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8316	96.8316	3.6100e-003	0.0000	96.9074
Total	0.0449	0.2139	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8316	96.8316	3.6100e-003	0.0000	96.9074

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1388	0.8376	2.3456	5.2800e-003	0.2502	0.0181	0.2683	0.0674	0.0167	0.0840	0.0000	447.9862	447.9862	3.2100e-003	0.0000	448.0535
Worker	0.0710	0.0865	0.9523	4.8800e-003	0.7660	3.1700e-003	0.7692	0.1965	2.9400e-003	0.1994	0.0000	276.3163	276.3163	9.9400e-003	0.0000	276.5250
Total	0.2097	0.9241	3.2979	0.0102	1.0162	0.0213	1.0375	0.2638	0.0196	0.2834	0.0000	724.3024	724.3024	0.0132	0.0000	724.5785

3.10 Paving - Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0268	0.1149	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6538
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0268	0.1149	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6538

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589
Total	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589

3.10 Paving - Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0268	0.0920	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6537
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0268	0.0920	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6537

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589
Total	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589

3.11 ArcCoating - Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.5446					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8300e-003	0.0182	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326
Total	14.5475	0.0182	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-003	5.6000e-003	0.0617	3.2000e-004	0.0266	2.1000e-004	0.0268	7.0800e-003	1.9000e-004	7.2700e-003	0.0000	17.8995	17.8995	6.4000e-004	0.0000	17.9130
Total	4.6000e-003	5.6000e-003	0.0617	3.2000e-004	0.0266	2.1000e-004	0.0268	7.0800e-003	1.9000e-004	7.2700e-003	0.0000	17.8995	17.8995	6.4000e-004	0.0000	17.9130

3.11 ArcCoating - Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.5446					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8300e-003	0.0146	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326
Total	14.5475	0.0146	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-003	5.6000e-003	0.0617	3.2000e-004	0.0266	2.1000e-004	0.0268	7.0800e-003	1.9000e-004	7.2700e-003	0.0000	17.8995	17.8995	6.4000e-004	0.0000	17.9130
Total	4.6000e-003	5.6000e-003	0.0617	3.2000e-004	0.0266	2.1000e-004	0.0268	7.0800e-003	1.9000e-004	7.2700e-003	0.0000	17.8995	17.8995	6.4000e-004	0.0000	17.9130

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	9.8213	18.0386	99.9025	0.4009	28.0482	0.4384	28.4867	7.5153	0.4050	7.9203	0.0000	25,512.9503	25,512.9503	0.7072	0.0000	25,527.8023
Unmitigated	9.8213	18.0386	99.9025	0.4009	28.0482	0.4384	28.4867	7.5153	0.4050	7.9203	0.0000	25,512.9503	25,512.9503	0.7072	0.0000	25,527.8023

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	30,319.32	30,319.32	30,319.32	75,311,250	75,311,250
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	30,319.32	30,319.32	30,319.32	75,311,250	75,311,250

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
Hospital	8.00	4.00	5.20	64.90	16.10	19.00	100	0	0
Unenclosed Parking Structure	10.00	5.00	6.50	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	6,734.1561	6,734.1561	0.3308	0.0685	6,762.3220
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	6,734.1561	6,734.1561	0.3308	0.0685	6,762.3220
NaturalGas Mitigated	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087
NaturalGas Unmitigated	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087

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					
Hospital	6.54033e+007	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087

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					
Hospital	6.54033e+007	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	2.28776e+007	6,125.7195	0.3009	0.0623	6,151.3406
Unenclosed Parking Structure	2.27232e+006	608.4367	0.0299	6.1800e-003	610.9815
Total		6,734.1561	0.3308	0.0684	6,762.3220

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	2.28776e+007	6,125.7195	0.3009	0.0623	6,151.3406
Unenclosed Parking Structure	2.27232e+006	608.4367	0.0299	6.1800e-003	610.9815
Total		6,734.1561	0.3308	0.0684	6,762.3220

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	9.6287	3.9000e-004	0.0430	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0841	0.0841	2.2000e-004	0.0000	0.0886
Unmitigated	9.6287	3.9000e-004	0.0430	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0841	0.0841	2.2000e-004	0.0000	0.0886

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	1.4545					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.1703					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.9300e-003	3.9000e-004	0.0430	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0841	0.0841	2.2000e-004	0.0000	0.0886
Total	9.6287	3.9000e-004	0.0430	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0841	0.0841	2.2000e-004	0.0000	0.0886

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	1.4545					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.1703					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.9300e-003	3.9000e-004	0.0430	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0841	0.0841	2.2000e-004	0.0000	0.0886
Total	9.6287	3.9000e-004	0.0430	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0841	0.0841	2.2000e-004	0.0000	0.0886

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	287.6014	0.1998	0.1211	329.3305
Unmitigated	287.6014	0.1991	0.1209	329.2696

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	154.09 / 29.3505	287.6014	0.1991	0.1209	329.2696
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		287.6014	0.1991	0.1209	329.2696

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	154.09 / 29.3505	287.6014	0.1998	0.1211	329.3305
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		287.6014	0.1998	0.1211	329.3305

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2,692.147 4	159.1014	0.0000	6,033.275 7
Unmitigated	2,692.147 4	159.1014	0.0000	6,033.275 7

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	13262.4	2,692.147 4	159.1014	0.0000	6,033.275 7
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		2,692.147 4	159.1014	0.0000	6,033.275 7

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	13262.4	2,692.147 4	159.1014	0.0000	6,033.275 7
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		2,692.147 4	159.1014	0.0000	6,033.275 7

9.0 Operational Offroad

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

KPMC - Construction & Operations Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	1,228.00	1000sqft	28.19	1,228,000.00	0
Unenclosed Parking Structure	2,160.00	Space	19.44	864,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Permanente, 2015. Kaiser Dublin Construction Assumptions

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment -

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment -

Off-road Equipment - Used CalEEMod construction equipment defaults

Off-road Equipment - Used CalEEMod construction equipment defaults

Trips and VMT -

Grading -

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates and VMT were provided by F&P

Area Coating -

Energy Use - Adjusted energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	55.00	48.00
tblConstructionPhase	NumDays	55.00	50.00
tblConstructionPhase	NumDays	740.00	760.00
tblConstructionPhase	NumDays	740.00	759.00
tblConstructionPhase	NumDays	75.00	74.00
tblConstructionPhase	NumDays	55.00	50.00
tblConstructionPhase	NumDays	55.00	48.00
tblConstructionPhase	NumDays	30.00	3.00
tblConstructionPhase	NumDays	30.00	23.00

tblConstructionPhase	PhaseEndDate	8/24/2035	8/26/2035
tblConstructionPhase	PhaseEndDate	7/18/2018	8/17/2018
tblConstructionPhase	PhaseEndDate	5/14/2032	5/15/2032
tblConstructionPhase	PhaseEndDate	1/5/2022	2/2/2032
tblConstructionPhase	PhaseStartDate	9/25/2021	9/27/2021
tblConstructionPhase	PhaseStartDate	8/18/2018	8/20/2018
tblConstructionPhase	PhaseStartDate	4/5/2018	5/7/2018
tblConstructionPhase	PhaseStartDate	7/17/2021	7/19/2021
tblConstructionPhase	PhaseStartDate	12/4/2021	1/1/2032
tblEnergyUse	T24E	9.62	7.22
tblEnergyUse	T24NG	58.20	43.65
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	WorkerTripNumber	20.00	15.00
tblVehicleTrips	CC_TL	5.00	4.00
tblVehicleTrips	CNW_TL	6.50	5.20
tblVehicleTrips	CW_TL	10.00	8.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	ST_TR	10.18	24.69
tblVehicleTrips	SU_TR	8.91	24.69
tblVehicleTrips	WD_TR	16.50	24.69

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					
2018	8.0622	59.5773	84.7620	0.1716	18.2032	2.7888	20.5695	9.9670	2.5657	12.1441	0.0000	15,107.0162	15,107.0162	1.9390	0.0000	15,147.7350
2019	7.2763	42.9965	79.5208	0.1712	7.7662	1.6481	9.4143	2.0993	1.5424	3.6417	0.0000	14,739.6655	14,739.6655	0.9058	0.0000	14,758.6866
2020	6.4867	38.3045	73.5574	0.1710	7.7666	1.4411	9.2077	2.0995	1.3487	3.4481	0.0000	14,334.1626	14,334.1626	0.8830	0.0000	14,352.7054
2021	582.3963	33.6169	69.8834	0.1709	7.7672	1.2547	9.0218	2.0997	1.1739	3.2736	0.0000	14,243.9004	14,243.9004	0.8655	0.0000	14,262.0750
2032	7.3834	32.0385	98.1192	0.3198	28.4895	0.8227	29.2095	10.0617	0.8224	10.4850	0.0000	25,448.5131	25,448.5131	0.5170	0.0000	25,459.3699
2033	7.3031	31.8986	97.4207	0.3199	28.4905	0.7206	29.2110	7.3813	0.6754	8.0568	0.0000	25,428.7434	25,428.7434	0.5130	0.0000	25,439.5153
2034	7.2178	31.7758	96.7282	0.3200	28.4914	0.7209	29.2123	7.3817	0.6757	8.0574	0.0000	25,413.0242	25,413.0242	0.5091	0.0000	25,423.7152
2035	606.3708	30.9033	96.0579	0.3200	28.4922	0.6634	29.1556	7.3820	0.6182	8.0002	0.0000	25,400.2805	25,400.2805	0.4975	0.0000	25,410.7279
Total	1,232.4966	301.1114	696.0496	1.9644	155.4667	10.0602	165.0018	48.4722	9.4224	57.1068	0.0000	160,115.3061	160,115.3061	6.6297	0.0000	160,254.5305

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	52.7699	3.0900e-003	0.3439	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		0.7415	0.7415	1.9100e-003		0.7816
Energy	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Mobile	61.2876	92.4103	581.1557	2.3899	159.5444	2.4081	161.9525	42.6267	2.2245	44.8511		166,498.7604	166,498.7604	4.2856		166,588.7585
Total	115.9899	109.9808	596.2562	2.4953	159.5444	3.7444	163.2889	42.6267	3.5608	46.1875		187,580.3335	187,580.3335	4.6916	0.3865	187,798.6661

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	52.7699	3.0900e-003	0.3439	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		0.7415	0.7415	1.9100e-003		0.7816
Energy	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Mobile	61.2876	92.4103	581.1557	2.3899	159.5444	2.4081	161.9525	42.6267	2.2245	44.8511		166,498.7604	166,498.7604	4.2856		166,588.7585
Total	115.9899	109.9808	596.2562	2.4953	159.5444	3.7444	163.2889	42.6267	3.5608	46.1875		187,580.3335	187,580.3335	4.6916	0.3865	187,798.6661

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Prep - Phase 1	Site Preparation	4/2/2018	4/4/2018	5	3	
2	Grading - Phase 1	Grading	5/7/2018	8/17/2018	5	75	
3	Building Constructon - Phase 1	Building Construction	8/20/2018	7/16/2021	5	760	
4	Paving - Phase 1	Paving	7/19/2021	9/24/2021	5	50	
5	ArcCoating - Phase 1	Architectural Coating	9/27/2021	12/3/2021	5	50	
6	Site Prep - Phase 2	Site Preparation	1/1/2032	2/2/2032	5	23	
7	Grading - Phase 2	Grading	2/3/2032	5/15/2032	5	74	
8	Building Construction - Phase 2	Building Construction	5/16/2032	4/12/2035	5	759	
9	Paving - Phase 2	Paving	4/13/2035	6/19/2035	5	48	
10	ArcCoating - Phase 2	Architectural Coating	6/20/2035	8/26/2035	5	48	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,138,000; Non-Residential Outdoor: 1,046,000 (Architectural Coating – sqft)

OffRoad Equipment

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

Building Construction - Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 2	Welders	1	8.00	46	0.45
Paving - Phase 2	Pavers	2	8.00	125	0.42
Paving - Phase 2	Paving Equipment	2	8.00	130	0.36
Paving - Phase 2	Rollers	2	8.00	80	0.38
ArcCoating - Phase 2	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 Prep - Phase 1	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 1	8	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 1	9	756.00	343.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
ArcCoating - Phase 1	1	151.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Prep - Phase 2	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Prep - Phase 2	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	14	35.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	14	35.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	756.00	343.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	756.00	343.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
ArcCoating - Phase 2	1	151.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment
 Water Exposed Area

3.2 Site Prep - Phase 1 - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.773 1	3,939.773 1	1.2265		3,965.529 7
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.773 1	3,939.773 1	1.2265		3,965.529 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0577	0.0523	0.7014	1.7500e-003	0.1369	9.5000e-004	0.1379	0.0363	8.8000e-004	0.0372		133.0065	133.0065	5.8400e-003		133.1290
Total	0.0577	0.0523	0.7014	1.7500e-003	0.1369	9.5000e-004	0.1379	0.0363	8.8000e-004	0.0372		133.0065	133.0065	5.8400e-003		133.1290

3.2 Site Prep - Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.2921	36.7395	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.773 1	3,939.773 1	1.2265		3,965.529 7
Total	4.2921	36.7395	36.2346	0.0391	8.1298	2.3654	10.4952	4.4688	2.1762	6.6450	0.0000	3,939.773 1	3,939.773 1	1.2265		3,965.529 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0577	0.0523	0.7014	1.7500e-003	0.1369	9.5000e-004	0.1379	0.0363	8.8000e-004	0.0372		133.0065	133.0065	5.8400e-003		133.1290
Total	0.0577	0.0523	0.7014	1.7500e-003	0.1369	9.5000e-004	0.1379	0.0363	8.8000e-004	0.0372		133.0065	133.0065	5.8400e-003		133.1290

3.3 Grading - Phase 1 - 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					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	8.6733	2.7880	11.4614	3.5965	2.5650	6.1615		6,212.8042	6,212.8042	1.9341		6,253.4209

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0481	0.0436	0.5845	1.4600e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		110.8387	110.8387	4.8600e-003		110.9409
Total	0.0481	0.0436	0.5845	1.4600e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		110.8387	110.8387	4.8600e-003		110.9409

3.3 Grading - Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	5.2895	47.7533	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.804 1	6,212.804 1	1.9341		6,253.420 9
Total	5.2895	47.7533	42.3068	0.0617	3.9030	2.7880	6.6910	1.6184	2.5650	4.1834	0.0000	6,212.804 1	6,212.804 1	1.9341		6,253.420 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0481	0.0436	0.5845	1.4600e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		110.8387	110.8387	4.8600e-003		110.9409
Total	0.0481	0.0436	0.5845	1.4600e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		110.8387	110.8387	4.8600e-003		110.9409

3.4 Building Constructon - Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9702	21.9924	37.7711	0.0713	2.0148	0.3497	2.3645	0.5736	0.3214	0.8950		6,910.8053	6,910.8053	0.0512		6,911.8804
Worker	2.4234	2.1950	29.4583	0.0735	5.7509	0.0400	5.7909	1.5255	0.0370	1.5625		5,586.2719	5,586.2719	0.2451		5,591.4189
Total	5.3935	24.1874	67.2294	0.1448	7.7657	0.3897	8.1554	2.0991	0.3585	2.4576		12,497.0772	12,497.0772	0.2963		12,503.2993

3.4 Building Construciton - Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.7744	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	18.7744	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9702	21.9924	37.7711	0.0713	2.0148	0.3497	2.3645	0.5736	0.3214	0.8950		6,910.8053	6,910.8053	0.0512		6,911.8804
Worker	2.4234	2.1950	29.4583	0.0735	5.7509	0.0400	5.7909	1.5255	0.0370	1.5625		5,586.2719	5,586.2719	0.2451		5,591.4189
Total	5.3935	24.1874	67.2294	0.1448	7.7657	0.3897	8.1554	2.0991	0.3585	2.4576		12,497.0772	12,497.0772	0.2963		12,503.2993

3.4 Building Constructon - Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6965	20.0230	35.1803	0.0712	2.0153	0.3235	2.3389	0.5738	0.2975	0.8713		6,798.8654	6,798.8654	0.0499		6,799.9122
Worker	2.2283	2.0085	27.2201	0.0731	5.7509	0.0395	5.7904	1.5255	0.0366	1.5621		5,360.0384	5,360.0384	0.2280		5,364.8265
Total	4.9247	22.0315	62.4005	0.1444	7.7662	0.3631	8.1293	2.0993	0.3341	2.4334		12,158.9038	12,158.9038	0.2779		12,164.7388

3.4 Building Construciton - Phase 1 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.9193	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	16.9193	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6965	20.0230	35.1803	0.0712	2.0153	0.3235	2.3389	0.5738	0.2975	0.8713		6,798.8654	6,798.8654	0.0499		6,799.9122
Worker	2.2283	2.0085	27.2201	0.0731	5.7509	0.0395	5.7904	1.5255	0.0366	1.5621		5,360.0384	5,360.0384	0.2280		5,364.8265
Total	4.9247	22.0315	62.4005	0.1444	7.7662	0.3631	8.1293	2.0993	0.3341	2.4334		12,158.9038	12,158.9038	0.2779		12,164.7388

3.4 Building Constructon - Phase 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2939	17.3592	31.3823	0.0711	2.0157	0.2887	2.3044	0.5740	0.2655	0.8395		6,643.6316	6,643.6316	0.0481		6,644.6407
Worker	2.0816	1.8613	25.3667	0.0731	5.7509	0.0396	5.7904	1.5255	0.0367	1.5622		5,148.0511	5,148.0511	0.2155		5,152.5766
Total	4.3755	19.2205	56.7490	0.1442	7.7666	0.3282	8.0948	2.0995	0.3022	2.4017		11,791.6827	11,791.6827	0.2636		11,797.2174

3.4 Building Construciton - Phase 1 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.3998	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.3998	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2939	17.3592	31.3823	0.0711	2.0157	0.2887	2.3044	0.5740	0.2655	0.8395		6,643.6316	6,643.6316	0.0481		6,644.6407
Worker	2.0816	1.8613	25.3667	0.0731	5.7509	0.0396	5.7904	1.5255	0.0367	1.5622		5,148.0511	5,148.0511	0.2155		5,152.5766
Total	4.3755	19.2205	56.7490	0.1442	7.7666	0.3282	8.0948	2.0995	0.3022	2.4017		11,791.6827	11,791.6827	0.2636		11,797.2174

3.4 Building Constructon - Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1132	14.5372	29.5047	0.0710	2.0163	0.2600	2.2763	0.5742	0.2392	0.8134		6,639.9421	6,639.9421	0.0477		6,640.9437
Worker	1.9634	1.7394	23.8411	0.0731	5.7509	0.0398	5.7906	1.5255	0.0369	1.5623		5,061.1766	5,061.1766	0.2052		5,065.4851
Total	4.0766	16.2767	53.3458	0.1441	7.7672	0.2998	8.0669	2.0997	0.2761	2.3758		11,701.1187	11,701.1187	0.2529		11,706.4288

3.4 Building Construciton - Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.9916	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	13.9916	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1132	14.5372	29.5047	0.0710	2.0163	0.2600	2.2763	0.5742	0.2392	0.8134		6,639.9421	6,639.9421	0.0477		6,640.9437
Worker	1.9634	1.7394	23.8411	0.0731	5.7509	0.0398	5.7906	1.5255	0.0369	1.5623		5,061.1766	5,061.1766	0.2052		5,065.4851
Total	4.0766	16.2767	53.3458	0.1441	7.7672	0.2998	8.0669	2.0997	0.2761	2.3758		11,701.1187	11,701.1187	0.2529		11,706.4288

3.5 Paving - Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0390	0.0345	0.4730	1.4500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		100.4202	100.4202	4.0700e-003		100.5057
Total	0.0390	0.0345	0.4730	1.4500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		100.4202	100.4202	4.0700e-003		100.5057

3.5 Paving - Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0390	0.0345	0.4730	1.4500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		100.4202	100.4202	4.0700e-003		100.5057
Total	0.0390	0.0345	0.4730	1.4500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		100.4202	100.4202	4.0700e-003		100.5057

3.6 ArcCoating - Phase 1 - 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	581.7852					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	582.0041	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3922	0.3474	4.7619	0.0146	1.1487	7.9400e-003	1.1566	0.3047	7.3600e-003	0.3121		1,010.8964	1,010.8964	0.0410		1,011.7570
Total	0.3922	0.3474	4.7619	0.0146	1.1487	7.9400e-003	1.1566	0.3047	7.3600e-003	0.3121		1,010.8964	1,010.8964	0.0410		1,011.7570

3.6 ArcCoating - Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	581.7852					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537
Total	582.0041	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3922	0.3474	4.7619	0.0146	1.1487	7.9400e-003	1.1566	0.3047	7.3600e-003	0.3121		1,010.8964	1,010.8964	0.0410		1,011.7570
Total	0.3922	0.3474	4.7619	0.0146	1.1487	7.9400e-003	1.1566	0.3047	7.3600e-003	0.3121		1,010.8964	1,010.8964	0.0410		1,011.7570

3.7 Site Prep - Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.4265	13.0600	16.9420	0.0422		0.4214	0.4214		0.4214	0.4214		4,505.975 2	4,505.975 2	0.2173		4,510.538 1
Total	2.4265	13.0600	16.9420	0.0422	18.0663	0.4214	18.4876	9.9307	0.4214	10.3520		4,505.975 2	4,505.975 2	0.2173		4,510.538 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0536	0.7700	3.4800e-003	0.5118	2.0400e-003	0.5139	0.1311	1.8900e-003	0.1329		218.8048	218.8048	7.3200e-003		218.9586
Total	0.0594	0.0536	0.7700	3.4800e-003	0.5118	2.0400e-003	0.5139	0.1311	1.8900e-003	0.1329		218.8048	218.8048	7.3200e-003		218.9586

3.7 Site Prep - Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4265	10.5467	16.9420	0.0422		0.4214	0.4214		0.4214	0.4214	0.0000	4,505.975 2	4,505.975 2	0.2173		4,510.538 1
Total	2.4265	10.5467	16.9420	0.0422	8.1298	0.4214	8.5512	4.4688	0.4214	4.8902	0.0000	4,505.975 2	4,505.975 2	0.2173		4,510.538 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0536	0.7700	3.4800e-003	0.5118	2.0400e-003	0.5139	0.1311	1.8900e-003	0.1329		218.8048	218.8048	7.3200e-003		218.9586
Total	0.0594	0.0536	0.7700	3.4800e-003	0.5118	2.0400e-003	0.5139	0.1311	1.8900e-003	0.1329		218.8048	218.8048	7.3200e-003		218.9586

3.8 Grading - Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.6223	20.6448	41.4523	0.0952		0.8187	0.8187		0.8187	0.8187		9,764.4845	9,764.4845	0.4127		9,773.1510
Total	4.6223	20.6448	41.4523	0.0952	8.6733	0.8187	9.4921	3.5965	0.8187	4.4152		9,764.4845	9,764.4845	0.4127		9,773.1510

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1155	0.1042	1.4973	6.7700e-003	0.9952	3.9600e-003	0.9992	0.2548	3.6700e-003	0.2585		425.4538	425.4538	0.0142		425.7528
Total	0.1155	0.1042	1.4973	6.7700e-003	0.9952	3.9600e-003	0.9992	0.2548	3.6700e-003	0.2585		425.4538	425.4538	0.0142		425.7528

3.8 Grading - Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.6223	16.5652	41.4523	0.0952		0.8187	0.8187		0.8187	0.8187	0.0000	9,764.4845	9,764.4845	0.4127		9,773.1510
Total	4.6223	16.5652	41.4523	0.0952	3.9030	0.8187	4.7217	1.6184	0.8187	2.4372	0.0000	9,764.4845	9,764.4845	0.4127		9,773.1510

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1155	0.1042	1.4973	6.7700e-003	0.9952	3.9600e-003	0.9992	0.2548	3.6700e-003	0.2585		425.4538	425.4538	0.0142		425.7528
Total	0.1155	0.1042	1.4973	6.7700e-003	0.9952	3.9600e-003	0.9992	0.2548	3.6700e-003	0.2585		425.4538	425.4538	0.0142		425.7528

3.9 Building Construction - Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5851	21.8691	49.6461	0.1428	6.9926	0.4869	7.4795	1.8766	0.4480	2.3246		13,373.8817	13,373.8817	0.0937		13,375.8484
Worker	2.4942	2.2515	32.3419	0.1462	21.4969	0.0855	21.5825	5.5043	0.0793	5.5837		9,189.8015	9,189.8015	0.3075		9,196.2598
Total	6.0793	24.1206	81.9879	0.2890	28.4895	0.5724	29.0619	7.3810	0.5273	7.9083		22,563.6831	22,563.6831	0.4012		22,572.1082

3.9 Building Construction - Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3991	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3991	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5851	21.8691	49.6461	0.1428	6.9926	0.4869	7.4795	1.8766	0.4480	2.3246		13,373.8817	13,373.8817	0.0937		13,375.8484
Worker	2.4942	2.2515	32.3419	0.1462	21.4969	0.0855	21.5825	5.5043	0.0793	5.5837		9,189.8015	9,189.8015	0.3075		9,196.2598
Total	6.0793	24.1206	81.9879	0.2890	28.4895	0.5724	29.0619	7.3810	0.5273	7.9083		22,563.6831	22,563.6831	0.4012		22,572.1082

3.9 Building Construction - Phase 2 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5798	21.7773	49.4832	0.1429	6.9935	0.4873	7.4809	1.8770	0.4483	2.3254		13,381.6993	13,381.6993	0.0938		13,383.6681
Worker	2.4192	2.2034	31.8062	0.1462	21.4969	0.0857	21.5826	5.5043	0.0795	5.5838		9,162.2142	9,162.2142	0.3034		9,168.5856
Total	5.9990	23.9807	81.2893	0.2891	28.4905	0.5730	29.0634	7.3813	0.5278	7.9092		22,543.9135	22,543.9135	0.3972		22,552.2536

3.9 Building Construction - Phase 2 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3991	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3991	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5798	21.7773	49.4832	0.1429	6.9935	0.4873	7.4809	1.8770	0.4483	2.3254		13,381.6993	13,381.6993	0.0938		13,383.6681
Worker	2.4192	2.2034	31.8062	0.1462	21.4969	0.0857	21.5826	5.5043	0.0795	5.5838		9,162.2142	9,162.2142	0.3034		9,168.5856
Total	5.9990	23.9807	81.2893	0.2891	28.4905	0.5730	29.0634	7.3813	0.5278	7.9092		22,543.9135	22,543.9135	0.3972		22,552.2536

3.9 Building Construction - Phase 2 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5744	21.6959	49.3118	0.1429	6.9945	0.4876	7.4821	1.8774	0.4486	2.3260		13,389.3168	13,389.3168	0.0938		13,391.2875
Worker	2.3393	2.1620	31.2850	0.1462	21.4969	0.0857	21.5826	5.5043	0.0795	5.5838		9,138.8774	9,138.8774	0.2995		9,145.1661
Total	5.9137	23.8579	80.5968	0.2892	28.4914	0.5733	29.0647	7.3817	0.5281	7.9098		22,528.1943	22,528.1943	0.3933		22,536.4535

3.9 Building Construction - Phase 2 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3991	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3991	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5744	21.6959	49.3118	0.1429	6.9945	0.4876	7.4821	1.8774	0.4486	2.3260		13,389.3168	13,389.3168	0.0938		13,391.2875
Worker	2.3393	2.1620	31.2850	0.1462	21.4969	0.0857	21.5826	5.5043	0.0795	5.5838		9,138.8774	9,138.8774	0.2995		9,145.1661
Total	5.9137	23.8579	80.5968	0.2892	28.4914	0.5733	29.0647	7.3817	0.5281	7.9098		22,528.1943	22,528.1943	0.3933		22,536.4535

3.9 Building Construction - Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5652	21.6228	49.1290	0.1430	6.9952	0.4877	7.4829	1.8777	0.4487	2.3264		13,395.9285	13,395.9285	0.0939		13,397.9005
Worker	2.2699	2.1296	30.8368	0.1462	21.4969	0.0857	21.5826	5.5043	0.0795	5.5838		9,119.5221	9,119.5221	0.2961		9,125.7395
Total	5.8351	23.7523	79.9657	0.2892	28.4922	0.5734	29.0655	7.3820	0.5282	7.9102		22,515.4505	22,515.4505	0.3900		22,523.6401

3.9 Building Construction - Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	5.7814	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	5.7814	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5652	21.6228	49.1290	0.1430	6.9952	0.4877	7.4829	1.8777	0.4487	2.3264		13,395.9285	13,395.9285	0.0939		13,397.9005
Worker	2.2699	2.1296	30.8368	0.1462	21.4969	0.0857	21.5826	5.5043	0.0795	5.5838		9,119.5221	9,119.5221	0.2961		9,125.7395
Total	5.8351	23.7523	79.9657	0.2892	28.4922	0.5734	29.0655	7.3820	0.5282	7.9102		22,515.4505	22,515.4505	0.3900		22,523.6401

3.10 Paving - Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.10 Paving - Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.11 ArcCoating - Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	606.0263					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003			281.4481	281.4481	0.0104		281.6665
Total	606.1441	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003			281.4481	281.4481	0.0104		281.6665

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000	
Worker	0.2267	0.2127	3.0796	0.0146	1.1487	8.5600e-003	1.1572	0.3047	7.9400e-003	0.3126			910.7459	910.7459	0.0296		911.3668
Total	0.2267	0.2127	3.0796	0.0146	1.1487	8.5600e-003	1.1572	0.3047	7.9400e-003	0.3126			910.7459	910.7459	0.0296		911.3668

3.11 ArcCoating - Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	606.0263					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	606.1441	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2267	0.2127	3.0796	0.0146	1.1487	8.5600e-003	1.1572	0.3047	7.9400e-003	0.3126		910.7459	910.7459	0.0296		911.3668
Total	0.2267	0.2127	3.0796	0.0146	1.1487	8.5600e-003	1.1572	0.3047	7.9400e-003	0.3126		910.7459	910.7459	0.0296		911.3668

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	61.2876	92.4103	581.1557	2.3899	159.5444	2.4081	161.9525	42.6267	2.2245	44.8511		166,498.7604	166,498.7604	4.2856		166,588.7585
Unmitigated	61.2876	92.4103	581.1557	2.3899	159.5444	2.4081	161.9525	42.6267	2.2245	44.8511		166,498.7604	166,498.7604	4.2856		166,588.7585

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	30,319.32	30,319.32	30,319.32	75,311,250	75,311,250
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	30,319.32	30,319.32	30,319.32	75,311,250	75,311,250

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
Hospital	8.00	4.00	5.20	64.90	16.10	19.00	100	0	0
Unenclosed Parking Structure	10.00	5.00	6.50	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
NaturalGas Unmitigated	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260

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					
Hospital	179187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260

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					
Unenclosed Parking Structure	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
Hospital	179.187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Total		1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	52.7699	3.0900e-003	0.3439	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		0.7415	0.7415	1.9100e-003		0.7816
Unmitigated	52.7699	3.0900e-003	0.3439	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		0.7415	0.7415	1.9100e-003		0.7816

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	7.9697					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	44.7688					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0315	3.0900e-003	0.3439	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		0.7415	0.7415	1.9100e-003		0.7816
Total	52.7699	3.0900e-003	0.3439	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		0.7415	0.7415	1.9100e-003		0.7816

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	7.9697					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	44.7688					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0315	3.0900e-003	0.3439	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		0.7415	0.7415	1.9100e-003		0.7816
Total	52.7699	3.0900e-003	0.3439	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		0.7415	0.7415	1.9100e-003		0.7816

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

**MLS Stadium - Construction & Operations - MLS Match - Adjusted
Sacramento County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	28.10	1000sqft	0.65	28,100.00	0
Arena	395.70	1000sqft	127.19	395,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2020
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule.

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for buiding construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT -

Grading - Assume 18 acres disturbed

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates and trip lengths were adjusted to reflect the VMT provided by F&P.

Road Dust -

Area Coating -

Energy Use - Adjusted energy intsity rates to reflect the lastest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
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	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	3,100.00	250.00
tblConstructionPhase	NumDays	310.00	10.00
tblConstructionPhase	NumDays	220.00	54.00
tblConstructionPhase	PhaseEndDate	9/29/2017	10/1/2017
tblConstructionPhase	PhaseEndDate	10/14/2016	10/15/2016
tblConstructionPhase	PhaseEndDate	12/14/2017	1/15/2018
tblConstructionPhase	PhaseStartDate	10/2/2017	11/1/2017
tblEnergyUse	T24E	4.17	3.13
tblEnergyUse	T24NG	24.61	18.46
tblGrading	AcresOfGrading	25.00	18.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblVehicleTrips	CC_TL	5.00	1.35
tblVehicleTrips	CNW_TL	6.50	1.76
tblVehicleTrips	CW_TL	10.00	2.70
tblVehicleTrips	DV_TP	0.28	0.00

tblVehicleTrips	PB_TP	0.60	0.00
tblVehicleTrips	PR_TP	0.66	100.00
tblVehicleTrips	ST_TR	10.71	49.14
tblVehicleTrips	SU_TR	10.71	49.14
tblVehicleTrips	WD_TR	10.71	49.14

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	0.1682	1.3386	1.2767	1.8800e-003	0.0872	0.0748	0.1620	0.0304	0.0699	0.1003	0.0000	164.2382	164.2382	0.0273	0.0000	164.8121
2017	0.4740	3.5782	3.7590	6.0500e-003	0.1682	0.2066	0.3748	0.0455	0.1934	0.2389	0.0000	514.0851	514.0851	0.0777	0.0000	515.7167
2018	9.2600e-003	0.0947	0.0825	1.3000e-004	6.1000e-004	5.1700e-003	5.7700e-003	1.6000e-004	4.7500e-003	4.9100e-003	0.0000	11.7025	11.7025	3.5100e-003	0.0000	11.7763
Total	0.6515	5.0115	5.1183	8.0600e-003	0.2560	0.2866	0.5426	0.0761	0.2680	0.3441	0.0000	690.0258	690.0258	0.1085	0.0000	692.3051

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.1682	1.1070	1.2767	1.8800e-003	0.0654	0.0748	0.1402	0.0208	0.0699	0.0907	0.0000	164.2381	164.2381	0.0273	0.0000	164.8120
2017	0.4740	2.9760	3.7590	6.0500e-003	0.1682	0.2066	0.3748	0.0455	0.1934	0.2389	0.0000	514.0847	514.0847	0.0777	0.0000	515.7163
2018	9.2600e-003	0.0758	0.0825	1.3000e-004	6.1000e-004	5.1700e-003	5.7700e-003	1.6000e-004	4.7500e-003	4.9100e-003	0.0000	11.7025	11.7025	3.5100e-003	0.0000	11.7763
Total	0.6515	4.1588	5.1183	8.0600e-003	0.2342	0.2866	0.5208	0.0664	0.2680	0.3345	0.0000	690.0254	690.0254	0.1085	0.0000	692.3046

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	17.01	0.00	0.00	8.52	0.00	4.02	12.71	0.00	2.81	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.9314	5.0000e-005	5.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0105	0.0105	3.0000e-005	0.0000	0.0111
Energy	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	2,303.0706	2,303.0706	0.0936	0.0287	2,313.9444
Mobile	7.3626	7.3646	45.6467	0.0608	3.7600	0.0878	3.8477	1.0073	0.0810	1.0884	0.0000	4,195.5642	4,195.5642	0.2004	0.0000	4,199.7727
Waste						0.0000	0.0000		0.0000	0.0000	2.2106	0.0000	2.2106	0.1306	0.0000	4.9540
Water						0.0000	0.0000		0.0000	0.0000	60.3075	237.6085	297.9160	0.2192	0.1336	343.9251
Total	9.3599	7.9636	46.1553	0.0644	3.7600	0.1333	3.8933	1.0073	0.1266	1.1339	62.5181	6,736.2538	6,798.7719	0.6439	0.1623	6,862.6073

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.9314	5.0000e-005	5.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0105	0.0105	3.0000e-005	0.0000	0.0111
Energy	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	2,303.0706	2,303.0706	0.0936	0.0287	2,313.9444
Mobile	7.3626	7.3646	45.6467	0.0608	3.7600	0.0878	3.8477	1.0073	0.0810	1.0884	0.0000	4,195.5642	4,195.5642	0.2004	0.0000	4,199.7727
Waste						0.0000	0.0000		0.0000	0.0000	2.2106	0.0000	2.2106	0.1306	0.0000	4.9540
Water						0.0000	0.0000		0.0000	0.0000	60.3075	237.6085	297.9160	0.2200	0.1337	343.9924
Total	9.3599	7.9636	46.1553	0.0644	3.7600	0.1333	3.8933	1.0073	0.1266	1.1339	62.5181	6,736.2538	6,798.7719	0.6447	0.1625	6,862.6747

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.10	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2016	10/15/2016	5	10	
2	Building Construction	Building Construction	10/16/2016	10/1/2017	5	250	
3	Paving	Paving	11/1/2017	1/15/2018	5	54	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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

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
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	178.00	69.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					0.0397	0.0000	0.0397	0.0176	0.0000	0.0176	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0324	0.3741	0.2457	3.1000e-004		0.0179	0.0179		0.0165	0.0165	0.0000	29.0979	29.0979	8.7800e-003	0.0000	29.2822
Total	0.0324	0.3741	0.2457	3.1000e-004	0.0397	0.0179	0.0576	0.0176	0.0165	0.0341	0.0000	29.0979	29.0979	8.7800e-003	0.0000	29.2822

3.2 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	4.0000e-004	4.1900e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.4000e-004	2.0000e-004	1.0000e-005	2.0000e-004	0.0000	0.6555	0.6555	4.0000e-005	0.0000	0.6562
Total	3.4000e-004	4.0000e-004	4.1900e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.4000e-004	2.0000e-004	1.0000e-005	2.0000e-004	0.0000	0.6555	0.6555	4.0000e-005	0.0000	0.6562

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0178	0.0000	0.0178	7.9100e-003	0.0000	7.9100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0324	0.2993	0.2457	3.1000e-004		0.0179	0.0179		0.0165	0.0165	0.0000	29.0978	29.0978	8.7800e-003	0.0000	29.2821
Total	0.0324	0.2993	0.2457	3.1000e-004	0.0178	0.0179	0.0358	7.9100e-003	0.0165	0.0244	0.0000	29.0978	29.0978	8.7800e-003	0.0000	29.2821

3.2 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	4.0000e-004	4.1900e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.4000e-004	2.0000e-004	1.0000e-005	2.0000e-004	0.0000	0.6555	0.6555	4.0000e-005	0.0000	0.6562
Total	3.4000e-004	4.0000e-004	4.1900e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.4000e-004	2.0000e-004	1.0000e-005	2.0000e-004	0.0000	0.6555	0.6555	4.0000e-005	0.0000	0.6562

3.3 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	0.0937	0.7839	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9391
Total	0.0937	0.7839	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9391

3.3 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	0.0254	0.1607	0.3127	4.0000e-004	0.0108	2.5100e-003	0.0133	3.0900e-003	2.3100e-003	5.4000e-003	0.0000	35.8081	35.8081	2.9000e-004	0.0000	35.8141
Worker	0.0164	0.0196	0.2053	4.3000e-004	0.0360	2.7000e-004	0.0362	9.5600e-003	2.5000e-004	9.8100e-003	0.0000	32.0846	32.0846	1.7100e-003	0.0000	32.1206
Total	0.0418	0.1803	0.5179	8.3000e-004	0.0468	2.7800e-003	0.0496	0.0127	2.5600e-003	0.0152	0.0000	67.8927	67.8927	2.0000e-003	0.0000	67.9347

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0937	0.6271	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9390
Total	0.0937	0.6271	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9390

3.3 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	0.0254	0.1607	0.3127	4.0000e-004	0.0108	2.5100e-003	0.0133	3.0900e-003	2.3100e-003	5.4000e-003	0.0000	35.8081	35.8081	2.9000e-004	0.0000	35.8141
Worker	0.0164	0.0196	0.2053	4.3000e-004	0.0360	2.7000e-004	0.0362	9.5600e-003	2.5000e-004	9.8100e-003	0.0000	32.0846	32.0846	1.7100e-003	0.0000	32.1206
Total	0.0418	0.1803	0.5179	8.3000e-004	0.0468	2.7800e-003	0.0496	0.0127	2.5600e-003	0.0152	0.0000	67.8927	67.8927	2.0000e-003	0.0000	67.9347

3.3 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	0.3025	2.5746	1.7676	2.6100e-003		0.1737	0.1737		0.1631	0.1631	0.0000	233.4921	233.4921	0.0575	0.0000	234.6989
Total	0.3025	2.5746	1.7676	2.6100e-003		0.1737	0.1737		0.1631	0.1631	0.0000	233.4921	233.4921	0.0575	0.0000	234.6989

3.3 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	0.0773	0.5041	1.0136	1.4000e-003	0.0384	7.5100e-003	0.0459	0.0110	6.9000e-003	0.0179	0.0000	124.8177	124.8177	9.5000e-004	0.0000	124.8376
Worker	0.0516	0.0620	0.6491	1.5200e-003	0.1275	9.4000e-004	0.1284	0.0339	8.6000e-004	0.0348	0.0000	109.2542	109.2542	5.5500e-003	0.0000	109.3707
Total	0.1289	0.5661	1.6628	2.9200e-003	0.1658	8.4500e-003	0.1743	0.0449	7.7600e-003	0.0526	0.0000	234.0719	234.0719	6.5000e-003	0.0000	234.2083

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3025	2.0596	1.7676	2.6100e-003		0.1737	0.1737		0.1631	0.1631	0.0000	233.4919	233.4919	0.0575	0.0000	234.6987
Total	0.3025	2.0596	1.7676	2.6100e-003		0.1737	0.1737		0.1631	0.1631	0.0000	233.4919	233.4919	0.0575	0.0000	234.6987

3.3 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	0.0773	0.5041	1.0136	1.4000e-003	0.0384	7.5100e-003	0.0459	0.0110	6.9000e-003	0.0179	0.0000	124.8177	124.8177	9.5000e-004	0.0000	124.8376
Worker	0.0516	0.0620	0.6491	1.5200e-003	0.1275	9.4000e-004	0.1284	0.0339	8.6000e-004	0.0348	0.0000	109.2542	109.2542	5.5500e-003	0.0000	109.3707
Total	0.1289	0.5661	1.6628	2.9200e-003	0.1658	8.4500e-003	0.1743	0.0449	7.7600e-003	0.0526	0.0000	234.0719	234.0719	6.5000e-003	0.0000	234.2083

3.4 Paving - 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	0.0410	0.4364	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4909	44.4909	0.0136	0.0000	44.7771
Paving	6.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0417	0.4364	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4909	44.4909	0.0136	0.0000	44.7771

3.4 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-004	1.1500e-003	0.0121	3.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.0302	2.0302	1.0000e-004	0.0000	2.0324
Total	9.6000e-004	1.1500e-003	0.0121	3.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.0302	2.0302	1.0000e-004	0.0000	2.0324

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.3491	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4908	44.4908	0.0136	0.0000	44.7771
Paving	6.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0417	0.3491	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4908	44.4908	0.0136	0.0000	44.7771

3.4 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-004	1.1500e-003	0.0121	3.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.0302	2.0302	1.0000e-004	0.0000	2.0324
Total	9.6000e-004	1.1500e-003	0.0121	3.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.0302	2.0302	1.0000e-004	0.0000	2.0324

3.4 Paving - 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	8.8600e-003	0.0944	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2761
Paving	1.7000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0300e-003	0.0944	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2761

3.4 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	2.7000e-004	2.7700e-003	1.0000e-005	6.1000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4997	0.4997	2.0000e-005	0.0000	0.5002
Total	2.2000e-004	2.7000e-004	2.7700e-003	1.0000e-005	6.1000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4997	0.4997	2.0000e-005	0.0000	0.5002

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8600e-003	0.0755	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2760
Paving	1.7000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0300e-003	0.0755	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2760

3.4 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	2.7000e-004	2.7700e-003	1.0000e-005	6.1000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4997	0.4997	2.0000e-005	0.0000	0.5002
Total	2.2000e-004	2.7000e-004	2.7700e-003	1.0000e-005	6.1000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4997	0.4997	2.0000e-005	0.0000	0.5002

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	7.3626	7.3646	45.6467	0.0608	3.7600	0.0878	3.8477	1.0073	0.0810	1.0884	0.0000	4,195.5642	4,195.5642	0.2004	0.0000	4,199.7727
Unmitigated	7.3626	7.3646	45.6467	0.0608	3.7600	0.0878	3.8477	1.0073	0.0810	1.0884	0.0000	4,195.5642	4,195.5642	0.2004	0.0000	4,199.7727

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	19,444.70	19,444.70	19,444.70	10,099,767	10,099,767
Parking Lot	0.00	0.00	0.00		
Total	19,444.70	19,444.70	19,444.70	10,099,767	10,099,767

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
Arena	2.70	1.35	1.76	0.00	81.00	19.00	100	0	0
Parking Lot	10.00	5.00	6.50	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.503605	0.067800	0.178973	0.146934	0.044621	0.006359	0.021238	0.016884	0.002315	0.002275	0.006260	0.000554	0.002182

5.0 Energy Detail

4.4 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	1,651.0067	1,651.0067	0.0811	0.0168	1,657.9121
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,651.0067	1,651.0067	0.0811	0.0168	1,657.9121
NaturalGas Mitigated	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323
NaturalGas Unmitigated	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323

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					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Arena	1.22192e+007	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323
Total		0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323

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					
Arena	1.22192e+007	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Arena	6.14126e+006	1,644.3855	0.0808	0.0167	1,651.2633
Parking Lot	24728	6.6212	3.3000e-004	7.0000e-005	6.6489
Total		1,651.0067	0.0811	0.0168	1,657.9121

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Arena	6.14126e+006	1,644.3855	0.0808	0.0167	1,651.2633
Parking Lot	24728	6.6212	3.3000e-004	7.0000e-005	6.6489
Total		1,651.0067	0.0811	0.0168	1,657.9121

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.9314	5.0000e-005	5.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0105	0.0105	3.0000e-005	0.0000	0.0111
Unmitigated	1.9314	5.0000e-005	5.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0105	0.0105	3.0000e-005	0.0000	0.0111

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2757					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6552					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.1000e-004	5.0000e-005	5.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0105	0.0105	3.0000e-005	0.0000	0.0111
Total	1.9314	5.0000e-005	5.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0105	0.0105	3.0000e-005	0.0000	0.0111

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	0.2757					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6552					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.1000e-004	5.0000e-005	5.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0105	0.0105	3.0000e-005	0.0000	0.0111
Total	1.9314	5.0000e-005	5.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0105	0.0105	3.0000e-005	0.0000	0.0111

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	297.9160	0.2200	0.1337	343.9924
Unmitigated	297.9160	0.2192	0.1336	343.9251

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Arena	170.456 / 10.8802	297.9160	0.2192	0.1336	343.9251
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		297.9160	0.2192	0.1336	343.9251

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Arena	170.456 / 10.8802	297.9160	0.2200	0.1337	343.9924
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		297.9160	0.2200	0.1337	343.9924

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.2106	0.1306	0.0000	4.9540
Unmitigated	2.2106	0.1306	0.0000	4.9540

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Arena	10.89	2.2106	0.1306	0.0000	4.9540
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		2.2106	0.1306	0.0000	4.9540

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Arena	10.89	2.2106	0.1306	0.0000	4.9540
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		2.2106	0.1306	0.0000	4.9540

9.0 Operational Offroad

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

**MLS Stadium - Construction & Operations - MLS Match - Adjusted
Sacramento County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	28.10	1000sqft	0.65	28,100.00	0
Arena	395.70	1000sqft	127.19	395,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2020
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule.

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for buiding construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT -

Grading - Assume 18 acres disturbed

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates and trip lengths were adjusted to reflect the VMT provided by F&P.

Road Dust -

Area Coating -

Energy Use - Adjusted energy intsity rates to reflect the lastest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
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	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	3,100.00	250.00
tblConstructionPhase	NumDays	310.00	10.00
tblConstructionPhase	NumDays	220.00	54.00
tblConstructionPhase	PhaseEndDate	9/29/2017	10/1/2017
tblConstructionPhase	PhaseEndDate	10/14/2016	10/15/2016
tblConstructionPhase	PhaseEndDate	12/14/2017	1/15/2018
tblConstructionPhase	PhaseStartDate	10/2/2017	11/1/2017
tblEnergyUse	T24E	4.17	3.13
tblEnergyUse	T24NG	24.61	18.46
tblGrading	AcresOfGrading	25.00	18.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblVehicleTrips	CC_TL	5.00	1.35
tblVehicleTrips	CNW_TL	6.50	1.76
tblVehicleTrips	CW_TL	10.00	2.70
tblVehicleTrips	DV_TP	0.28	0.00

tblVehicleTrips	PB_TP	0.60	0.00
tblVehicleTrips	PR_TP	0.66	100.00
tblVehicleTrips	ST_TR	10.71	49.14
tblVehicleTrips	SU_TR	10.71	49.14
tblVehicleTrips	WD_TR	10.71	49.14

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	6.5596	74.8858	50.1026	0.0637	8.0831	3.5854	11.6685	3.5567	3.2985	6.8552	0.0000	6,574.8668	6,574.8668	1.9427	0.0000	6,615.6637
2017	4.4573	31.8873	34.5262	0.0585	1.7595	1.8674	3.6268	0.4746	1.7522	2.2268	0.0000	5,423.0277	5,423.0277	0.7230	0.0000	5,438.2102
2018	1.6910	17.2063	15.0789	0.0238	0.1141	0.9394	1.0535	0.0303	0.8643	0.8946	0.0000	2,356.1082	2,356.1082	0.7039	0.0000	2,370.8890
Total	12.7079	123.9795	99.7077	0.1460	9.9567	6.3922	16.3489	4.0616	5.9150	9.9765	0.0000	14,354.0027	14,354.0027	3.3695	0.0000	14,424.7629

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	6.5596	59.9231	50.1026	0.0637	3.7211	3.5854	7.3064	1.6227	3.2985	4.9212	0.0000	6,574.8668	6,574.8668	1.9427	0.0000	6,615.6637
2017	4.4573	26.6062	34.5262	0.0585	1.7595	1.8674	3.6268	0.4746	1.7522	2.2268	0.0000	5,423.0277	5,423.0277	0.7230	0.0000	5,438.2102
2018	1.6910	13.7738	15.0789	0.0238	0.1141	0.9394	1.0535	0.0303	0.8643	0.8946	0.0000	2,356.1082	2,356.1082	0.7039	0.0000	2,370.8890
Total	12.7079	100.3031	99.7077	0.1460	5.5946	6.3922	11.9868	2.1276	5.9150	8.0426	0.0000	14,354.0027	14,354.0027	3.3695	0.0000	14,424.7629

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	19.10	0.00	0.00	43.81	0.00	26.68	47.62	0.00	19.39	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10.5841	4.0000e-004	0.0436	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0928	0.0928	2.5000e-004		0.0980
Energy	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
Mobile	46.9368	38.2191	219.2651	0.3591	21.3879	0.4788	21.8667	5.7137	0.4421	6.1558		27,262.8668	27,262.8668	1.2136		27,288.3522
Total	57.8820	41.5016	222.0656	0.3788	21.3879	0.7284	22.1163	5.7137	0.6917	6.4054		31,201.4659	31,201.4659	1.2893	0.0722	31,250.9257

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	10.5841	4.0000e-004	0.0436	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0928	0.0928	2.5000e-004		0.0980
Energy	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
Mobile	46.9368	38.2191	219.2651	0.3591	21.3879	0.4788	21.8667	5.7137	0.4421	6.1558		27,262.8668	27,262.8668	1.2136		27,288.3522
Total	57.8820	41.5016	222.0656	0.3788	21.3879	0.7284	22.1163	5.7137	0.6917	6.4054		31,201.4659	31,201.4659	1.2893	0.0722	31,250.9257

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2016	10/15/2016	5	10	
2	Building Construction	Building Construction	10/16/2016	10/1/2017	5	250	
3	Paving	Paving	11/1/2017	1/15/2018	5	54	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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

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
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	178.00	69.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					7.9310	0.0000	7.9310	3.5163	0.0000	3.5163			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	7.9310	3.5842	11.5152	3.5163	3.2975	6.8138		6,414.9807	6,414.9807	1.9350		6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483

3.2 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.5689	0.0000	3.5689	1.5824	0.0000	1.5824			0.0000			0.0000
Off-Road	6.4795	59.8510	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	59.8510	49.1374	0.0617	3.5689	3.5842	7.1532	1.5824	3.2975	4.8799	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8337	5.5419	9.7235	0.0144	0.4053	0.0908	0.4961	0.1154	0.0834	0.1988		1,440.6054	1,440.6054	0.0113		1,440.8434
Worker	0.7134	0.6417	8.5898	0.0173	1.3540	9.9500e-003	1.3640	0.3592	9.1400e-003	0.3683		1,422.9859	1,422.9859	0.0687		1,424.4295
Total	1.5470	6.1835	18.3132	0.0318	1.7593	0.1008	1.8601	0.4746	0.0926	0.5671		2,863.5913	2,863.5913	0.0801		2,865.2729

3.3 Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	22.8051	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	22.8051	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8337	5.5419	9.7235	0.0144	0.4053	0.0908	0.4961	0.1154	0.0834	0.1988		1,440.6054	1,440.6054	0.0113		1,440.8434
Worker	0.7134	0.6417	8.5898	0.0173	1.3540	9.9500e-003	1.3640	0.3592	9.1400e-003	0.3683		1,422.9859	1,422.9859	0.0687		1,424.4295
Total	1.5470	6.1835	18.3132	0.0318	1.7593	0.1008	1.8601	0.4746	0.0926	0.5671		2,863.5913	2,863.5913	0.0801		2,865.2729

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7189	4.9081	8.7073	0.0144	0.4054	0.0766	0.4820	0.1154	0.0703	0.1858		1,416.3620	1,416.3620	0.0106		1,416.5838
Worker	0.6360	0.5736	7.6898	0.0173	1.3540	9.6100e-003	1.3637	0.3592	8.8700e-003	0.3680		1,366.8604	1,366.8604	0.0627		1,368.1774
Total	1.3549	5.4817	16.3971	0.0317	1.7594	0.0862	1.8456	0.4746	0.0792	0.5538		2,783.2224	2,783.2224	0.0733		2,784.7612

3.3 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7189	4.9081	8.7073	0.0144	0.4054	0.0766	0.4820	0.1154	0.0703	0.1858		1,416.3620	1,416.3620	0.0106		1,416.5838
Worker	0.6360	0.5736	7.6898	0.0173	1.3540	9.6100e-003	1.3637	0.3592	8.8700e-003	0.3680		1,366.8604	1,366.8604	0.0627		1,368.1774
Total	1.3549	5.4817	16.3971	0.0317	1.7594	0.0862	1.8456	0.4746	0.0792	0.5538		2,783.2224	2,783.2224	0.0733		2,784.7612

3.4 Paving - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9389	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0536	0.0483	0.6480	1.4600e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		115.1849	115.1849	5.2800e-003		115.2959
Total	0.0536	0.0483	0.6480	1.4600e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		115.1849	115.1849	5.2800e-003		115.2959

3.4 Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9389	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0536	0.0483	0.6480	1.4600e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		115.1849	115.1849	5.2800e-003		115.2959
Total	0.0536	0.0483	0.6480	1.4600e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		115.1849	115.1849	5.2800e-003		115.2959

3.4 Paving - 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	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6430	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0481	0.0436	0.5845	1.4600e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		110.8387	110.8387	4.8600e-003		110.9409
Total	0.0481	0.0436	0.5845	1.4600e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		110.8387	110.8387	4.8600e-003		110.9409

3.4 Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6430	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0481	0.0436	0.5845	1.4600e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		110.8387	110.8387	4.8600e-003		110.9409
Total	0.0481	0.0436	0.5845	1.4600e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		110.8387	110.8387	4.8600e-003		110.9409

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	46.9368	38.2191	219.2651	0.3591	21.3879	0.4788	21.8667	5.7137	0.4421	6.1558		27,262.8668	27,262.8668	1.2136		27,288.3522
Unmitigated	46.9368	38.2191	219.2651	0.3591	21.3879	0.4788	21.8667	5.7137	0.4421	6.1558		27,262.8668	27,262.8668	1.2136		27,288.3522

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	19,444.70	19,444.70	19,444.70	10,099,767	10,099,767
Parking Lot	0.00	0.00	0.00		
Total	19,444.70	19,444.70	19,444.70	10,099,767	10,099,767

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
Arena	2.70	1.35	1.76	0.00	81.00	19.00	100	0	0
Parking Lot	10.00	5.00	6.50	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.503605	0.067800	0.178973	0.146934	0.044621	0.006359	0.021238	0.016884	0.002315	0.002275	0.006260	0.000554	0.002182

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
NaturalGas Unmitigated	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755

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					
Arena	33477.3	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755

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					
Arena	33.4773	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.5841	4.0000e-004	0.0436	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0928	0.0928	2.5000e-004		0.0980
Unmitigated	10.5841	4.0000e-004	0.0436	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0928	0.0928	2.5000e-004		0.0980

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	1.5107					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.0693					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.1000e-003	4.0000e-004	0.0436	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0928	0.0928	2.5000e-004		0.0980
Total	10.5841	4.0000e-004	0.0436	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0928	0.0928	2.5000e-004		0.0980

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	1.5107					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.0693					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.1000e-003	4.0000e-004	0.0436	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0928	0.0928	2.5000e-004		0.0980
Total	10.5841	4.0000e-004	0.0436	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0928	0.0928	2.5000e-004		0.0980

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

**Outfall - Construction Only
Sacramento County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	5.40	1000sqft	0.12	5,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2016
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for buiding construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT -

Grading -

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates were provided by F&P

Road Dust -

Area Coating -

Energy Use - Adjusted energy intsity rates to reflect the lastest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	100.00	20.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	5.00	2.00
tblConstructionPhase	PhaseEndDate	1/29/2016	1/31/2016
tblConstructionPhase	PhaseEndDate	1/1/2016	1/2/2016
tblProjectCharacteristics	OperationalYear	2014	2016

2.0 Emissions Summary

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0249	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Energy	1.0800e-003	9.8000e-003	8.2300e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	34.6149	34.6149	1.3800e-003	4.4000e-004	34.7800
Mobile	0.0197	0.0463	0.2137	4.2000e-004	0.0293	6.2000e-004	0.0299	7.8400e-003	5.7000e-004	8.4100e-003	0.0000	32.8296	32.8296	1.4500e-003	0.0000	32.8602
Waste						0.0000	0.0000		0.0000	0.0000	1.3600	0.0000	1.3600	0.0804	0.0000	3.0479
Water						0.0000	0.0000		0.0000	0.0000	0.4418	1.6660	2.1078	1.6000e-003	9.8000e-004	2.4446
Total	0.0457	0.0561	0.2220	4.8000e-004	0.0293	1.3600e-003	0.0306	7.8400e-003	1.3100e-003	9.1500e-003	1.8019	69.1107	70.9125	0.0848	1.4200e-003	73.1328

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0249	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Energy	1.0800e-003	9.8000e-003	8.2300e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	34.6149	34.6149	1.3800e-003	4.4000e-004	34.7800
Mobile	0.0197	0.0463	0.2137	4.2000e-004	0.0293	6.2000e-004	0.0299	7.8400e-003	5.7000e-004	8.4100e-003	0.0000	32.8296	32.8296	1.4500e-003	0.0000	32.8602
Waste						0.0000	0.0000		0.0000	0.0000	1.3600	0.0000	1.3600	0.0804	0.0000	3.0479
Water						0.0000	0.0000		0.0000	0.0000	0.4418	1.6660	2.1078	1.6100e-003	9.8000e-004	2.4451
Total	0.0457	0.0561	0.2220	4.8000e-004	0.0293	1.3600e-003	0.0306	7.8400e-003	1.3100e-003	9.1500e-003	1.8019	69.1107	70.9125	0.0848	1.4200e-003	73.1333

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	1/2/2016	5	1	
2	Building Construction	Building Construction	1/3/2016	1/31/2016	5	20	
3	Paving	Paving	2/1/2016	2/2/2016	5	2	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Rollers	1	7.00	80	0.38

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
Grading	4	10.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	2.00	1.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 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					3.8000e-004	0.0000	3.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	5.6200e-003	4.3500e-003	1.0000e-005		4.0000e-004	4.0000e-004		3.8000e-004	3.8000e-004	0.0000	0.5414	0.5414	1.1000e-004	0.0000	0.5437
Total	6.6000e-004	5.6200e-003	4.3500e-003	1.0000e-005	3.8000e-004	4.0000e-004	7.8000e-004	2.1000e-004	3.8000e-004	5.9000e-004	0.0000	0.5414	0.5414	1.1000e-004	0.0000	0.5437

3.2 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	2.1000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0328	0.0328	0.0000	0.0000	0.0328	0.0000
Total	2.0000e-005	2.0000e-005	2.1000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0328	0.0328	0.0000	0.0000	0.0328	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7000e-004	0.0000	1.7000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	4.5000e-003	4.3500e-003	1.0000e-005		4.0000e-004	4.0000e-004		3.8000e-004	3.8000e-004	0.0000	0.5414	0.5414	1.1000e-004	0.0000	0.5437
Total	6.6000e-004	4.5000e-003	4.3500e-003	1.0000e-005	1.7000e-004	4.0000e-004	5.7000e-004	9.0000e-005	3.8000e-004	4.7000e-004	0.0000	0.5414	0.5414	1.1000e-004	0.0000	0.5437

3.2 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	2.1000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0328	0.0328	0.0000	0.0000	0.0328	0.0000
Total	2.0000e-005	2.0000e-005	2.1000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0328	0.0328	0.0000	0.0000	0.0328	0.0000

3.3 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	0.0138	0.1371	0.0821	1.1000e-004		9.4000e-003	9.4000e-003		8.6500e-003	8.6500e-003	0.0000	10.6917	10.6917	3.2200e-003	0.0000	10.7594
Total	0.0138	0.1371	0.0821	1.1000e-004		9.4000e-003	9.4000e-003		8.6500e-003	8.6500e-003	0.0000	10.6917	10.6917	3.2200e-003	0.0000	10.7594

3.3 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	0.0000
Vendor	1.3000e-004	8.5000e-004	1.6500e-003	0.0000	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1887	
Worker	7.0000e-005	8.0000e-005	8.4000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1311	0.1311	1.0000e-005	0.0000	0.1312	
Total	2.0000e-004	9.3000e-004	2.4900e-003	0.0000	2.1000e-004	1.0000e-005	2.2000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.3198	0.3198	1.0000e-005	0.0000	0.3200	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0138	0.1097	0.0821	1.1000e-004		9.4000e-003	9.4000e-003		8.6500e-003	8.6500e-003	0.0000	10.6917	10.6917	3.2200e-003	0.0000	10.7594
Total	0.0138	0.1097	0.0821	1.1000e-004		9.4000e-003	9.4000e-003		8.6500e-003	8.6500e-003	0.0000	10.6917	10.6917	3.2200e-003	0.0000	10.7594

3.3 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	1.3000e-004	8.5000e-004	1.6500e-003	0.0000	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1887
Worker	7.0000e-005	8.0000e-005	8.4000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1311	0.1311	1.0000e-005	0.0000	0.1312
Total	2.0000e-004	9.3000e-004	2.4900e-003	0.0000	2.1000e-004	1.0000e-005	2.2000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.3198	0.3198	1.0000e-005	0.0000	0.3200

3.4 Paving - 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	7.7000e-004	6.6800e-003	4.8000e-003	1.0000e-005		4.6000e-004	4.6000e-004		4.3000e-004	4.3000e-004	0.0000	0.6107	0.6107	1.6000e-004	0.0000	0.6140
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.7000e-004	6.6800e-003	4.8000e-003	1.0000e-005		4.6000e-004	4.6000e-004		4.3000e-004	4.3000e-004	0.0000	0.6107	0.6107	1.6000e-004	0.0000	0.6140

3.4 Paving - 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	6.0000e-005	7.0000e-005	7.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1180	0.1180	1.0000e-005	0.0000	0.1181
Total	6.0000e-005	7.0000e-005	7.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1180	0.1180	1.0000e-005	0.0000	0.1181

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.7000e-004	5.3400e-003	4.8000e-003	1.0000e-005		4.6000e-004	4.6000e-004		4.3000e-004	4.3000e-004	0.0000	0.6107	0.6107	1.6000e-004	0.0000	0.6140
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.7000e-004	5.3400e-003	4.8000e-003	1.0000e-005		4.6000e-004	4.6000e-004		4.3000e-004	4.3000e-004	0.0000	0.6107	0.6107	1.6000e-004	0.0000	0.6140

3.4 Paving - 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	6.0000e-005	7.0000e-005	7.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1180	0.1180	1.0000e-005	0.0000	0.1181
Total	6.0000e-005	7.0000e-005	7.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1180	0.1180	1.0000e-005	0.0000	0.1181

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0197	0.0463	0.2137	4.2000e-004	0.0293	6.2000e-004	0.0299	7.8400e-003	5.7000e-004	8.4100e-003	0.0000	32.8296	32.8296	1.4500e-003	0.0000	32.8602
Unmitigated	0.0197	0.0463	0.2137	4.2000e-004	0.0293	6.2000e-004	0.0299	7.8400e-003	5.7000e-004	8.4100e-003	0.0000	32.8296	32.8296	1.4500e-003	0.0000	32.8602

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	37.64	7.13	3.67	78,622	78,622
Total	37.64	7.13	3.67	78,622	78,622

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
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504516	0.068219	0.178179	0.147873	0.044976	0.006346	0.020386	0.015946	0.002304	0.002308	0.006193	0.000574	0.002181

5.0 Energy Detail

4.4 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	23.9442	23.9442	1.1800e-003	2.4000e-004	24.0443
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	23.9442	23.9442	1.1800e-003	2.4000e-004	24.0443
NaturalGas Mitigated	1.0800e-003	9.8000e-003	8.2300e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.6707	10.6707	2.0000e-004	2.0000e-004	10.7357
NaturalGas Unmitigated	1.0800e-003	9.8000e-003	8.2300e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.6707	10.6707	2.0000e-004	2.0000e-004	10.7357

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					
General Light Industry	199962	1.0800e-003	9.8000e-003	8.2300e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.6707	10.6707	2.0000e-004	2.0000e-004	10.7357
Total		1.0800e-003	9.8000e-003	8.2300e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.6707	10.6707	2.0000e-004	2.0000e-004	10.7357

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					
General Light Industry	199962	1.0800e-003	9.8000e-003	8.2300e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.6707	10.6707	2.0000e-004	2.0000e-004	10.7357
Total		1.0800e-003	9.8000e-003	8.2300e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.6707	10.6707	2.0000e-004	2.0000e-004	10.7357

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	89424	23.9442	1.1800e-003	2.4000e-004	24.0443
Total		23.9442	1.1800e-003	2.4000e-004	24.0443

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	89424	23.9442	1.1800e-003	2.4000e-004	24.0443
Total		23.9442	1.1800e-003	2.4000e-004	24.0443

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0249	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Unmitigated	0.0249	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004

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	3.7500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Total	0.0249	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004

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	3.7500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Total	0.0249	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.1078	1.6100e-003	9.8000e-004	2.4451
Unmitigated	2.1078	1.6000e-003	9.8000e-004	2.4446

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	1.24875 / 0	2.1078	1.6000e-003	9.8000e-004	2.4446
Total		2.1078	1.6000e-003	9.8000e-004	2.4446

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	1.24875 / 0	2.1078	1.6100e-003	9.8000e-004	2.4451
Total		2.1078	1.6100e-003	9.8000e-004	2.4451

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.3600	0.0804	0.0000	3.0479
Unmitigated	1.3600	0.0804	0.0000	3.0479

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	6.7	1.3600	0.0804	0.0000	3.0479
Total		1.3600	0.0804	0.0000	3.0479

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	6.7	1.3600	0.0804	0.0000	3.0479
Total		1.3600	0.0804	0.0000	3.0479

9.0 Operational Offroad

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

Outfall - Construction Only

Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	5.40	1000sqft	0.12	5,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2016
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for buiding construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT -

Grading -

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates were provided by F&P

Road Dust -

Area Coating -

Energy Use - Adjusted energy intsity rates to reflect the lastest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	100.00	20.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	5.00	2.00
tblConstructionPhase	PhaseEndDate	1/29/2016	1/31/2016
tblConstructionPhase	PhaseEndDate	1/1/2016	1/2/2016
tblProjectCharacteristics	OperationalYear	2014	2016

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1362	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1800e-003	1.1800e-003	0.0000		1.2500e-003
Energy	5.9100e-003	0.0537	0.0451	3.2000e-004		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003		64.4519	64.4519	1.2400e-003	1.1800e-003	64.8441
Mobile	0.1615	0.3118	1.6672	3.3000e-003	0.2204	4.4900e-003	0.2249	0.0589	4.1200e-003	0.0630		284.9250	284.9250	0.0117		285.1702
Total	0.3036	0.3655	1.7129	3.6200e-003	0.2204	8.5700e-003	0.2290	0.0589	8.2000e-003	0.0671		349.3781	349.3781	0.0129	1.1800e-003	350.0156

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	0.1362	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1800e-003	1.1800e-003	0.0000		1.2500e-003
Energy	5.9100e-003	0.0537	0.0451	3.2000e-004		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003		64.4519	64.4519	1.2400e-003	1.1800e-003	64.8441
Mobile	0.1615	0.3118	1.6672	3.3000e-003	0.2204	4.4900e-003	0.2249	0.0589	4.1200e-003	0.0630		284.9250	284.9250	0.0117		285.1702
Total	0.3036	0.3655	1.7129	3.6200e-003	0.2204	8.5700e-003	0.2290	0.0589	8.2000e-003	0.0671		349.3781	349.3781	0.0129	1.1800e-003	350.0156

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	1/2/2016	5	1	
2	Building Construction	Building Construction	1/3/2016	1/31/2016	5	20	
3	Paving	Paving	2/1/2016	2/2/2016	5	2	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Rollers	1	7.00	80	0.38

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
Grading	4	10.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	2.00	1.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	1.3122	11.2385	8.7048	0.0120		0.8039	0.8039		0.7674	0.7674		1,193.6106	1,193.6106	0.2386		1,198.6217
Total	1.3122	11.2385	8.7048	0.0120	0.7528	0.8039	1.5566	0.4138	0.7674	1.1811		1,193.6106	1,193.6106	0.2386		1,198.6217

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0401	0.0361	0.4826	9.7000e-004	0.0761	5.6000e-004	0.0766	0.0202	5.1000e-004	0.0207		79.9430	79.9430	3.8600e-003		80.0241
Total	0.0401	0.0361	0.4826	9.7000e-004	0.0761	5.6000e-004	0.0766	0.0202	5.1000e-004	0.0207		79.9430	79.9430	3.8600e-003		80.0241

3.2 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	1.3122	8.9908	8.7048	0.0120		0.8039	0.8039		0.7674	0.7674	0.0000	1,193.6106	1,193.6106	0.2386		1,198.6217
Total	1.3122	8.9908	8.7048	0.0120	0.3387	0.8039	1.1426	0.1862	0.7674	0.9536	0.0000	1,193.6106	1,193.6106	0.2386		1,198.6217

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0401	0.0361	0.4826	9.7000e-004	0.0761	5.6000e-004	0.0766	0.0202	5.1000e-004	0.0207		79.9430	79.9430	3.8600e-003		80.0241
Total	0.0401	0.0361	0.4826	9.7000e-004	0.0761	5.6000e-004	0.0766	0.0202	5.1000e-004	0.0207		79.9430	79.9430	3.8600e-003		80.0241

3.3 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	1.3816	13.7058	8.2122	0.0113		0.9398	0.9398		0.8646	0.8646		1,178.5549	1,178.5549	0.3555		1,186.0202
Total	1.3816	13.7058	8.2122	0.0113		0.9398	0.9398		0.8646	0.8646		1,178.5549	1,178.5549	0.3555		1,186.0202

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.0803	0.1409	2.1000e-004	5.8700e-003	1.3200e-003	7.1900e-003	1.6700e-003	1.2100e-003	2.8800e-003		20.8783	20.8783	1.6000e-004		20.8818
Worker	8.0200e-003	7.2100e-003	0.0965	1.9000e-004	0.0152	1.1000e-004	0.0153	4.0400e-003	1.0000e-004	4.1400e-003		15.9886	15.9886	7.7000e-004		16.0048
Total	0.0201	0.0875	0.2374	4.0000e-004	0.0211	1.4300e-003	0.0225	5.7100e-003	1.3100e-003	7.0200e-003		36.8670	36.8670	9.3000e-004		36.8866

3.3 Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3816	10.9647	8.2122	0.0113		0.9398	0.9398		0.8646	0.8646	0.0000	1,178.5549	1,178.5549	0.3555		1,186.0202
Total	1.3816	10.9647	8.2122	0.0113		0.9398	0.9398		0.8646	0.8646	0.0000	1,178.5549	1,178.5549	0.3555		1,186.0202

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.0803	0.1409	2.1000e-004	5.8700e-003	1.3200e-003	7.1900e-003	1.6700e-003	1.2100e-003	2.8800e-003		20.8783	20.8783	1.6000e-004		20.8818
Worker	8.0200e-003	7.2100e-003	0.0965	1.9000e-004	0.0152	1.1000e-004	0.0153	4.0400e-003	1.0000e-004	4.1400e-003		15.9886	15.9886	7.7000e-004		16.0048
Total	0.0201	0.0875	0.2374	4.0000e-004	0.0211	1.4300e-003	0.0225	5.7100e-003	1.3100e-003	7.0200e-003		36.8670	36.8670	9.3000e-004		36.8866

3.4 Paving - 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	0.7693	6.6793	4.7979	7.1500e-003		0.4644	0.4644		0.4308	0.4308		673.1850	673.1850	0.1731		676.8197
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7693	6.6793	4.7979	7.1500e-003		0.4644	0.4644		0.4308	0.4308		673.1850	673.1850	0.1731		676.8197

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0649	0.8686	1.7500e-003	0.1369	1.0100e-003	0.1379	0.0363	9.2000e-004	0.0373		143.8975	143.8975	6.9500e-003		144.0434
Total	0.0721	0.0649	0.8686	1.7500e-003	0.1369	1.0100e-003	0.1379	0.0363	9.2000e-004	0.0373		143.8975	143.8975	6.9500e-003		144.0434

3.4 Paving - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7693	5.3435	4.7979	7.1500e-003		0.4644	0.4644		0.4308	0.4308	0.0000	673.1850	673.1850	0.1731		676.8197
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7693	5.3435	4.7979	7.1500e-003		0.4644	0.4644		0.4308	0.4308	0.0000	673.1850	673.1850	0.1731		676.8197

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0649	0.8686	1.7500e-003	0.1369	1.0100e-003	0.1379	0.0363	9.2000e-004	0.0373		143.8975	143.8975	6.9500e-003		144.0434
Total	0.0721	0.0649	0.8686	1.7500e-003	0.1369	1.0100e-003	0.1379	0.0363	9.2000e-004	0.0373		143.8975	143.8975	6.9500e-003		144.0434

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	0.1615	0.3118	1.6672	3.3000e-003	0.2204	4.4900e-003	0.2249	0.0589	4.1200e-003	0.0630		284.9250	284.9250	0.0117		285.1702
Unmitigated	0.1615	0.3118	1.6672	3.3000e-003	0.2204	4.4900e-003	0.2249	0.0589	4.1200e-003	0.0630		284.9250	284.9250	0.0117		285.1702

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	37.64	7.13	3.67	78,622	78,622
Total	37.64	7.13	3.67	78,622	78,622

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
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504516	0.068219	0.178179	0.147873	0.044976	0.006346	0.020386	0.015946	0.002304	0.002308	0.006193	0.000574	0.002181

5.0 Energy Detail

4.4 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	5.9100e-003	0.0537	0.0451	3.2000e-004		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003		64.4519	64.4519	1.2400e-003	1.1800e-003	64.8441
NaturalGas Unmitigated	5.9100e-003	0.0537	0.0451	3.2000e-004		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003		64.4519	64.4519	1.2400e-003	1.1800e-003	64.8441

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					
General Light Industry	547.841	5.9100e-003	0.0537	0.0451	3.2000e-004		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003		64.4519	64.4519	1.2400e-003	1.1800e-003	64.8441
Total		5.9100e-003	0.0537	0.0451	3.2000e-004		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003		64.4519	64.4519	1.2400e-003	1.1800e-003	64.8441

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					
General Light Industry	0.547841	5.9100e-003	0.0537	0.0451	3.2000e-004		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003		64.4519	64.4519	1.2400e-003	1.1800e-003	64.8441
Total		5.9100e-003	0.0537	0.0451	3.2000e-004		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003		64.4519	64.4519	1.2400e-003	1.1800e-003	64.8441

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1362	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1800e-003	1.1800e-003	0.0000		1.2500e-003
Unmitigated	0.1362	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1800e-003	1.1800e-003	0.0000		1.2500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0206					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1156					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.0000e-005	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1800e-003	1.1800e-003	0.0000		1.2500e-003
Total	0.1362	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1800e-003	1.1800e-003	0.0000		1.2500e-003

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0206					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1156					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.0000e-005	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1800e-003	1.1800e-003	0.0000		1.2500e-003
Total	0.1362	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1800e-003	1.1800e-003	0.0000		1.2500e-003

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

RSPU - Construction & Operations - MLS Event - Adjusted Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,543.00	1000sqft	104.29	4,543,000.00	0
Hospital	1,228.00	1000sqft	28.19	1,228,000.00	0
Unenclosed Parking Structure	2,160.00	Space	19.44	864,000.00	0
Arena	395.70	1000sqft	127.19	395,700.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Apartments Mid Rise	6,000.00	Dwelling Unit	157.89	6,000,000.00	16020
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	905.00	1000sqft	20.78	905,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT - Assumed 750,000 cy of soil would be imported to the project site during grading.

Grading - Assumes 750,000 cubic yards of soil imported

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates and trip lengths were adjusted to reflect the VMT provided by F&P.

Area Coating -

Energy Use - Adjusted energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	255,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	197,850.00

tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	2,556,911.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	359,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	765,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	593,550.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	7,670,733.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	1,077,005.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00

tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
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tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
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tblConstructionPhase	NumDays	9,300.00	4,099.00
tblConstructionPhase	NumDays	9,300.00	760.00
tblConstructionPhase	NumDays	9,300.00	759.00
tblConstructionPhase	NumDays	930.00	261.00
tblConstructionPhase	NumDays	660.00	298.00
tblConstructionPhase	NumDays	660.00	48.00
tblConstructionPhase	NumDays	660.00	54.00
tblConstructionPhase	NumDays	660.00	50.00
tblConstructionPhase	PhaseEndDate	12/29/2034	12/31/2034
tblConstructionPhase	PhaseEndDate	8/24/2035	8/26/2035
tblConstructionPhase	PhaseEndDate	3/30/2018	1/15/2018
tblConstructionPhase	PhaseEndDate	1/16/2018	10/31/2017
tblConstructionPhase	PhaseEndDate	7/18/2033	9/16/2032

tblConstructionPhase	PhaseEndDate	12/14/2020	7/16/2021
tblConstructionPhase	PhaseEndDate	10/31/2024	4/12/2035
tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblConstructionPhase	PhaseEndDate	6/3/2036	11/8/2033
tblConstructionPhase	PhaseEndDate	3/7/2035	6/19/2035
tblConstructionPhase	PhaseEndDate	12/1/2032	1/15/2018
tblConstructionPhase	PhaseStartDate	1/16/2018	11/1/2017
tblConstructionPhase	PhaseStartDate	9/25/2021	9/27/2021
tblConstructionPhase	PhaseStartDate	1/1/2017	10/15/2016
tblConstructionPhase	PhaseStartDate	11/1/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	1/16/2018	8/20/2018
tblConstructionPhase	PhaseStartDate	12/4/2021	5/16/2032
tblConstructionPhase	PhaseStartDate	4/13/2035	9/17/2032
tblConstructionPhase	PhaseStartDate	1/1/2035	4/13/2035
tblConstructionPhase	PhaseStartDate	9/17/2032	11/1/2017
tblConstructionPhase	PhaseStartDate	7/17/2021	7/19/2021
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	4.17	3.13
tblEnergyUse	T24E	6.08	4.56
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24E	9.62	7.22
tblEnergyUse	T24E	4.39	3.29
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24NG	8,261.25	6,195.94
tblEnergyUse	T24NG	24.61	18.46
tblEnergyUse	T24NG	13.07	9.80
tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	58.20	43.65

tblEnergyUse	T24NG	34.77	26.08
tblEnergyUse	T24NG	4.72	3.54
tblGrading	AcresOfGrading	652.50	244.00
tblGrading	MaterialExported	0.00	750,000.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	HaulingTripLength	20.00	15.00
tblTripsAndVMT	HaulingTripNumber	93,750.00	107,143.00
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CC_TL	5.00	3.20
tblVehicleTrips	CNW_TL	6.50	4.16
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tblVehicleTrips	CNW_TL	6.50	4.16
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tblVehicleTrips	CW_TL	10.00	6.40
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tblVehicleTrips	CW_TL	10.00	6.40
tblVehicleTrips	CW_TL	10.00	6.40
tblVehicleTrips	CW_TL	10.00	6.40

tblVehicleTrips	CW_TL	10.00	6.40
tblVehicleTrips	CW_TL	10.00	6.40
tblVehicleTrips	CW_TL	10.00	6.40
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	0.28	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	29.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	6.50	4.16
tblVehicleTrips	HS_TL	5.00	3.20
tblVehicleTrips	HW_TL	10.00	6.40
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	0.60	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	26.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	0.66	100.00
tblVehicleTrips	PR_TP	66.00	100.00
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tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	73.00	100.00

tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	4.18
tblVehicleTrips	ST_TR	10.71	49.14
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	82.52	8.89
tblVehicleTrips	ST_TR	10.18	24.69
tblVehicleTrips	ST_TR	8.19	8.17
tblVehicleTrips	ST_TR	42.04	59.00
tblVehicleTrips	SU_TR	6.07	4.18
tblVehicleTrips	SU_TR	10.71	49.14
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	68.65	8.89
tblVehicleTrips	SU_TR	8.91	24.69
tblVehicleTrips	SU_TR	5.95	8.17
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tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	51.29	8.89
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tblVehicleTrips	WD_TR	44.32	59.00

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	3.8324	27.9621	44.4212	0.0723	3.7405	0.7787	4.5191	1.2019	0.7171	1.9190	0.0000	6,265.5625	6,265.5625	0.3555	0.0000	6,273.0284
2017	15.6543	57.7002	167.7121	0.3048	18.0743	1.2132	19.2875	4.8735	1.1239	5.9974	0.0000	24,087.4906	24,087.4906	0.8784	0.0000	24,105.9372
2018	9.1336	38.5262	112.4833	0.2259	13.3938	0.7995	14.1933	3.6119	0.7410	4.3529	0.0000	17,382.9422	17,382.9422	0.6036	0.0000	17,395.6172
2019	11.3520	51.0536	153.2798	0.3278	19.4842	1.0545	20.5387	5.2548	0.9773	6.2321	0.0000	24,592.0982	24,592.0982	0.8242	0.0000	24,609.4070
2020	10.1374	45.0173	142.5231	0.3287	19.5596	0.9478	20.5074	5.2753	0.8786	6.1539	0.0000	23,916.6256	23,916.6256	0.7899	0.0000	23,933.2127
2021	12.3421	30.0808	105.0550	0.2564	15.3203	0.6756	15.9959	4.1307	0.6263	4.7570	0.0000	18,472.7854	18,472.7854	0.6103	0.0000	18,485.6023
2022	4.4651	17.2706	64.1824	0.1630	9.7064	0.3998	10.1062	2.6180	0.3705	2.9884	0.0000	11,673.9835	11,673.9835	0.3663	0.0000	11,681.6766
2023	4.2095	15.7333	61.1215	0.1630	9.7071	0.3714	10.0785	2.6182	0.3441	2.9623	0.0000	11,592.3170	11,592.3170	0.3541	0.0000	11,599.7535
2024	4.0963	15.4786	59.6252	0.1643	9.7824	0.3645	10.1470	2.6386	0.3375	2.9761	0.0000	11,616.2850	11,616.2850	0.3484	0.0000	11,623.6010
2025	3.9490	15.0692	57.6853	0.1637	9.7456	0.3532	10.0988	2.6287	0.3268	2.9556	0.0000	11,514.7500	11,514.7500	0.3400	0.0000	11,521.8896
2026	3.8511	14.8559	56.2896	0.1637	9.7461	0.3539	10.1000	2.6289	0.3275	2.9564	0.0000	11,466.7639	11,466.7639	0.3344	0.0000	11,473.7861
2027	3.7688	14.6802	55.1294	0.1638	9.7466	0.3549	10.1015	2.6291	0.3284	2.9575	0.0000	11,425.5615	11,425.5615	0.3294	0.0000	11,432.4792
2028	3.6681	14.4654	53.7682	0.1632	9.7097	0.3541	10.0638	2.6192	0.3277	2.9469	0.0000	11,346.1895	11,346.1895	0.3237	0.0000	11,352.9870
2029	3.6063	14.3809	53.0062	0.1638	9.7474	0.3560	10.1034	2.6295	0.3294	2.9588	0.0000	11,359.4405	11,359.4405	0.3206	0.0000	11,366.1733
2030	3.5338	13.6674	52.3305	0.1644	9.7478	0.3071	10.0549	2.6296	0.2846	2.9142	0.0000	11,374.4862	11,374.4862	0.2596	0.0000	11,379.9385

	ROG	NOx	CO	SO2	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					
2031	3.4759	13.5579	51.7136	0.1644	9.7483	0.3076	10.0558	2.6298	0.2850	2.9148	0.0000	11,354.5182	11,354.5182	0.2561	0.0000	11,359.8955
2032	4.6532	18.3722	69.4473	0.2223	13.1260	0.4265	13.5525	3.5409	0.3961	3.9369	0.0000	15,343.3552	15,343.3552	0.3446	0.0000	15,350.5908
2033	12.8843	14.1740	52.9435	0.1700	9.9881	0.3453	10.3334	2.6931	0.3226	3.0157	0.0000	11,720.9117	11,720.9117	0.2681	0.0000	11,726.5421
2034	67.3893	13.7027	54.1131	0.1830	11.2905	0.3220	11.6125	3.0400	0.2986	3.3386	0.0000	12,368.1329	12,368.1329	0.2868	0.0000	12,374.1552
2035	4.5545	3.9218	15.2725	0.0509	3.0656	0.0922	3.1578	0.8258	0.0856	0.9115	0.0000	3,467.7684	3,467.7684	0.0789	0.0000	3,469.4261
Total	190.5567	449.6703	1,482.1028	3.7793	224.4303	10.1777	234.6080	60.7175	9.4284	70.1458	0.0000	272,341.9681	272,341.9681	8.2729	0.0000	272,515.6992

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	3.8323	25.8527	44.4212	0.0723	3.1944	0.7787	3.9731	0.9501	0.7171	1.6672	0.0000	6,265.5615	6,265.5615	0.3555	0.0000	6,273.0274
2017	15.6543	56.3440	167.7121	0.3048	18.0743	1.2132	19.2875	4.8735	1.1239	5.9974	0.0000	24,087.4899	24,087.4899	0.8784	0.0000	24,105.9365
2018	9.1336	37.6747	112.4833	0.2259	13.3938	0.7995	14.1933	3.6119	0.7410	4.3529	0.0000	17,382.9417	17,382.9417	0.6036	0.0000	17,395.6167
2019	11.3520	49.9592	153.2798	0.3278	19.4842	1.0545	20.5387	5.2548	0.9773	6.2321	0.0000	24,592.0975	24,592.0975	0.8242	0.0000	24,609.4063
2020	10.1374	44.0173	142.5231	0.3287	19.5596	0.9478	20.5074	5.2753	0.8786	6.1539	0.0000	23,916.6249	23,916.6249	0.7899	0.0000	23,933.2119
2021	12.3421	29.3128	105.0550	0.2564	15.3203	0.6756	15.9959	4.1307	0.6263	4.7570	0.0000	18,472.7847	18,472.7847	0.6103	0.0000	18,485.6016
2022	4.4651	16.8667	64.1824	0.1630	9.7064	0.3998	10.1062	2.6180	0.3705	2.9884	0.0000	11,673.9832	11,673.9832	0.3663	0.0000	11,681.6763

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	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Energy	1.2297	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	51,616.9573	51,616.9573	2.1712	0.6241	51,856.0093
Mobile	55.0202	81.9009	472.8398	1.6433	112.8160	1.8996	114.7156	30.2283	1.7552	31.9835	0.0000	104,567.9520	104,567.9520	2.9694	0.0000	104,630.3101
Waste						0.0000	0.0000		0.0000	0.0000	4,833.0951	0.0000	4,833.0951	285.6277	0.0000	10,831.2775
Water						0.0000	0.0000		0.0000	0.0000	577.1164	2,991.2551	3,568.3714	2.1333	1.2854	4,011.6586
Total	135.9919	93.6524	542.9982	1.7137	112.8160	3.0928	115.9088	30.2283	2.9484	33.1767	5,410.2114	159,277.4993	164,687.7107	292.9986	1.9095	171,432.6251

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	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Energy	1.2297	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	51,616.9573	51,616.9573	2.1712	0.6241	51,856.0093
Mobile	55.0202	81.9009	472.8398	1.6433	112.8160	1.8996	114.7156	30.2283	1.7552	31.9835	0.0000	104,567.9520	104,567.9520	2.9694	0.0000	104,630.3101
Waste						0.0000	0.0000		0.0000	0.0000	4,833.0951	0.0000	4,833.0951	285.6277	0.0000	10,831.2775
Water						0.0000	0.0000		0.0000	0.0000	577.1164	2,991.2551	3,568.3714	2.1409	1.2870	4,012.3031
Total	135.9919	93.6524	542.9982	1.7137	112.8160	3.0928	115.9088	30.2283	2.9484	33.1767	5,410.2114	159,277.4993	164,687.7107	293.0061	1.9111	171,433.2695

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction - MLS Stadium	Building Construction	10/15/2016	10/31/2017	5	272	
3	Building Construction - RSPU	Building Construction	1/1/2017	9/16/2032	5	4099	
4	Paving - MLS Stadium	Paving	11/1/2017	1/15/2018	5	54	
5	Architectural Coating - MLS Stadium	Architectural Coating	11/1/2017	1/15/2018	5	54	
6	Building Construction - KPMC Phase 1	Building Construction	8/20/2018	7/16/2021	5	760	
7	Paving - KPMC Phase 1	Paving	7/19/2021	9/24/2021	5	50	
8	Architectural Coating - KPMC Phase 1	Architectural Coating	9/27/2021	12/3/2021	5	50	
9	Building Construction - KPMC Phase 2	Building Construction	5/16/2032	4/12/2035	5	759	
10	Paving - RSPU	Paving	9/17/2032	11/8/2033	5	298	
11	Architectural Coating - RSPU	Architectural Coating	11/9/2033	12/31/2034	5	298	
12	Paving - KPMC Phase 2	Paving	4/13/2035	6/19/2035	5	48	
13	Architectural Coating - KPMC Phase 2	Architectural Coating	6/20/2035	8/26/2035	5	48	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 244

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 593,550; Non-Residential Outdoor: 197,850 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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 - MLS Stadium	Cranes	1	7.00	226	0.29
Building Construction - MLS Stadium	Forklifts	3	8.00	89	0.20
Building Construction - MLS Stadium	Generator Sets	1	8.00	84	0.74
Building Construction - MLS Stadium	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - MLS Stadium	Welders	1	8.00	46	0.45
Building Construction - RSPU	Cranes	1	7.00	226	0.29
Building Construction - RSPU	Forklifts	3	8.00	89	0.20
Building Construction - RSPU	Generator Sets	1	8.00	84	0.74
Building Construction - RSPU	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - RSPU	Welders	1	8.00	46	0.45
Paving - MLS Stadium	Pavers	2	8.00	125	0.42
Paving - MLS Stadium	Paving Equipment	2	8.00	130	0.36
Paving - MLS Stadium	Rollers	2	8.00	80	0.38
Architectural Coating - MLS Stadium	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 1	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 1	Welders	1	8.00	46	0.45
Paving - KPMC Phase 1	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 1	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 1	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 2	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 2	Generator Sets	1	8.00	84	0.74

Building Construction - KPMC Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 2	Welders	1	8.00	46	0.45
Paving - RSPU	Pavers	2	8.00	125	0.42
Paving - RSPU	Paving Equipment	2	8.00	130	0.36
Paving - RSPU	Rollers	2	8.00	80	0.38
Architectural Coating - RSPU	Air Compressors	1	6.00	78	0.48
Paving - KPMC Phase 2	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 2	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 2	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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction - MLS Stadium	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - PSPU	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - MLS Stadium	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 1	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 1	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 2	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - PSPU	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 2	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					0.9928	0.0000	0.9928	0.4577	0.0000	0.4577	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	9.7632	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649
Total	0.8456	9.7632	6.4124	8.0500e-003	0.9928	0.4677	1.4606	0.4577	0.4303	0.8880	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2231	10.7955	16.7692	0.0293	0.6757	0.1548	0.8305	0.1855	0.1422	0.3277	0.0000	2,662.5913	2,662.5913	0.0192	0.0000	2,662.9954
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7500e-003	0.0104	0.1095	2.3000e-004	0.0192	1.5000e-004	0.0193	5.1000e-003	1.3000e-004	5.2300e-003	0.0000	17.1074	17.1074	9.1000e-004	0.0000	17.1266
Total	1.2318	10.8059	16.8786	0.0295	0.6948	0.1549	0.8498	0.1906	0.1424	0.3329	0.0000	2,679.6987	2,679.6987	0.0202	0.0000	2,680.1220

3.2 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4468	0.0000	0.4468	0.2060	0.0000	0.2060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	7.8105	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640
Total	0.8456	7.8105	6.4124	8.0500e-003	0.4468	0.4677	0.9145	0.2060	0.4303	0.6363	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2231	10.7955	16.7692	0.0293	0.6757	0.1548	0.8305	0.1855	0.1422	0.3277	0.0000	2,662.5913	2,662.5913	0.0192	0.0000	2,662.9954
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7500e-003	0.0104	0.1095	2.3000e-004	0.0192	1.5000e-004	0.0193	5.1000e-003	1.3000e-004	5.2300e-003	0.0000	17.1074	17.1074	9.1000e-004	0.0000	17.1266
Total	1.2318	10.8059	16.8786	0.0295	0.6948	0.1549	0.8498	0.1906	0.1424	0.3329	0.0000	2,679.6987	2,679.6987	0.0202	0.0000	2,680.1220

3.3 Building Construction - MLS Stadium - 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	0.0937	0.7839	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9391
Total	0.0937	0.7839	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9391

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.8993	5.6999	11.0923	0.0141	0.3839	0.0892	0.4731	0.1098	0.0819	0.1917	0.0000	1,270.4093	1,270.4093	0.0102	0.0000	1,270.6226
Worker	0.7620	0.9092	9.5289	0.0200	1.6689	0.0127	1.6816	0.4439	0.0117	0.4555	0.0000	1,489.4080	1,489.4080	0.0796	0.0000	1,491.0799
Total	1.6613	6.6091	20.6212	0.0340	2.0528	0.1019	2.1547	0.5536	0.0936	0.6472	0.0000	2,759.8173	2,759.8173	0.0898	0.0000	2,761.7025

3.3 Building Construction - MLS Stadium - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0937	0.6271	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9390
Total	0.0937	0.6271	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9390

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.8993	5.6999	11.0923	0.0141	0.3839	0.0892	0.4731	0.1098	0.0819	0.1917	0.0000	1,270.4093	1,270.4093	0.0102	0.0000	1,270.6226
Worker	0.7620	0.9092	9.5289	0.0200	1.6689	0.0127	1.6816	0.4439	0.0117	0.4555	0.0000	1,489.4080	1,489.4080	0.0796	0.0000	1,491.0799
Total	1.6613	6.6091	20.6212	0.0340	2.0528	0.1019	2.1547	0.5536	0.0936	0.6472	0.0000	2,759.8173	2,759.8173	0.0898	0.0000	2,761.7025

3.3 Building Construction - MLS Stadium - 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	0.3366	2.8650	1.9670	2.9100e-003		0.1933	0.1933		0.1815	0.1815	0.0000	259.8348	259.8348	0.0640	0.0000	261.1778
Total	0.3366	2.8650	1.9670	2.9100e-003		0.1933	0.1933		0.1815	0.1815	0.0000	259.8348	259.8348	0.0640	0.0000	261.1778

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.0512	19.9031	40.0187	0.0553	1.5152	0.2965	1.8117	0.4332	0.2724	0.7056	0.0000	4,927.9197	4,927.9197	0.0374	0.0000	4,928.7049
Worker	2.6663	3.2026	33.5330	0.0787	6.5845	0.0484	6.6329	1.7513	0.0447	1.7959	0.0000	5,643.9208	5,643.9208	0.2866	0.0000	5,649.9383
Total	5.7175	23.1057	73.5517	0.1341	8.0997	0.3449	8.4447	2.1845	0.3170	2.5015	0.0000	10,571.8405	10,571.8405	0.3239	0.0000	10,578.6432

3.3 Building Construction - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3366	2.2920	1.9670	2.9100e-003		0.1933	0.1933		0.1815	0.1815	0.0000	259.8345	259.8345	0.0640	0.0000	261.1775
Total	0.3366	2.2920	1.9670	2.9100e-003		0.1933	0.1933		0.1815	0.1815	0.0000	259.8345	259.8345	0.0640	0.0000	261.1775

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.0512	19.9031	40.0187	0.0553	1.5152	0.2965	1.8117	0.4332	0.2724	0.7056	0.0000	4,927.9197	4,927.9197	0.0374	0.0000	4,928.7049
Worker	2.6663	3.2026	33.5330	0.0787	6.5845	0.0484	6.6329	1.7513	0.0447	1.7959	0.0000	5,643.9208	5,643.9208	0.2866	0.0000	5,649.9383
Total	5.7175	23.1057	73.5517	0.1341	8.0997	0.3449	8.4447	2.1845	0.3170	2.5015	0.0000	10,571.8405	10,571.8405	0.3239	0.0000	10,578.6432

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.6558	23.8470	47.9487	0.0663	1.8155	0.3553	2.1707	0.5190	0.3263	0.8454	0.0000	5,904.4199	5,904.4199	0.0448	0.0000	5,905.3607
Worker	3.1947	3.8372	40.1778	0.0943	7.8893	0.0580	7.9473	2.0983	0.0535	2.1518	0.0000	6,762.3015	6,762.3015	0.3433	0.0000	6,769.5114
Total	6.8505	27.6842	88.1264	0.1606	9.7047	0.4133	10.1180	2.6173	0.3798	2.9972	0.0000	12,666.7214	12,666.7214	0.3881	0.0000	12,674.8720

3.4 Building Construction - RSPU - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7462	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	2.7462	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.6558	23.8470	47.9487	0.0663	1.8155	0.3553	2.1707	0.5190	0.3263	0.8454	0.0000	5,904.4199	5,904.4199	0.0448	0.0000	5,905.3607
Worker	3.1947	3.8372	40.1778	0.0943	7.8893	0.0580	7.9473	2.0983	0.0535	2.1518	0.0000	6,762.3015	6,762.3015	0.3433	0.0000	6,769.5114
Total	6.8505	27.6842	88.1264	0.1606	9.7047	0.4133	10.1180	2.6173	0.3798	2.9972	0.0000	12,666.7214	12,666.7214	0.3881	0.0000	12,674.8720

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.0321	21.5660	43.4150	0.0663	1.8220	0.3277	2.1497	0.5209	0.3012	0.8221	0.0000	5,817.6462	5,817.6462	0.0439	0.0000	5,818.5674
Worker	2.8618	3.4659	36.2395	0.0946	7.9196	0.0571	7.9767	2.1064	0.0528	2.1592	0.0000	6,531.6982	6,531.6982	0.3171	0.0000	6,538.3583
Total	5.8939	25.0319	79.6545	0.1609	9.7416	0.3848	10.1264	2.6272	0.3540	2.9813	0.0000	12,349.3444	12,349.3444	0.3610	0.0000	12,356.9257

3.4 Building Construction - RSPU - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.4284	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	2.4284	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.0321	21.5660	43.4150	0.0663	1.8220	0.3277	2.1497	0.5209	0.3012	0.8221	0.0000	5,817.6462	5,817.6462	0.0439	0.0000	5,818.5674
Worker	2.8618	3.4659	36.2395	0.0946	7.9196	0.0571	7.9767	2.1064	0.0528	2.1592	0.0000	6,531.6982	6,531.6982	0.3171	0.0000	6,538.3583
Total	5.8939	25.0319	79.6545	0.1609	9.7416	0.3848	10.1264	2.6272	0.3540	2.9813	0.0000	12,349.3444	12,349.3444	0.3610	0.0000	12,356.9257

3.4 Building Construction - RSPU - 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7439	19.6221	41.0339	0.0662	1.8225	0.3032	2.1257	0.5211	0.2787	0.7998	0.0000	5,723.3825	5,723.3825	0.0428	0.0000	5,724.2802
Worker	2.6252	3.1688	33.3718	0.0942	7.9196	0.0564	7.9760	2.1064	0.0523	2.1586	0.0000	6,267.1364	6,267.1364	0.2950	0.0000	6,273.3321
Total	5.3691	22.7909	74.4057	0.1604	9.7421	0.3595	10.1017	2.6274	0.3310	2.9584	0.0000	11,990.5189	11,990.5189	0.3378	0.0000	11,997.6122

3.4 Building Construction - RSPU - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7439	19.6221	41.0339	0.0662	1.8225	0.3032	2.1257	0.5211	0.2787	0.7998	0.0000	5,723.3825	5,723.3825	0.0428	0.0000	5,724.2802
Worker	2.6252	3.1688	33.3718	0.0942	7.9196	0.0564	7.9760	2.1064	0.0523	2.1586	0.0000	6,267.1364	6,267.1364	0.2950	0.0000	6,273.3321
Total	5.3691	22.7909	74.4057	0.1604	9.7421	0.3595	10.1017	2.6274	0.3310	2.9584	0.0000	11,990.5189	11,990.5189	0.3378	0.0000	11,997.6122

3.4 Building Construction - RSPU - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3305	17.0632	37.9263	0.0663	1.8299	0.2715	2.1014	0.5232	0.2497	0.7729	0.0000	5,614.0668	5,614.0668	0.0414	0.0000	5,614.9361
Worker	2.4617	2.9455	31.1334	0.0945	7.9500	0.0566	8.0066	2.1144	0.0525	2.1669	0.0000	6,042.0947	6,042.0947	0.2799	0.0000	6,047.9730
Total	4.7921	20.0087	69.0596	0.1609	9.7798	0.3281	10.1079	2.6376	0.3022	2.9399	0.0000	11,656.1614	11,656.1614	0.3213	0.0000	11,662.9091

3.4 Building Construction - RSPU - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3305	17.0632	37.9263	0.0663	1.8299	0.2715	2.1014	0.5232	0.2497	0.7729	0.0000	5,614.0668	5,614.0668	0.0414	0.0000	5,614.9361
Worker	2.4617	2.9455	31.1334	0.0945	7.9500	0.0566	8.0066	2.1144	0.0525	2.1669	0.0000	6,042.0947	6,042.0947	0.2799	0.0000	6,047.9730
Total	4.7921	20.0087	69.0596	0.1609	9.7798	0.3281	10.1079	2.6376	0.3022	2.9399	0.0000	11,656.1614	11,656.1614	0.3213	0.0000	11,662.9091

3.4 Building Construction - RSPU - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.1285	14.2270	35.9730	0.0660	1.8234	0.2436	2.0670	0.5214	0.2241	0.7455	0.0000	5,589.5100	5,589.5100	0.0410	0.0000	5,590.3701
Worker	2.3144	2.7405	29.0771	0.0941	7.9196	0.0567	7.9763	2.1064	0.0526	2.1589	0.0000	5,917.1275	5,917.1275	0.2655	0.0000	5,922.7025
Total	4.4429	16.9675	65.0501	0.1602	9.7430	0.3003	10.0433	2.6278	0.2767	2.9044	0.0000	11,506.6375	11,506.6375	0.3064	0.0000	11,513.0727

3.4 Building Construction - RSPU - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2471	1.8103	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565
Total	0.2471	1.8103	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.1285	14.2270	35.9730	0.0660	1.8234	0.2436	2.0670	0.5214	0.2241	0.7455	0.0000	5,589.5100	5,589.5100	0.0410	0.0000	5,590.3701
Worker	2.3144	2.7405	29.0771	0.0941	7.9196	0.0567	7.9763	2.1064	0.0526	2.1589	0.0000	5,917.1275	5,917.1275	0.2655	0.0000	5,922.7025
Total	4.4429	16.9675	65.0501	0.1602	9.7430	0.3003	10.0433	2.6278	0.2767	2.9044	0.0000	11,506.6375	11,506.6375	0.3064	0.0000	11,513.0727

3.4 Building Construction - RSPU - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0605	12.6866	34.7925	0.0658	1.8171	0.2383	2.0554	0.5197	0.2192	0.7389	0.0000	5,570.3394	5,570.3394	0.0415	0.0000	5,571.2098
Worker	2.1837	2.5643	27.2673	0.0938	7.8893	0.0568	7.9461	2.0983	0.0527	2.1510	0.0000	5,803.6495	5,803.6495	0.2531	0.0000	5,808.9651
Total	4.2442	15.2509	62.0598	0.1595	9.7064	0.2951	10.0015	2.6180	0.2719	2.8899	0.0000	11,373.9889	11,373.9889	0.2946	0.0000	11,380.1749

3.4 Building Construction - RSPU - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2209	1.6158	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9943	299.9943	0.0718	0.0000	301.5013
Total	0.2209	1.6158	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9943	299.9943	0.0718	0.0000	301.5013

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0605	12.6866	34.7925	0.0658	1.8171	0.2383	2.0554	0.5197	0.2192	0.7389	0.0000	5,570.3394	5,570.3394	0.0415	0.0000	5,571.2098
Worker	2.1837	2.5643	27.2673	0.0938	7.8893	0.0568	7.9461	2.0983	0.0527	2.1510	0.0000	5,803.6495	5,803.6495	0.2531	0.0000	5,808.9651
Total	4.2442	15.2509	62.0598	0.1595	9.7064	0.2951	10.0015	2.6180	0.2719	2.8899	0.0000	11,373.9889	11,373.9889	0.2946	0.0000	11,380.1749

3.4 Building Construction - RSPU - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9304	11.4506	33.2313	0.0657	1.8178	0.2236	2.0414	0.5199	0.2058	0.7257	0.0000	5,569.4498	5,569.4498	0.0394	0.0000	5,570.2762
Worker	2.0755	2.4220	25.7830	0.0938	7.8893	0.0572	7.9465	2.0983	0.0531	2.1514	0.0000	5,722.7692	5,722.7692	0.2435	0.0000	5,727.8824
Total	4.0059	13.8727	59.0143	0.1595	9.7071	0.2809	9.9879	2.6182	0.2588	2.8770	0.0000	11,292.2190	11,292.2190	0.2828	0.0000	11,298.1586

3.4 Building Construction - RSPU - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2036	1.4885	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0976	300.0976	0.0713	0.0000	301.5946
Total	0.2036	1.4885	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0976	300.0976	0.0713	0.0000	301.5946

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9304	11.4506	33.2313	0.0657	1.8178	0.2236	2.0414	0.5199	0.2058	0.7257	0.0000	5,569.4498	5,569.4498	0.0394	0.0000	5,570.2762
Worker	2.0755	2.4220	25.7830	0.0938	7.8893	0.0572	7.9465	2.0983	0.0531	2.1514	0.0000	5,722.7692	5,722.7692	0.2435	0.0000	5,727.8824
Total	4.0059	13.8727	59.0143	0.1595	9.7071	0.2809	9.9879	2.6182	0.2588	2.8770	0.0000	11,292.2190	11,292.2190	0.2828	0.0000	11,298.1586

3.4 Building Construction - RSPU - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9088	11.4069	32.7656	0.0663	1.8325	0.2265	2.0589	0.5242	0.2083	0.7325	0.0000	5,618.7776	5,618.7776	0.0398	0.0000	5,619.6141
Worker	1.9955	2.3193	24.7462	0.0945	7.9500	0.0581	8.0080	2.1144	0.0539	2.1683	0.0000	5,695.0429	5,695.0429	0.2371	0.0000	5,700.0227
Total	3.9043	13.7262	57.5117	0.1608	9.7824	0.2845	10.0670	2.6386	0.2622	2.9009	0.0000	11,313.8205	11,313.8205	0.2770	0.0000	11,319.6367

3.4 Building Construction - RSPU - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1920	1.4020	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4642	302.4642	0.0714	0.0000	303.9639
Total	0.1920	1.4020	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4642	302.4642	0.0714	0.0000	303.9639

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9088	11.4069	32.7656	0.0663	1.8325	0.2265	2.0589	0.5242	0.2083	0.7325	0.0000	5,618.7776	5,618.7776	0.0398	0.0000	5,619.6141
Worker	1.9955	2.3193	24.7462	0.0945	7.9500	0.0581	8.0080	2.1144	0.0539	2.1683	0.0000	5,695.0429	5,695.0429	0.2371	0.0000	5,700.0227
Total	3.9043	13.7262	57.5117	0.1608	9.7824	0.2845	10.0670	2.6386	0.2622	2.9009	0.0000	11,313.8205	11,313.8205	0.2770	0.0000	11,319.6367

3.4 Building Construction - RSPU - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8628	11.2398	31.9516	0.0661	1.8260	0.2263	2.0523	0.5224	0.2082	0.7306	0.0000	5,602.1427	5,602.1427	0.0398	0.0000	5,602.9788
Worker	1.9085	2.2100	23.6390	0.0941	7.9196	0.0584	7.9780	2.1064	0.0542	2.1605	0.0000	5,611.2054	5,611.2054	0.2294	0.0000	5,616.0234
Total	3.7713	13.4497	55.5906	0.1602	9.7456	0.2847	10.0303	2.6288	0.2624	2.8911	0.0000	11,213.3481	11,213.3481	0.2692	0.0000	11,219.0022

3.4 Building Construction - RSPU - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8628	11.2398	31.9516	0.0661	1.8260	0.2263	2.0523	0.5224	0.2082	0.7306	0.0000	5,602.1427	5,602.1427	0.0398	0.0000	5,602.9788
Worker	1.9085	2.2100	23.6390	0.0941	7.9196	0.0584	7.9780	2.1064	0.0542	2.1605	0.0000	5,611.2054	5,611.2054	0.2294	0.0000	5,616.0234
Total	3.7713	13.4497	55.5906	0.1602	9.7456	0.2847	10.0303	2.6288	0.2624	2.8911	0.0000	11,213.3481	11,213.3481	0.2692	0.0000	11,219.0022

3.4 Building Construction - RSPU - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8345	11.1103	31.3996	0.0661	1.8265	0.2264	2.0528	0.5226	0.2083	0.7308	0.0000	5,607.1373	5,607.1373	0.0399	0.0000	5,607.9746
Worker	1.8389	2.1262	22.7952	0.0941	7.9196	0.0590	7.9786	2.1064	0.0548	2.1611	0.0000	5,558.2248	5,558.2248	0.2238	0.0000	5,562.9240
Total	3.6734	13.2365	54.1948	0.1602	9.7461	0.2854	10.0315	2.6289	0.2630	2.8919	0.0000	11,165.3621	11,165.3621	0.2636	0.0000	11,170.8986

3.4 Building Construction - RSPU - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8345	11.1103	31.3996	0.0661	1.8265	0.2264	2.0528	0.5226	0.2083	0.7308	0.0000	5,607.1373	5,607.1373	0.0399	0.0000	5,607.9746
Worker	1.8389	2.1262	22.7952	0.0941	7.9196	0.0590	7.9786	2.1064	0.0548	2.1611	0.0000	5,558.2248	5,558.2248	0.2238	0.0000	5,562.9240
Total	3.6734	13.2365	54.1948	0.1602	9.7461	0.2854	10.0315	2.6289	0.2630	2.8919	0.0000	11,165.3621	11,165.3621	0.2636	0.0000	11,170.8986

3.4 Building Construction - RSPU - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8177	11.0089	30.9845	0.0662	1.8270	0.2268	2.0538	0.5228	0.2087	0.7314	0.0000	5,611.7734	5,611.7734	0.0400	0.0000	5,612.6129
Worker	1.7735	2.0519	22.0501	0.0941	7.9196	0.0596	7.9792	2.1064	0.0553	2.1616	0.0000	5,512.3863	5,512.3863	0.2187	0.0000	5,516.9789
Total	3.5911	13.0608	53.0347	0.1603	9.7466	0.2864	10.0330	2.6291	0.2639	2.8931	0.0000	11,124.1596	11,124.1596	0.2587	0.0000	11,129.5918

3.4 Building Construction - RSPU - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8177	11.0089	30.9845	0.0662	1.8270	0.2268	2.0538	0.5228	0.2087	0.7314	0.0000	5,611.7734	5,611.7734	0.0400	0.0000	5,612.6129
Worker	1.7735	2.0519	22.0501	0.0941	7.9196	0.0596	7.9792	2.1064	0.0553	2.1616	0.0000	5,512.3863	5,512.3863	0.2187	0.0000	5,516.9789
Total	3.5911	13.0608	53.0347	0.1603	9.7466	0.2864	10.0330	2.6291	0.2639	2.8931	0.0000	11,124.1596	11,124.1596	0.2587	0.0000	11,129.5918

3.4 Building Construction - RSPU - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7846	10.8745	30.3637	0.0660	1.8204	0.2261	2.0465	0.5209	0.2080	0.7289	0.0000	5,593.7647	5,593.7647	0.0399	0.0000	5,594.6022
Worker	1.7065	1.9777	21.3178	0.0937	7.8893	0.0598	7.9491	2.0983	0.0555	2.1538	0.0000	5,452.1777	5,452.1777	0.2133	0.0000	5,456.6579
Total	3.4911	12.8522	51.6815	0.1597	9.7097	0.2859	9.9955	2.6192	0.2635	2.8827	0.0000	11,045.9424	11,045.9424	0.2532	0.0000	11,051.2600

3.4 Building Construction - RSPU - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1770	1.2906	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266
Total	0.1770	1.2906	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7846	10.8745	30.3637	0.0660	1.8204	0.2261	2.0465	0.5209	0.2080	0.7289	0.0000	5,593.7647	5,593.7647	0.0399	0.0000	5,594.6022
Worker	1.7065	1.9777	21.3178	0.0937	7.8893	0.0598	7.9491	2.0983	0.0555	2.1538	0.0000	5,452.1777	5,452.1777	0.2133	0.0000	5,456.6579
Total	3.4911	12.8522	51.6815	0.1597	9.7097	0.2859	9.9955	2.6192	0.2635	2.8827	0.0000	11,045.9424	11,045.9424	0.2532	0.0000	11,051.2600

3.4 Building Construction - RSPU - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7756	10.8398	30.1371	0.0662	1.8278	0.2270	2.0549	0.5231	0.2089	0.7320	0.0000	5,618.4885	5,618.4885	0.0401	0.0000	5,619.3302
Worker	1.6530	1.9216	20.7744	0.0941	7.9196	0.0604	7.9800	2.1064	0.0561	2.1624	0.0000	5,439.5501	5,439.5501	0.2098	0.0000	5,443.9557
Total	3.4286	12.7614	50.9115	0.1603	9.7474	0.2874	10.0349	2.6295	0.2649	2.8944	0.0000	11,058.0386	11,058.0386	0.2499	0.0000	11,063.2859

3.4 Building Construction - RSPU - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7756	10.8398	30.1371	0.0662	1.8278	0.2270	2.0549	0.5231	0.2089	0.7320	0.0000	5,618.4885	5,618.4885	0.0401	0.0000	5,619.3302
Worker	1.6530	1.9216	20.7744	0.0941	7.9196	0.0604	7.9800	2.1064	0.0561	2.1624	0.0000	5,439.5501	5,439.5501	0.2098	0.0000	5,443.9557
Total	3.4286	12.7614	50.9115	0.1603	9.7474	0.2874	10.0349	2.6295	0.2649	2.8944	0.0000	11,058.0386	11,058.0386	0.2499	0.0000	11,063.2859

3.4 Building Construction - RSPU - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7674	10.7703	29.9954	0.0663	1.8282	0.2272	2.0554	0.5233	0.2090	0.7322	0.0000	5,621.8180	5,621.8180	0.0401	0.0000	5,622.6608
Worker	1.5962	1.8638	20.2299	0.0941	7.9196	0.0607	7.9803	2.1064	0.0563	2.1627	0.0000	5,411.1401	5,411.1401	0.2058	0.0000	5,415.4617
Total	3.3636	12.6341	50.2254	0.1604	9.7478	0.2879	10.0357	2.6296	0.2653	2.8949	0.0000	11,032.9581	11,032.9581	0.2459	0.0000	11,038.1225

3.4 Building Construction - RSPU - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156
Total	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7674	10.7703	29.9954	0.0663	1.8282	0.2272	2.0554	0.5233	0.2090	0.7322	0.0000	5,621.8180	5,621.8180	0.0401	0.0000	5,622.6608
Worker	1.5962	1.8638	20.2299	0.0941	7.9196	0.0607	7.9803	2.1064	0.0563	2.1627	0.0000	5,411.1401	5,411.1401	0.2058	0.0000	5,415.4617
Total	3.3636	12.6341	50.2254	0.1604	9.7478	0.2879	10.0357	2.6296	0.2653	2.8949	0.0000	11,032.9581	11,032.9581	0.2459	0.0000	11,038.1225

3.4 Building Construction - RSPU - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7628	10.7146	29.8732	0.0663	1.8287	0.2274	2.0561	0.5234	0.2092	0.7327	0.0000	5,625.6074	5,625.6074	0.0402	0.0000	5,626.4513
Worker	1.5429	1.8100	19.7353	0.0941	7.9196	0.0609	7.9805	2.1064	0.0565	2.1628	0.0000	5,387.3827	5,387.3827	0.2022	0.0000	5,391.6281
Total	3.3057	12.5246	49.6085	0.1604	9.7483	0.2883	10.0366	2.6298	0.2657	2.8955	0.0000	11,012.9901	11,012.9901	0.2424	0.0000	11,018.0795

3.4 Building Construction - RSPU - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156
Total	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7628	10.7146	29.8732	0.0663	1.8287	0.2274	2.0561	0.5234	0.2092	0.7327	0.0000	5,625.6074	5,625.6074	0.0402	0.0000	5,626.4513
Worker	1.5429	1.8100	19.7353	0.0941	7.9196	0.0609	7.9805	2.1064	0.0565	2.1628	0.0000	5,387.3827	5,387.3827	0.2022	0.0000	5,391.6281
Total	3.3057	12.5246	49.6085	0.1604	9.7483	0.2883	10.0366	2.6298	0.2657	2.8955	0.0000	11,012.9901	11,012.9901	0.2424	0.0000	11,018.0795

3.4 Building Construction - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1213	0.7364	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3879	243.3879	9.7700e-003	0.0000	243.5930
Total	0.1213	0.7364	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3879	243.3879	9.7700e-003	0.0000	243.5930

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2518	7.6010	21.2132	0.0473	1.3035	0.1623	1.4658	0.3732	0.1493	0.5224	0.0000	4,011.5797	4,011.5797	0.0287	0.0000	4,012.1819
Worker	1.0647	1.2568	13.7644	0.0671	5.6439	0.0435	5.6873	1.5011	0.0403	1.5414	0.0000	3,825.1964	3,825.1964	0.1418	0.0000	3,828.1741
Total	2.3164	8.8578	34.9776	0.1143	6.9474	0.2057	7.1531	1.8742	0.1896	2.0638	0.0000	7,836.7760	7,836.7760	0.1705	0.0000	7,840.3560

3.4 Building Construction - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1213	0.5891	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3876	243.3876	9.7700e-003	0.0000	243.5927
Total	0.1213	0.5891	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3876	243.3876	9.7700e-003	0.0000	243.5927

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2518	7.6010	21.2132	0.0473	1.3035	0.1623	1.4658	0.3732	0.1493	0.5224	0.0000	4,011.5797	4,011.5797	0.0287	0.0000	4,012.1819
Worker	1.0647	1.2568	13.7644	0.0671	5.6439	0.0435	5.6873	1.5011	0.0403	1.5414	0.0000	3,825.1964	3,825.1964	0.1418	0.0000	3,828.1741
Total	2.3164	8.8578	34.9776	0.1143	6.9474	0.2057	7.1531	1.8742	0.1896	2.0638	0.0000	7,836.7760	7,836.7760	0.1705	0.0000	7,840.3560

3.5 Paving - MLS Stadium - 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	0.0410	0.4364	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4909	44.4909	0.0136	0.0000	44.7771
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0410	0.4364	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4909	44.4909	0.0136	0.0000	44.7771

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9200e-003	2.3000e-003	0.0241	6.0000e-005	8.8300e-003	3.0000e-005	8.8700e-003	2.2600e-003	3.0000e-005	2.3000e-003	0.0000	4.0604	4.0604	2.1000e-004	0.0000	4.0648
Total	1.9200e-003	2.3000e-003	0.0241	6.0000e-005	8.8300e-003	3.0000e-005	8.8700e-003	2.2600e-003	3.0000e-005	2.3000e-003	0.0000	4.0604	4.0604	2.1000e-004	0.0000	4.0648

3.5 Paving - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.3491	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4908	44.4908	0.0136	0.0000	44.7771
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0410	0.3491	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4908	44.4908	0.0136	0.0000	44.7771

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9200e-003	2.3000e-003	0.0241	6.0000e-005	8.8300e-003	3.0000e-005	8.8700e-003	2.2600e-003	3.0000e-005	2.3000e-003	0.0000	4.0604	4.0604	2.1000e-004	0.0000	4.0648
Total	1.9200e-003	2.3000e-003	0.0241	6.0000e-005	8.8300e-003	3.0000e-005	8.8700e-003	2.2600e-003	3.0000e-005	2.3000e-003	0.0000	4.0604	4.0604	2.1000e-004	0.0000	4.0648

3.5 Paving - MLS Stadium - 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	8.8600e-003	0.0944	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2761
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.8600e-003	0.0944	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2761

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	5.3000e-004	5.5500e-003	1.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	0.9995	0.9995	5.0000e-005	0.0000	1.0005
Total	4.4000e-004	5.3000e-004	5.5500e-003	1.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	0.9995	0.9995	5.0000e-005	0.0000	1.0005

3.5 Paving - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8600e-003	0.0755	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2760
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.8600e-003	0.0755	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2760

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	5.3000e-004	5.5500e-003	1.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	0.9995	0.9995	5.0000e-005	0.0000	1.0005
Total	4.4000e-004	5.3000e-004	5.5500e-003	1.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	0.9995	0.9995	5.0000e-005	0.0000	1.0005

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	2.1907					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1400e-003	0.0470	0.0402	6.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003	0.0000	5.4895	5.4895	5.8000e-004	0.0000	5.5017
Total	2.1978	0.0470	0.0402	6.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003	0.0000	5.4895	5.4895	5.8000e-004	0.0000	5.5017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1057	0.1270	1.3293	3.1200e-003	0.2610	1.9200e-003	0.2629	0.0694	1.7700e-003	0.0712	0.0000	223.7303	223.7303	0.0114	0.0000	223.9688
Total	0.1057	0.1270	1.3293	3.1200e-003	0.2610	1.9200e-003	0.2629	0.0694	1.7700e-003	0.0712	0.0000	223.7303	223.7303	0.0114	0.0000	223.9688

3.6 Architectural Coating - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.1907					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1400e-003	0.0376	0.0402	6.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003	0.0000	5.4895	5.4895	5.8000e-004	0.0000	5.5017
Total	2.1978	0.0376	0.0402	6.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003	0.0000	5.4895	5.4895	5.8000e-004	0.0000	5.5017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1057	0.1270	1.3293	3.1200e-003	0.2610	1.9200e-003	0.2629	0.0694	1.7700e-003	0.0712	0.0000	223.7303	223.7303	0.0114	0.0000	223.9688
Total	0.1057	0.1270	1.3293	3.1200e-003	0.2610	1.9200e-003	0.2629	0.0694	1.7700e-003	0.0712	0.0000	223.7303	223.7303	0.0114	0.0000	223.9688

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	0.5604					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6400e-003	0.0110	0.0102	2.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	1.4043	1.4043	1.3000e-004	0.0000	1.4071
Total	0.5621	0.0110	0.0102	2.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	1.4043	1.4043	1.3000e-004	0.0000	1.4071

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0241	0.0292	0.3055	8.0000e-004	0.0668	4.8000e-004	0.0673	0.0178	4.5000e-004	0.0182	0.0000	55.0698	55.0698	2.6700e-003	0.0000	55.1259
Total	0.0241	0.0292	0.3055	8.0000e-004	0.0668	4.8000e-004	0.0673	0.0178	4.5000e-004	0.0182	0.0000	55.0698	55.0698	2.6700e-003	0.0000	55.1259

3.6 Architectural Coating - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5604					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6400e-003	8.8300e-003	0.0102	2.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	1.4043	1.4043	1.3000e-004	0.0000	1.4071
Total	0.5621	8.8300e-003	0.0102	2.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	1.4043	1.4043	1.3000e-004	0.0000	1.4071

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0241	0.0292	0.3055	8.0000e-004	0.0668	4.8000e-004	0.0673	0.0178	4.5000e-004	0.0182	0.0000	55.0698	55.0698	2.6700e-003	0.0000	55.1259
Total	0.0241	0.0292	0.3055	8.0000e-004	0.0668	4.8000e-004	0.0673	0.0178	4.5000e-004	0.0182	0.0000	55.0698	55.0698	2.6700e-003	0.0000	55.1259

3.7 Building Construction - KPMC Phase 1 - 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	0.1281	1.1165	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6495	113.6495	0.0278	0.0000	114.2335
Total	0.1281	1.1165	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6495	113.6495	0.0278	0.0000	114.2335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1152	7.9323	15.9687	0.0244	0.6702	0.1205	0.7907	0.1916	0.1108	0.3024	0.0000	2,139.8239	2,139.8239	0.0161	0.0000	2,140.1627
Worker	1.0526	1.2748	13.3295	0.0348	2.9130	0.0210	2.9340	0.7748	0.0194	0.7942	0.0000	2,402.4637	2,402.4637	0.1167	0.0000	2,404.9134
Total	2.1679	9.2071	29.2982	0.0592	3.5831	0.1415	3.7247	0.9663	0.1302	1.0966	0.0000	4,542.2876	4,542.2876	0.1328	0.0000	4,545.0761

3.7 Building Construction - KPMC Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1281	0.8932	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6493	113.6493	0.0278	0.0000	114.2334
Total	0.1281	0.8932	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6493	113.6493	0.0278	0.0000	114.2334

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1152	7.9323	15.9687	0.0244	0.6702	0.1205	0.7907	0.1916	0.1108	0.3024	0.0000	2,139.8239	2,139.8239	0.0161	0.0000	2,140.1627
Worker	1.0526	1.2748	13.3295	0.0348	2.9130	0.0210	2.9340	0.7748	0.0194	0.7942	0.0000	2,402.4637	2,402.4637	0.1167	0.0000	2,404.9134
Total	2.1679	9.2071	29.2982	0.0592	3.5831	0.1415	3.7247	0.9663	0.1302	1.0966	0.0000	4,542.2876	4,542.2876	0.1328	0.0000	4,545.0761

3.7 Building Construction - KPMC Phase 1 - 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7439	19.6221	41.0339	0.0662	1.8225	0.3032	2.1257	0.5211	0.2787	0.7998	0.0000	5,723.3825	5,723.3825	0.0428	0.0000	5,724.2802
Worker	2.6252	3.1688	33.3718	0.0942	7.9196	0.0564	7.9760	2.1064	0.0523	2.1586	0.0000	6,267.1364	6,267.1364	0.2950	0.0000	6,273.3321
Total	5.3691	22.7909	74.4057	0.1604	9.7421	0.3595	10.1017	2.6274	0.3310	2.9584	0.0000	11,990.5189	11,990.5189	0.3378	0.0000	11,997.6122

3.7 Building Construction - KPMC Phase 1 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7439	19.6221	41.0339	0.0662	1.8225	0.3032	2.1257	0.5211	0.2787	0.7998	0.0000	5,723.3825	5,723.3825	0.0428	0.0000	5,724.2802
Worker	2.6252	3.1688	33.3718	0.0942	7.9196	0.0564	7.9760	2.1064	0.0523	2.1586	0.0000	6,267.1364	6,267.1364	0.2950	0.0000	6,273.3321
Total	5.3691	22.7909	74.4057	0.1604	9.7421	0.3595	10.1017	2.6274	0.3310	2.9584	0.0000	11,990.5189	11,990.5189	0.3378	0.0000	11,997.6122

3.7 Building Construction - KPMC Phase 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3305	17.0632	37.9263	0.0663	1.8299	0.2715	2.1014	0.5232	0.2497	0.7729	0.0000	5,614.0668	5,614.0668	0.0414	0.0000	5,614.9361
Worker	2.4617	2.9455	31.1334	0.0945	7.9500	0.0566	8.0066	2.1144	0.0525	2.1669	0.0000	6,042.0947	6,042.0947	0.2799	0.0000	6,047.9730
Total	4.7921	20.0087	69.0596	0.1609	9.7798	0.3281	10.1079	2.6376	0.3022	2.9399	0.0000	11,656.1614	11,656.1614	0.3213	0.0000	11,662.9091

3.7 Building Construction - KPMC Phase 1 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3305	17.0632	37.9263	0.0663	1.8299	0.2715	2.1014	0.5232	0.2497	0.7729	0.0000	5,614.0668	5,614.0668	0.0414	0.0000	5,614.9361
Worker	2.4617	2.9455	31.1334	0.0945	7.9500	0.0566	8.0066	2.1144	0.0525	2.1669	0.0000	6,042.0947	6,042.0947	0.2799	0.0000	6,047.9730
Total	4.7921	20.0087	69.0596	0.1609	9.7798	0.3281	10.1079	2.6376	0.3022	2.9399	0.0000	11,656.1614	11,656.1614	0.3213	0.0000	11,662.9091

3.7 Building Construction - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1335	1.2225	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6275	162.6275	0.0392	0.0000	163.4503
Total	0.1335	1.2225	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6275	162.6275	0.0392	0.0000	163.4503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1499	7.6858	19.4337	0.0357	0.9851	0.1316	1.1166	0.2817	0.1211	0.4027	0.0000	3,019.6204	3,019.6204	0.0221	0.0000	3,020.0850
Worker	1.2503	1.4805	15.7083	0.0509	4.2784	0.0306	4.3090	1.1379	0.0284	1.1663	0.0000	3,196.6091	3,196.6091	0.1434	0.0000	3,199.6209
Total	2.4002	9.1663	35.1420	0.0865	5.2635	0.1622	5.4257	1.4196	0.1495	1.5691	0.0000	6,216.2295	6,216.2295	0.1656	0.0000	6,219.7059

3.7 Building Construction - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1335	0.9780	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6273	162.6273	0.0392	0.0000	163.4501
Total	0.1335	0.9780	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6273	162.6273	0.0392	0.0000	163.4501

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1499	7.6858	19.4337	0.0357	0.9851	0.1316	1.1166	0.2817	0.1211	0.4027	0.0000	3,019.6204	3,019.6204	0.0221	0.0000	3,020.0850
Worker	1.2503	1.4805	15.7083	0.0509	4.2784	0.0306	4.3090	1.1379	0.0284	1.1663	0.0000	3,196.6091	3,196.6091	0.1434	0.0000	3,199.6209
Total	2.4002	9.1663	35.1420	0.0865	5.2635	0.1622	5.4257	1.4196	0.1495	1.5691	0.0000	6,216.2295	6,216.2295	0.1656	0.0000	6,219.7059

3.8 Paving - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0308	0.3165	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3265
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0308	0.3165	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3265

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6100e-003	1.9100e-003	0.0202	7.0000e-005	0.0103	4.0000e-005	0.0103	2.6300e-003	4.0000e-005	2.6700e-003	0.0000	4.1155	4.1155	1.8000e-004	0.0000	4.1194
Total	1.6100e-003	1.9100e-003	0.0202	7.0000e-005	0.0103	4.0000e-005	0.0103	2.6300e-003	4.0000e-005	2.6700e-003	0.0000	4.1155	4.1155	1.8000e-004	0.0000	4.1194

3.8 Paving - KPMC Phase 1 - 2021**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0308	0.2532	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3264
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0308	0.2532	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3264

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6100e-003	1.9100e-003	0.0202	7.0000e-005	0.0103	4.0000e-005	0.0103	2.6300e-003	4.0000e-005	2.6700e-003	0.0000	4.1155	4.1155	1.8000e-004	0.0000	4.1194
Total	1.6100e-003	1.9100e-003	0.0202	7.0000e-005	0.0103	4.0000e-005	0.0103	2.6300e-003	4.0000e-005	2.6700e-003	0.0000	4.1155	4.1155	1.8000e-004	0.0000	4.1194

3.9 Architectural Coating - KPMC Phase 1 - 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	4.9919					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4700e-003	0.0382	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923
Total	4.9974	0.0382	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0887	0.1050	1.1143	3.6100e-003	0.3035	2.1700e-003	0.3057	0.0807	2.0200e-003	0.0827	0.0000	226.7647	226.7647	0.0102	0.0000	226.9784
Total	0.0887	0.1050	1.1143	3.6100e-003	0.3035	2.1700e-003	0.3057	0.0807	2.0200e-003	0.0827	0.0000	226.7647	226.7647	0.0102	0.0000	226.9784

3.9 Architectural Coating - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.9919					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4700e-003	0.0305	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923
Total	4.9974	0.0305	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0887	0.1050	1.1143	3.6100e-003	0.3035	2.1700e-003	0.3057	0.0807	2.0200e-003	0.0827	0.0000	226.7647	226.7647	0.0102	0.0000	226.9784
Total	0.0887	0.1050	1.1143	3.6100e-003	0.3035	2.1700e-003	0.3057	0.0807	2.0200e-003	0.0827	0.0000	226.7647	226.7647	0.0102	0.0000	226.9784

3.10 Building Construction - KPMC Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1076	0.6532	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9086	215.9086	8.6700e-003	0.0000	216.0906
Total	0.1076	0.6532	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9086	215.9086	8.6700e-003	0.0000	216.0906

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1104	6.7428	18.8182	0.0419	1.1564	0.1439	1.3003	0.3310	0.1324	0.4634	0.0000	3,558.6594	3,558.6594	0.0254	0.0000	3,559.1936
Worker	0.9445	1.1149	12.2103	0.0595	5.0067	0.0386	5.0452	1.3316	0.0358	1.3674	0.0000	3,393.3194	3,393.3194	0.1258	0.0000	3,395.9609
Total	2.0549	7.8577	31.0285	0.1014	6.1630	0.1825	6.3455	1.6626	0.1682	1.8308	0.0000	6,951.9787	6,951.9787	0.1512	0.0000	6,955.1545

3.10 Building Construction - KPMC Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1076	0.5226	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9083	215.9083	8.6700e-003	0.0000	216.0903
Total	0.1076	0.5226	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9083	215.9083	8.6700e-003	0.0000	216.0903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1104	6.7428	18.8182	0.0419	1.1564	0.1439	1.3003	0.3310	0.1324	0.4634	0.0000	3,558.6594	3,558.6594	0.0254	0.0000	3,559.1936
Worker	0.9445	1.1149	12.2103	0.0595	5.0067	0.0386	5.0452	1.3316	0.0358	1.3674	0.0000	3,393.3194	3,393.3194	0.1258	0.0000	3,395.9609
Total	2.0549	7.8577	31.0285	0.1014	6.1630	0.1825	6.3455	1.6626	0.1682	1.8308	0.0000	6,951.9787	6,951.9787	0.1512	0.0000	6,955.1545

3.10 Building Construction - KPMC Phase 2 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7471	10.5792	29.5794	0.0661	1.8226	0.2270	2.0496	0.5218	0.2088	0.7306	0.0000	5,610.8731	5,610.8731	0.0401	0.0000	5,611.7158
Worker	1.4469	1.7188	18.8991	0.0937	7.8893	0.0609	7.9501	2.0983	0.0565	2.1547	0.0000	5,330.7699	5,330.7699	0.1955	0.0000	5,334.8763
Total	3.1940	12.2980	48.4784	0.1599	9.7119	0.2878	9.9997	2.6201	0.2653	2.8854	0.0000	10,941.6431	10,941.6431	0.2357	0.0000	10,946.5921

3.10 Building Construction - KPMC Phase 2 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	0.8235	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060
Total	0.1695	0.8235	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7471	10.5792	29.5794	0.0661	1.8226	0.2270	2.0496	0.5218	0.2088	0.7306	0.0000	5,610.8731	5,610.8731	0.0401	0.0000	5,611.7158
Worker	1.4469	1.7188	18.8991	0.0937	7.8893	0.0609	7.9501	2.0983	0.0565	2.1547	0.0000	5,330.7699	5,330.7699	0.1955	0.0000	5,334.8763
Total	3.1940	12.2980	48.4784	0.1599	9.7119	0.2878	9.9997	2.6201	0.2653	2.8854	0.0000	10,941.6431	10,941.6431	0.2357	0.0000	10,946.5921

3.10 Building Construction - KPMC Phase 2 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7443	10.5386	29.4989	0.0662	1.8230	0.2271	2.0501	0.5220	0.2090	0.7309	0.0000	5,614.0778	5,614.0778	0.0402	0.0000	5,614.9213
Worker	1.4018	1.6861	18.5687	0.0937	7.8893	0.0609	7.9501	2.0983	0.0565	2.1548	0.0000	5,316.9882	5,316.9882	0.1930	0.0000	5,321.0412
Total	3.1461	12.2247	48.0677	0.1599	9.7123	0.2880	10.0003	2.6203	0.2654	2.8857	0.0000	10,931.0660	10,931.0660	0.2332	0.0000	10,935.9625

3.10 Building Construction - KPMC Phase 2 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	0.8235	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060
Total	0.1695	0.8235	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7443	10.5386	29.4989	0.0662	1.8230	0.2271	2.0501	0.5220	0.2090	0.7309	0.0000	5,614.0778	5,614.0778	0.0402	0.0000	5,614.9213
Worker	1.4018	1.6861	18.5687	0.0937	7.8893	0.0609	7.9501	2.0983	0.0565	2.1548	0.0000	5,316.9882	5,316.9882	0.1930	0.0000	5,321.0412
Total	3.1461	12.2247	48.0677	0.1599	9.7123	0.2880	10.0003	2.6203	0.2654	2.8857	0.0000	10,931.0660	10,931.0660	0.2332	0.0000	10,935.9625

3.10 Building Construction - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0449	0.2646	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8317	96.8317	3.6100e-003	0.0000	96.9075
Total	0.0449	0.2646	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8317	96.8317	3.6100e-003	0.0000	96.9075

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4952	2.9890	8.3703	0.0188	0.5190	0.0647	0.5836	0.1486	0.0595	0.2081	0.0000	1,598.6445	1,598.6445	0.0114	0.0000	1,598.8847
Worker	0.3878	0.4726	5.2043	0.0267	2.2454	0.0173	2.2627	0.5972	0.0161	0.6133	0.0000	1,510.0539	1,510.0539	0.0543	0.0000	1,511.1944
Total	0.8830	3.4617	13.5747	0.0455	2.7644	0.0820	2.8463	0.7458	0.0756	0.8214	0.0000	3,108.6983	3,108.6983	0.0658	0.0000	3,110.0791

3.10 Building Construction - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0449	0.2117	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8316	96.8316	3.6100e-003	0.0000	96.9074
Total	0.0449	0.2117	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8316	96.8316	3.6100e-003	0.0000	96.9074

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4952	2.9890	8.3703	0.0188	0.5190	0.0647	0.5836	0.1486	0.0595	0.2081	0.0000	1,598.6445	1,598.6445	0.0114	0.0000	1,598.8847
Worker	0.3878	0.4726	5.2043	0.0267	2.2454	0.0173	2.2627	0.5972	0.0161	0.6133	0.0000	1,510.0539	1,510.0539	0.0543	0.0000	1,511.1944
Total	0.8830	3.4617	13.5747	0.0455	2.7644	0.0820	2.8463	0.7458	0.0756	0.8214	0.0000	3,108.6983	3,108.6983	0.0658	0.0000	3,110.0791

3.11 Paving - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0515	0.2652	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6294	89.6294	4.2000e-003	0.0000	89.7176
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0515	0.2652	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6294	89.6294	4.2000e-003	0.0000	89.7176

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5800e-003	1.8600e-003	0.0204	1.0000e-004	0.0156	6.0000e-005	0.0157	4.0000e-003	6.0000e-005	4.0600e-003	0.0000	5.6746	5.6746	2.1000e-004	0.0000	5.6791
Total	1.5800e-003	1.8600e-003	0.0204	1.0000e-004	0.0156	6.0000e-005	0.0157	4.0000e-003	6.0000e-005	4.0600e-003	0.0000	5.6746	5.6746	2.1000e-004	0.0000	5.6791

3.11 Paving - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0515	0.2122	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6293	89.6293	4.2000e-003	0.0000	89.7175
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0515	0.2122	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6293	89.6293	4.2000e-003	0.0000	89.7175

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5800e-003	1.8600e-003	0.0204	1.0000e-004	0.0156	6.0000e-005	0.0157	4.0000e-003	6.0000e-005	4.0600e-003	0.0000	5.6746	5.6746	2.1000e-004	0.0000	5.6791
Total	1.5800e-003	1.8600e-003	0.0204	1.0000e-004	0.0156	6.0000e-005	0.0157	4.0000e-003	6.0000e-005	4.0600e-003	0.0000	5.6746	5.6746	2.1000e-004	0.0000	5.6791

3.11 Paving - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1504	0.7748	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8122	261.8122	0.0123	0.0000	262.0699
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1504	0.7748	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8122	261.8122	0.0123	0.0000	262.0699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4900e-003	5.3300e-003	0.0586	2.9000e-004	0.0456	1.9000e-004	0.0458	0.0117	1.8000e-004	0.0119	0.0000	16.5254	16.5254	6.1000e-004	0.0000	16.5382
Total	4.4900e-003	5.3300e-003	0.0586	2.9000e-004	0.0456	1.9000e-004	0.0458	0.0117	1.8000e-004	0.0119	0.0000	16.5254	16.5254	6.1000e-004	0.0000	16.5382

3.11 Paving - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1504	0.6198	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8119	261.8119	0.0123	0.0000	262.0696
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1504	0.6198	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8119	261.8119	0.0123	0.0000	262.0696

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4900e-003	5.3300e-003	0.0586	2.9000e-004	0.0456	1.9000e-004	0.0458	0.0117	1.8000e-004	0.0119	0.0000	16.5254	16.5254	6.1000e-004	0.0000	16.5382
Total	4.4900e-003	5.3300e-003	0.0586	2.9000e-004	0.0456	1.9000e-004	0.0458	0.0117	1.8000e-004	0.0119	0.0000	16.5254	16.5254	6.1000e-004	0.0000	16.5382

3.12 Architectural Coating - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.3211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0163	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553
Total	9.3236	0.0163	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0423	0.0503	0.5526	2.7400e-003	0.2307	1.7800e-003	0.2324	0.0614	1.6500e-003	0.0630	0.0000	155.8602	155.8602	5.7200e-003	0.0000	155.9803
Total	0.0423	0.0503	0.5526	2.7400e-003	0.2307	1.7800e-003	0.2324	0.0614	1.6500e-003	0.0630	0.0000	155.8602	155.8602	5.7200e-003	0.0000	155.9803

3.12 Architectural Coating - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.3211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0130	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553
Total	9.3236	0.0130	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0423	0.0503	0.5526	2.7400e-003	0.2307	1.7800e-003	0.2324	0.0614	1.6500e-003	0.0630	0.0000	155.8602	155.8602	5.7200e-003	0.0000	155.9803
Total	0.0423	0.0503	0.5526	2.7400e-003	0.2307	1.7800e-003	0.2324	0.0614	1.6500e-003	0.0630	0.0000	155.8602	155.8602	5.7200e-003	0.0000	155.9803

3.12 Architectural Coating - RSPU - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	63.7762					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	63.7932	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2804	0.3373	3.7147	0.0188	1.5782	0.0122	1.5904	0.4198	0.0113	0.4311	0.0000	1,063.6550	1,063.6550	0.0386	0.0000	1,064.4658
Total	0.2804	0.3373	3.7147	0.0188	1.5782	0.0122	1.5904	0.4198	0.0113	0.4311	0.0000	1,063.6550	1,063.6550	0.0386	0.0000	1,064.4658

3.12 Architectural Coating - RSPU - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	63.7762					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.0891	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	63.7932	0.0891	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2804	0.3373	3.7147	0.0188	1.5782	0.0122	1.5904	0.4198	0.0113	0.4311	0.0000	1,063.6550	1,063.6550	0.0386	0.0000	1,064.4658
Total	0.2804	0.3373	3.7147	0.0188	1.5782	0.0122	1.5904	0.4198	0.0113	0.4311	0.0000	1,063.6550	1,063.6550	0.0386	0.0000	1,064.4658

3.13 Paving - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0268	0.1149	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6538
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0268	0.1149	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6538

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589
Total	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589

3.13 Paving - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0268	0.0920	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6537
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0268	0.0920	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6537

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589
Total	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589

3.14 Architectural Coating - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5458					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8300e-003	0.0182	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326
Total	3.5486	0.0182	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0503	0.0613	0.6753	3.4600e-003	0.2914	2.2500e-003	0.2936	0.0775	2.0900e-003	0.0796	0.0000	195.9463	195.9463	7.0500e-003	0.0000	196.0943
Total	0.0503	0.0613	0.6753	3.4600e-003	0.2914	2.2500e-003	0.2936	0.0775	2.0900e-003	0.0796	0.0000	195.9463	195.9463	7.0500e-003	0.0000	196.0943

3.14 Architectural Coating - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5458					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8300e-003	0.0146	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326
Total	3.5486	0.0146	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0503	0.0613	0.6753	3.4600e-003	0.2914	2.2500e-003	0.2936	0.0775	2.0900e-003	0.0796	0.0000	195.9463	195.9463	7.0500e-003	0.0000	196.0943
Total	0.0503	0.0613	0.6753	3.4600e-003	0.2914	2.2500e-003	0.2936	0.0775	2.0900e-003	0.0796	0.0000	195.9463	195.9463	7.0500e-003	0.0000	196.0943

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	55.0202	81.9009	472.8398	1.6433	112.8160	1.8996	114.7156	30.2283	1.7552	31.9835	0.0000	104,567.9520	104,567.9520	2.9694	0.0000	104,630.3101
Unmitigated	55.0202	81.9009	472.8398	1.6433	112.8160	1.8996	114.7156	30.2283	1.7552	31.9835	0.0000	104,567.9520	104,567.9520	2.9694	0.0000	104,630.3101

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	25,080.00	25,080.00	25080.00	46,390,536	46,390,536
Arena	19,444.70	19,444.70	19444.70	23,940,188	23,940,188
City Park	0.00	0.00	0.00		
General Office Building	50,109.29	50,109.29	50109.29	80,955,446	80,955,446
Hardware/Paint Store	1,600.20	1,600.20	1600.20	2,223,648	2,223,648
Hospital	30,319.32	30,319.32	30319.32	60,249,000	60,249,000
Hotel	8,987.00	8,987.00	8987.00	13,095,540	13,095,540
Strip Mall	53,395.00	53,395.00	53395.00	76,063,869	76,063,869
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	188,935.51	188,935.51	188,935.51	302,918,228	302,918,228

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 Mid Rise	6.40	3.20	4.16	46.50	12.50	41.00	100	0	0
Arena	6.40	3.20	4.16	0.00	81.00	19.00	100	0	0
City Park	6.40	3.20	4.16	33.00	48.00	19.00	100	0	0
General Office Building	6.40	3.20	4.16	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	6.40	3.20	4.16	13.60	67.40	19.00	100	0	0
Hospital	6.40	3.20	4.16	64.90	16.10	19.00	100	0	0
Hotel	6.40	3.20	4.16	19.40	61.60	19.00	100	0	0
Strip Mall	6.40	3.20	4.16	16.60	64.40	19.00	100	0	0
Unenclosed Parking Structure	6.40	3.20	4.16	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 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	39,447.6857	39,447.6857	1.9379	0.4010	39,612.6775
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	39,447.6857	39,447.6857	1.9379	0.4010	39,612.6775
NaturalGas Mitigated	1.2297	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	12,169.2716	12,169.2716	0.2332	0.2231	12,243.3318
NaturalGas Unmitigated	1.2297	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	12,169.2716	12,169.2716	0.2332	0.2231	12,243.3318

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Land Use	kBTU/yr	tons/yr										MT/yr							
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
General Office Building	4.76106e+007	0.2567	2.3339	1.9604	0.0140		0.1774	0.1774		0.1774	0.1774	0.0000	2,540.6851	2,540.6851	0.0487	0.0466	2,556.1473		
Hardware/Paint Store	804600	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	42.9365	42.9365	8.2000e-004	7.9000e-004	43.1978		
Hospital	6.54033e+007	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087		
Hotel	5.04875e+007	0.2722	2.4749	2.0789	0.0149		0.1881	0.1881		0.1881	0.1881	0.0000	2,694.2048	2,694.2048	0.0516	0.0494	2,710.6013		
Strip Mall	4.04535e+006	0.0218	0.1983	0.1666	1.1900e-003		0.0151	0.0151		0.0151	0.0151	0.0000	215.8753	215.8753	4.1400e-003	3.9600e-003	217.1891		
Unenclosed Parking Structure	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	0.0000	
Apartments Mid Rise	4.7473e+007	0.2560	2.1875	0.9308	0.0140		0.1769	0.1769		0.1769	0.1769	0.0000	2,533.3379	2,533.3379	0.0486	0.0464	2,548.7554		
Arena	1.22192e+007	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323		
Total		1.2296	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	12,169.2716	12,169.2716	0.2333	0.2231	12,243.3318		

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Land Use	kBTU/yr	tons/yr										MT/yr							
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
General Office Building	4.76106e+007	0.2567	2.3339	1.9604	0.0140		0.1774	0.1774		0.1774	0.1774	0.0000	2,540.6851	2,540.6851	0.0487	0.0466	2,556.1473		
Hardware/Paint Store	804600	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	42.9365	42.9365	8.2000e-004	7.9000e-004	43.1978		
Hospital	6.54033e+007	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087		
Hotel	5.04875e+007	0.2722	2.4749	2.0789	0.0149		0.1881	0.1881		0.1881	0.1881	0.0000	2,694.2048	2,694.2048	0.0516	0.0494	2,710.6013		
Strip Mall	4.04535e+006	0.0218	0.1983	0.1666	1.1900e-003		0.0151	0.0151		0.0151	0.0151	0.0000	215.8753	215.8753	4.1400e-003	3.9600e-003	217.1891		
Unenclosed Parking Structure	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	0.0000	
Apartments Mid Rise	4.7473e+007	0.2560	2.1875	0.9308	0.0140		0.1769	0.1769		0.1769	0.1769	0.0000	2,533.3379	2,533.3379	0.0486	0.0464	2,548.7554		
Arena	1.22192e+007	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323		
Total		1.2296	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	12,169.2716	12,169.2716	0.2333	0.2231	12,243.3318		

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.12266e+007	5,683.642 2	0.2792	0.0578	5,707.414 3
Arena	6.14126e+006	1,644.385 5	0.0808	0.0167	1,651.263 3
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	6.59644e+007	17,662.62 44	0.8677	0.1795	17,736.49 92
Hardware/Paint Store	2.1564e+006	577.3979	0.0284	5.8700e-003	579.8129
Hospital	2.28776e+007	6,125.719 5	0.3009	0.0623	6,151.340 6
Hotel	1.58442e+007	4,242.451 2	0.2084	0.0431	4,260.195 5
Strip Mall	1.08419e+007	2,903.028 4	0.1426	0.0295	2,915.170 4
Unenclosed Parking Structure	2.27232e+006	608.4367	0.0299	6.1800e-003	610.9815
Total		39,447.68 57	1.9380	0.4010	39,612.67 75

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.12266e+007	5,683.642 2	0.2792	0.0578	5,707.414 3
Arena	6.14126e+006	1,644.385 5	0.0808	0.0167	1,651.263 3
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	6.59644e+007	17,662.62 44	0.8677	0.1795	17,736.49 92
Hardware/Paint Store	2.1564e+006	577.3979	0.0284	5.8700e-003	579.8129
Hospital	2.28776e+007	6,125.719 5	0.3009	0.0623	6,151.340 6
Hotel	1.58442e+007	4,242.451 2	0.2084	0.0431	4,260.195 5
Strip Mall	1.08419e+007	2,903.028 4	0.1426	0.0295	2,915.170 4
Unenclosed Parking Structure	2.27232e+006	608.4367	0.0299	6.1800e-003	610.9815
Total		39,447.68 57	1.9380	0.4010	39,612.67 75

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Unmitigated	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696

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	11.4158					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	66.4704					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	1.8558	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Total	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696

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	11.4158					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	66.4704					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	1.8558	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Total	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,568.3714	2.1409	1.2870	4,012.3031
Unmitigated	3,568.3714	2.1333	1.2854	4,011.6586

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	390.924 / 246.452	890.8230	0.5130	0.3084	997.2086
Arena	170.456 / 10.8802	297.9160	0.2192	0.1336	343.9251
City Park	0 / 35.7444	33.4983	1.6500e-003	3.4000e-004	33.6384
General Office Building	807.444 / 494.885	1,826.7071	1.0590	0.6369	2,046.3886
Hardware/Paint Store	13.3331 / 8.17187	30.1638	0.0175	0.0105	33.7913
Hospital	154.09 / 29.3505	287.6014	0.1991	0.1209	329.2696
Hotel	27.9034 / 3.10038	50.0050	0.0360	0.0219	57.5418
Strip Mall	67.0356 / 41.0864	151.6568	0.0879	0.0529	169.8952
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		3,568.3714	2.1333	1.2855	4,011.6586

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	390.924 / 246.452	890.8230	0.5148	0.3088	997.3631
Arena	170.456 / 10.8802	297.9160	0.2200	0.1337	343.9924
City Park	0 / 35.7444	33.4983	1.6500e-003	3.4000e-004	33.6384
General Office Building	807.444 / 494.885	1,826.7071	1.0627	0.6377	2,046.7076
Hardware/Paint Store	13.3331 / 8.17187	30.1638	0.0176	0.0105	33.7966
Hospital	154.09 / 29.3505	287.6014	0.1998	0.1211	329.3305
Hotel	27.9034 / 3.10038	50.0050	0.0361	0.0219	57.5528
Strip Mall	67.0356 / 41.0864	151.6568	0.0882	0.0529	169.9217
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		3,568.3714	2.1409	1.2870	4,012.3031

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4,833.095 1	285.6277	0.0000	10,831.27 75
Unmitigated	4,833.095 1	285.6277	0.0000	10,831.27 75

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	2760	560.2551	33.1101	0.0000	1,255.5677
Arena	10.89	2.2106	0.1306	0.0000	4.9540
City Park	2.58	0.5237	0.0310	0.0000	1.1737
General Office Building	4224.99	857.6348	50.6848	0.0000	1,922.0148
Hardware/Paint Store	1996.05	405.1801	23.9455	0.0000	908.0347
Hospital	13262.4	2,692.1474	159.1014	0.0000	6,033.2757
Hotel	602.25	122.2513	7.2249	0.0000	273.9731
Strip Mall	950.25	192.8922	11.3996	0.0000	432.2838
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		4,833.0951	285.6277	0.0000	10,831.2775

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	2760	560.2551	33.1101	0.0000	1,255.5677
Arena	10.89	2.2106	0.1306	0.0000	4.9540
City Park	2.58	0.5237	0.0310	0.0000	1.1737
General Office Building	4224.99	857.6348	50.6848	0.0000	1,922.0148
Hardware/Paint Store	1996.05	405.1801	23.9455	0.0000	908.0347
Hospital	13262.4	2,692.1474	159.1014	0.0000	6,033.2757
Hotel	602.25	122.2513	7.2249	0.0000	273.9731
Strip Mall	950.25	192.8922	11.3996	0.0000	432.2838
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		4,833.0951	285.6277	0.0000	10,831.2775

9.0 Operational Offroad

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

RSPU - Construction & Operations - Non MLS Event - Adjusted Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,543.00	1000sqft	104.29	4,543,000.00	0
Hospital	1,228.00	1000sqft	28.19	1,228,000.00	0
Unenclosed Parking Structure	2,160.00	Space	19.44	864,000.00	0
Arena	395.70	1000sqft	127.19	395,700.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Apartments Mid Rise	6,000.00	Dwelling Unit	157.89	6,000,000.00	16020
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	905.00	1000sqft	20.78	905,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT - Assumed 750,000 cy of soil would be imported to the project site during grading.

Grading - Assumes 750,000 cubic yards of soil imported

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates were provided by F&P. Trip lengths were adjusted to match the VMT provided by F&P.

Area Coating -

Energy Use - Adjusted energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	255,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	197,850.00

tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	2,556,911.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	359,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	765,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	593,550.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	7,670,733.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	1,077,005.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00

tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
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tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
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tblConstructionPhase	NumDays	9,300.00	760.00
tblConstructionPhase	NumDays	9,300.00	759.00
tblConstructionPhase	NumDays	930.00	261.00
tblConstructionPhase	NumDays	660.00	298.00
tblConstructionPhase	NumDays	660.00	48.00
tblConstructionPhase	NumDays	660.00	54.00
tblConstructionPhase	NumDays	660.00	50.00
tblConstructionPhase	PhaseEndDate	12/29/2034	12/31/2034
tblConstructionPhase	PhaseEndDate	8/24/2035	8/26/2035
tblConstructionPhase	PhaseEndDate	3/30/2018	1/15/2018
tblConstructionPhase	PhaseEndDate	1/16/2018	10/31/2017
tblConstructionPhase	PhaseEndDate	7/18/2033	9/16/2032

tblConstructionPhase	PhaseEndDate	12/14/2020	7/16/2021
tblConstructionPhase	PhaseEndDate	10/31/2024	4/12/2035
tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblConstructionPhase	PhaseEndDate	6/3/2036	11/8/2033
tblConstructionPhase	PhaseEndDate	3/7/2035	6/19/2035
tblConstructionPhase	PhaseEndDate	12/1/2032	1/15/2018
tblConstructionPhase	PhaseStartDate	1/16/2018	11/1/2017
tblConstructionPhase	PhaseStartDate	9/25/2021	9/27/2021
tblConstructionPhase	PhaseStartDate	1/1/2017	10/15/2016
tblConstructionPhase	PhaseStartDate	11/1/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	1/16/2018	8/20/2018
tblConstructionPhase	PhaseStartDate	12/4/2021	5/16/2032
tblConstructionPhase	PhaseStartDate	4/13/2035	9/17/2032
tblConstructionPhase	PhaseStartDate	1/1/2035	4/13/2035
tblConstructionPhase	PhaseStartDate	9/17/2032	11/1/2017
tblConstructionPhase	PhaseStartDate	7/17/2021	7/19/2021
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tblEnergyUse	T24E	6.08	4.56
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24E	9.62	7.22
tblEnergyUse	T24E	4.39	3.29
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24NG	8,261.25	6,195.94
tblEnergyUse	T24NG	24.61	18.46
tblEnergyUse	T24NG	13.07	9.80
tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	58.20	43.65

tblEnergyUse	T24NG	34.77	26.08
tblEnergyUse	T24NG	4.72	3.54
tblGrading	AcresOfGrading	652.50	244.00
tblGrading	MaterialExported	0.00	750,000.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	HaulingTripLength	20.00	15.00
tblTripsAndVMT	HaulingTripNumber	93,750.00	107,143.00
tblVehicleTrips	CC_TL	5.00	3.40
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tblVehicleTrips	CW_TL	10.00	6.80

tblVehicleTrips	CW_TL	10.00	6.80
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tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	6.50	4.42
tblVehicleTrips	HS_TL	5.00	3.40
tblVehicleTrips	HW_TL	10.00	6.80
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tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	26.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
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tblVehicleTrips	PR_TP	58.00	100.00
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tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	82.52	8.89
tblVehicleTrips	ST_TR	10.18	24.69
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tblVehicleTrips	SU_TR	10.71	0.51
tblVehicleTrips	SU_TR	1.59	0.00
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tblVehicleTrips	WD_TR	44.32	59.00

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	3.8324	27.9621	44.4212	0.0723	3.7405	0.7787	4.5191	1.2019	0.7171	1.9190	0.0000	6,265.5625	6,265.5625	0.3555	0.0000	6,273.0284
2017	15.6543	57.7002	167.7121	0.3048	18.0743	1.2132	19.2875	4.8735	1.1239	5.9974	0.0000	24,087.4906	24,087.4906	0.8784	0.0000	24,105.9372
2018	9.1336	38.5262	112.4833	0.2259	13.3938	0.7995	14.1933	3.6119	0.7410	4.3529	0.0000	17,382.9422	17,382.9422	0.6036	0.0000	17,395.6172
2019	11.3520	51.0536	153.2798	0.3278	19.4842	1.0545	20.5387	5.2548	0.9773	6.2321	0.0000	24,592.0982	24,592.0982	0.8242	0.0000	24,609.4070
2020	10.1374	45.0173	142.5231	0.3287	19.5596	0.9478	20.5074	5.2753	0.8786	6.1539	0.0000	23,916.6256	23,916.6256	0.7899	0.0000	23,933.2127
2021	12.3421	30.0808	105.0550	0.2564	15.3203	0.6756	15.9959	4.1307	0.6263	4.7570	0.0000	18,472.7854	18,472.7854	0.6103	0.0000	18,485.6023
2022	4.4651	17.2706	64.1824	0.1630	9.7064	0.3998	10.1062	2.6180	0.3705	2.9884	0.0000	11,673.9835	11,673.9835	0.3663	0.0000	11,681.6766
2023	4.2095	15.7333	61.1215	0.1630	9.7071	0.3714	10.0785	2.6182	0.3441	2.9623	0.0000	11,592.3170	11,592.3170	0.3541	0.0000	11,599.7535
2024	4.0963	15.4786	59.6252	0.1643	9.7824	0.3645	10.1470	2.6386	0.3375	2.9761	0.0000	11,616.2850	11,616.2850	0.3484	0.0000	11,623.6010
2025	3.9490	15.0692	57.6853	0.1637	9.7456	0.3532	10.0988	2.6287	0.3268	2.9556	0.0000	11,514.7500	11,514.7500	0.3400	0.0000	11,521.8896
2026	3.8511	14.8559	56.2896	0.1637	9.7461	0.3539	10.1000	2.6289	0.3275	2.9564	0.0000	11,466.7639	11,466.7639	0.3344	0.0000	11,473.7861
2027	3.7688	14.6802	55.1294	0.1638	9.7466	0.3549	10.1015	2.6291	0.3284	2.9575	0.0000	11,425.5615	11,425.5615	0.3294	0.0000	11,432.4792
2028	3.6681	14.4654	53.7682	0.1632	9.7097	0.3541	10.0638	2.6192	0.3277	2.9469	0.0000	11,346.1895	11,346.1895	0.3237	0.0000	11,352.9870
2029	3.6063	14.3809	53.0062	0.1638	9.7474	0.3560	10.1034	2.6295	0.3294	2.9588	0.0000	11,359.4405	11,359.4405	0.3206	0.0000	11,366.1733
2030	3.5338	13.6674	52.3305	0.1644	9.7478	0.3071	10.0549	2.6296	0.2846	2.9142	0.0000	11,374.4862	11,374.4862	0.2596	0.0000	11,379.9385

	ROG	NOx	CO	SO2	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					
2031	3.4759	13.5579	51.7136	0.1644	9.7483	0.3076	10.0558	2.6298	0.2850	2.9148	0.0000	11,354.5182	11,354.5182	0.2561	0.0000	11,359.8955
2032	4.6532	18.3722	69.4473	0.2223	13.1260	0.4265	13.5525	3.5409	0.3961	3.9369	0.0000	15,343.3552	15,343.3552	0.3446	0.0000	15,350.5908
2033	12.8843	14.1740	52.9435	0.1700	9.9881	0.3453	10.3334	2.6931	0.3226	3.0157	0.0000	11,720.9117	11,720.9117	0.2681	0.0000	11,726.5421
2034	67.3893	13.7027	54.1131	0.1830	11.2905	0.3220	11.6125	3.0400	0.2986	3.3386	0.0000	12,368.1329	12,368.1329	0.2868	0.0000	12,374.1552
2035	4.5545	3.9218	15.2725	0.0509	3.0656	0.0922	3.1578	0.8258	0.0856	0.9115	0.0000	3,467.7684	3,467.7684	0.0789	0.0000	3,469.4261
Total	190.5567	449.6703	1,482.1028	3.7793	224.4303	10.1777	234.6080	60.7175	9.4284	70.1458	0.0000	272,341.9681	272,341.9681	8.2729	0.0000	272,515.6992

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	3.8323	25.8527	44.4212	0.0723	3.1944	0.7787	3.9731	0.9501	0.7171	1.6672	0.0000	6,265.5615	6,265.5615	0.3555	0.0000	6,273.0274
2017	15.6543	56.3440	167.7121	0.3048	18.0743	1.2132	19.2875	4.8735	1.1239	5.9974	0.0000	24,087.4899	24,087.4899	0.8784	0.0000	24,105.9365
2018	9.1336	37.6747	112.4833	0.2259	13.3938	0.7995	14.1933	3.6119	0.7410	4.3529	0.0000	17,382.9417	17,382.9417	0.6036	0.0000	17,395.6167
2019	11.3520	49.9592	153.2798	0.3278	19.4842	1.0545	20.5387	5.2548	0.9773	6.2321	0.0000	24,592.0975	24,592.0975	0.8242	0.0000	24,609.4063
2020	10.1374	44.0173	142.5231	0.3287	19.5596	0.9478	20.5074	5.2753	0.8786	6.1539	0.0000	23,916.6249	23,916.6249	0.7899	0.0000	23,933.2119
2021	12.3421	29.3128	105.0550	0.2564	15.3203	0.6756	15.9959	4.1307	0.6263	4.7570	0.0000	18,472.7847	18,472.7847	0.6103	0.0000	18,485.6016
2022	4.4651	16.8667	64.1824	0.1630	9.7064	0.3998	10.1062	2.6180	0.3705	2.9884	0.0000	11,673.9832	11,673.9832	0.3663	0.0000	11,681.6763

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	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Energy	1.2297	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	51,616.9573	51,616.9573	2.1712	0.6241	51,856.0093
Mobile	50.3309	78.0720	446.8260	1.6024	110.4920	1.8293	112.3213	29.6056	1.6901	31.2957	0.0000	101,967.1440	101,967.1440	2.8797	0.0000	102,027.6170
Waste						0.0000	0.0000		0.0000	0.0000	4,833.0951	0.0000	4,833.0951	285.6277	0.0000	10,831.2775
Water						0.0000	0.0000		0.0000	0.0000	577.1164	2,991.2551	3,568.3714	2.1333	1.2854	4,011.6586
Total	131.3025	89.8236	516.9844	1.6728	110.4920	3.0225	113.5145	29.6056	2.8833	32.4889	5,410.2114	156,676.6913	162,086.9027	292.9088	1.9095	168,829.9320

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	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Energy	1.2297	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	51,616.9573	51,616.9573	2.1712	0.6241	51,856.0093
Mobile	50.3309	78.0720	446.8260	1.6024	110.4920	1.8293	112.3213	29.6056	1.6901	31.2957	0.0000	101,967.1440	101,967.1440	2.8797	0.0000	102,027.6170
Waste						0.0000	0.0000		0.0000	0.0000	4,833.0951	0.0000	4,833.0951	285.6277	0.0000	10,831.2775
Water						0.0000	0.0000		0.0000	0.0000	577.1164	2,991.2551	3,568.3714	2.1409	1.2870	4,012.3031
Total	131.3025	89.8236	516.9844	1.6728	110.4920	3.0225	113.5145	29.6056	2.8833	32.4889	5,410.2114	156,676.6913	162,086.9027	292.9164	1.9111	168,830.5765

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction - MLS Stadium	Building Construction	10/15/2016	10/31/2017	5	272	
3	Building Construction - RSPU	Building Construction	1/1/2017	9/16/2032	5	4099	
4	Paving - MLS Stadium	Paving	11/1/2017	1/15/2018	5	54	
5	Architectural Coating - MLS Stadium	Architectural Coating	11/1/2017	1/15/2018	5	54	
6	Building Construction - KPMC Phase 1	Building Construction	8/20/2018	7/16/2021	5	760	
7	Paving - KPMC Phase 1	Paving	7/19/2021	9/24/2021	5	50	
8	Architectural Coating - KPMC Phase 1	Architectural Coating	9/27/2021	12/3/2021	5	50	
9	Building Construction - KPMC Phase 2	Building Construction	5/16/2032	4/12/2035	5	759	
10	Paving - RSPU	Paving	9/17/2032	11/8/2033	5	298	
11	Architectural Coating - RSPU	Architectural Coating	11/9/2033	12/31/2034	5	298	
12	Paving - KPMC Phase 2	Paving	4/13/2035	6/19/2035	5	48	
13	Architectural Coating - KPMC Phase 2	Architectural Coating	6/20/2035	8/26/2035	5	48	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 244

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 593,550; Non-Residential Outdoor: 197,850 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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 - MLS Stadium	Cranes	1	7.00	226	0.29
Building Construction - MLS Stadium	Forklifts	3	8.00	89	0.20
Building Construction - MLS Stadium	Generator Sets	1	8.00	84	0.74
Building Construction - MLS Stadium	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - MLS Stadium	Welders	1	8.00	46	0.45
Building Construction - RSPU	Cranes	1	7.00	226	0.29
Building Construction - RSPU	Forklifts	3	8.00	89	0.20
Building Construction - RSPU	Generator Sets	1	8.00	84	0.74
Building Construction - RSPU	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - RSPU	Welders	1	8.00	46	0.45
Paving - MLS Stadium	Pavers	2	8.00	125	0.42
Paving - MLS Stadium	Paving Equipment	2	8.00	130	0.36
Paving - MLS Stadium	Rollers	2	8.00	80	0.38
Architectural Coating - MLS Stadium	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 1	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 1	Welders	1	8.00	46	0.45
Paving - KPMC Phase 1	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 1	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 1	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 2	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 2	Generator Sets	1	8.00	84	0.74

Building Construction - KPMC Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 2	Welders	1	8.00	46	0.45
Paving - RSPU	Pavers	2	8.00	125	0.42
Paving - RSPU	Paving Equipment	2	8.00	130	0.36
Paving - RSPU	Rollers	2	8.00	80	0.38
Architectural Coating - RSPU	Air Compressors	1	6.00	78	0.48
Paving - KPMC Phase 2	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 2	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 2	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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction - MLS Stadium	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - PSPU	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - MLS Stadium	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 1	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 1	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 2	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - PSPU	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 2	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					0.9928	0.0000	0.9928	0.4577	0.0000	0.4577	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	9.7632	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649
Total	0.8456	9.7632	6.4124	8.0500e-003	0.9928	0.4677	1.4606	0.4577	0.4303	0.8880	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2231	10.7955	16.7692	0.0293	0.6757	0.1548	0.8305	0.1855	0.1422	0.3277	0.0000	2,662.5913	2,662.5913	0.0192	0.0000	2,662.9954
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7500e-003	0.0104	0.1095	2.3000e-004	0.0192	1.5000e-004	0.0193	5.1000e-003	1.3000e-004	5.2300e-003	0.0000	17.1074	17.1074	9.1000e-004	0.0000	17.1266
Total	1.2318	10.8059	16.8786	0.0295	0.6948	0.1549	0.8498	0.1906	0.1424	0.3329	0.0000	2,679.6987	2,679.6987	0.0202	0.0000	2,680.1220

3.2 Grading - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4468	0.0000	0.4468	0.2060	0.0000	0.2060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	7.8105	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640
Total	0.8456	7.8105	6.4124	8.0500e-003	0.4468	0.4677	0.9145	0.2060	0.4303	0.6363	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2231	10.7955	16.7692	0.0293	0.6757	0.1548	0.8305	0.1855	0.1422	0.3277	0.0000	2,662.5913	2,662.5913	0.0192	0.0000	2,662.9954
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7500e-003	0.0104	0.1095	2.3000e-004	0.0192	1.5000e-004	0.0193	5.1000e-003	1.3000e-004	5.2300e-003	0.0000	17.1074	17.1074	9.1000e-004	0.0000	17.1266
Total	1.2318	10.8059	16.8786	0.0295	0.6948	0.1549	0.8498	0.1906	0.1424	0.3329	0.0000	2,679.6987	2,679.6987	0.0202	0.0000	2,680.1220

3.3 Building Construction - MLS Stadium - 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	0.0937	0.7839	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9391
Total	0.0937	0.7839	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9391

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.8993	5.6999	11.0923	0.0141	0.3839	0.0892	0.4731	0.1098	0.0819	0.1917	0.0000	1,270.4093	1,270.4093	0.0102	0.0000	1,270.6226
Worker	0.7620	0.9092	9.5289	0.0200	1.6689	0.0127	1.6816	0.4439	0.0117	0.4555	0.0000	1,489.4080	1,489.4080	0.0796	0.0000	1,491.0799
Total	1.6613	6.6091	20.6212	0.0340	2.0528	0.1019	2.1547	0.5536	0.0936	0.6472	0.0000	2,759.8173	2,759.8173	0.0898	0.0000	2,761.7025

3.3 Building Construction - MLS Stadium - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0937	0.6271	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9390
Total	0.0937	0.6271	0.5089	7.4000e-004		0.0541	0.0541		0.0508	0.0508	0.0000	66.5922	66.5922	0.0165	0.0000	66.9390

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.8993	5.6999	11.0923	0.0141	0.3839	0.0892	0.4731	0.1098	0.0819	0.1917	0.0000	1,270.4093	1,270.4093	0.0102	0.0000	1,270.6226
Worker	0.7620	0.9092	9.5289	0.0200	1.6689	0.0127	1.6816	0.4439	0.0117	0.4555	0.0000	1,489.4080	1,489.4080	0.0796	0.0000	1,491.0799
Total	1.6613	6.6091	20.6212	0.0340	2.0528	0.1019	2.1547	0.5536	0.0936	0.6472	0.0000	2,759.8173	2,759.8173	0.0898	0.0000	2,761.7025

3.3 Building Construction - MLS Stadium - 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	0.3366	2.8650	1.9670	2.9100e-003		0.1933	0.1933		0.1815	0.1815	0.0000	259.8348	259.8348	0.0640	0.0000	261.1778
Total	0.3366	2.8650	1.9670	2.9100e-003		0.1933	0.1933		0.1815	0.1815	0.0000	259.8348	259.8348	0.0640	0.0000	261.1778

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.0512	19.9031	40.0187	0.0553	1.5152	0.2965	1.8117	0.4332	0.2724	0.7056	0.0000	4,927.9197	4,927.9197	0.0374	0.0000	4,928.7049
Worker	2.6663	3.2026	33.5330	0.0787	6.5845	0.0484	6.6329	1.7513	0.0447	1.7959	0.0000	5,643.9208	5,643.9208	0.2866	0.0000	5,649.9383
Total	5.7175	23.1057	73.5517	0.1341	8.0997	0.3449	8.4447	2.1845	0.3170	2.5015	0.0000	10,571.8405	10,571.8405	0.3239	0.0000	10,578.6432

3.3 Building Construction - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3366	2.2920	1.9670	2.9100e-003		0.1933	0.1933		0.1815	0.1815	0.0000	259.8345	259.8345	0.0640	0.0000	261.1775
Total	0.3366	2.2920	1.9670	2.9100e-003		0.1933	0.1933		0.1815	0.1815	0.0000	259.8345	259.8345	0.0640	0.0000	261.1775

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.0512	19.9031	40.0187	0.0553	1.5152	0.2965	1.8117	0.4332	0.2724	0.7056	0.0000	4,927.9197	4,927.9197	0.0374	0.0000	4,928.7049
Worker	2.6663	3.2026	33.5330	0.0787	6.5845	0.0484	6.6329	1.7513	0.0447	1.7959	0.0000	5,643.9208	5,643.9208	0.2866	0.0000	5,649.9383
Total	5.7175	23.1057	73.5517	0.1341	8.0997	0.3449	8.4447	2.1845	0.3170	2.5015	0.0000	10,571.8405	10,571.8405	0.3239	0.0000	10,578.6432

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.6558	23.8470	47.9487	0.0663	1.8155	0.3553	2.1707	0.5190	0.3263	0.8454	0.0000	5,904.4199	5,904.4199	0.0448	0.0000	5,905.3607
Worker	3.1947	3.8372	40.1778	0.0943	7.8893	0.0580	7.9473	2.0983	0.0535	2.1518	0.0000	6,762.3015	6,762.3015	0.3433	0.0000	6,769.5114
Total	6.8505	27.6842	88.1264	0.1606	9.7047	0.4133	10.1180	2.6173	0.3798	2.9972	0.0000	12,666.7214	12,666.7214	0.3881	0.0000	12,674.8720

3.4 Building Construction - RSPU - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7462	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	2.7462	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.6558	23.8470	47.9487	0.0663	1.8155	0.3553	2.1707	0.5190	0.3263	0.8454	0.0000	5,904.4199	5,904.4199	0.0448	0.0000	5,905.3607
Worker	3.1947	3.8372	40.1778	0.0943	7.8893	0.0580	7.9473	2.0983	0.0535	2.1518	0.0000	6,762.3015	6,762.3015	0.3433	0.0000	6,769.5114
Total	6.8505	27.6842	88.1264	0.1606	9.7047	0.4133	10.1180	2.6173	0.3798	2.9972	0.0000	12,666.7214	12,666.7214	0.3881	0.0000	12,674.8720

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.0321	21.5660	43.4150	0.0663	1.8220	0.3277	2.1497	0.5209	0.3012	0.8221	0.0000	5,817.6462	5,817.6462	0.0439	0.0000	5,818.5674
Worker	2.8618	3.4659	36.2395	0.0946	7.9196	0.0571	7.9767	2.1064	0.0528	2.1592	0.0000	6,531.6982	6,531.6982	0.3171	0.0000	6,538.3583
Total	5.8939	25.0319	79.6545	0.1609	9.7416	0.3848	10.1264	2.6272	0.3540	2.9813	0.0000	12,349.3444	12,349.3444	0.3610	0.0000	12,356.9257

3.4 Building Construction - RSPU - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.4284	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	2.4284	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.0321	21.5660	43.4150	0.0663	1.8220	0.3277	2.1497	0.5209	0.3012	0.8221	0.0000	5,817.6462	5,817.6462	0.0439	0.0000	5,818.5674
Worker	2.8618	3.4659	36.2395	0.0946	7.9196	0.0571	7.9767	2.1064	0.0528	2.1592	0.0000	6,531.6982	6,531.6982	0.3171	0.0000	6,538.3583
Total	5.8939	25.0319	79.6545	0.1609	9.7416	0.3848	10.1264	2.6272	0.3540	2.9813	0.0000	12,349.3444	12,349.3444	0.3610	0.0000	12,356.9257

3.4 Building Construction - RSPU - 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7439	19.6221	41.0339	0.0662	1.8225	0.3032	2.1257	0.5211	0.2787	0.7998	0.0000	5,723.3825	5,723.3825	0.0428	0.0000	5,724.2802
Worker	2.6252	3.1688	33.3718	0.0942	7.9196	0.0564	7.9760	2.1064	0.0523	2.1586	0.0000	6,267.1364	6,267.1364	0.2950	0.0000	6,273.3321
Total	5.3691	22.7909	74.4057	0.1604	9.7421	0.3595	10.1017	2.6274	0.3310	2.9584	0.0000	11,990.5189	11,990.5189	0.3378	0.0000	11,997.6122

3.4 Building Construction - RSPU - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7439	19.6221	41.0339	0.0662	1.8225	0.3032	2.1257	0.5211	0.2787	0.7998	0.0000	5,723.3825	5,723.3825	0.0428	0.0000	5,724.2802
Worker	2.6252	3.1688	33.3718	0.0942	7.9196	0.0564	7.9760	2.1064	0.0523	2.1586	0.0000	6,267.1364	6,267.1364	0.2950	0.0000	6,273.3321
Total	5.3691	22.7909	74.4057	0.1604	9.7421	0.3595	10.1017	2.6274	0.3310	2.9584	0.0000	11,990.5189	11,990.5189	0.3378	0.0000	11,997.6122

3.4 Building Construction - RSPU - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3305	17.0632	37.9263	0.0663	1.8299	0.2715	2.1014	0.5232	0.2497	0.7729	0.0000	5,614.0668	5,614.0668	0.0414	0.0000	5,614.9361
Worker	2.4617	2.9455	31.1334	0.0945	7.9500	0.0566	8.0066	2.1144	0.0525	2.1669	0.0000	6,042.0947	6,042.0947	0.2799	0.0000	6,047.9730
Total	4.7921	20.0087	69.0596	0.1609	9.7798	0.3281	10.1079	2.6376	0.3022	2.9399	0.0000	11,656.1614	11,656.1614	0.3213	0.0000	11,662.9091

3.4 Building Construction - RSPU - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3305	17.0632	37.9263	0.0663	1.8299	0.2715	2.1014	0.5232	0.2497	0.7729	0.0000	5,614.0668	5,614.0668	0.0414	0.0000	5,614.9361
Worker	2.4617	2.9455	31.1334	0.0945	7.9500	0.0566	8.0066	2.1144	0.0525	2.1669	0.0000	6,042.0947	6,042.0947	0.2799	0.0000	6,047.9730
Total	4.7921	20.0087	69.0596	0.1609	9.7798	0.3281	10.1079	2.6376	0.3022	2.9399	0.0000	11,656.1614	11,656.1614	0.3213	0.0000	11,662.9091

3.4 Building Construction - RSPU - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.1285	14.2270	35.9730	0.0660	1.8234	0.2436	2.0670	0.5214	0.2241	0.7455	0.0000	5,589.5100	5,589.5100	0.0410	0.0000	5,590.3701
Worker	2.3144	2.7405	29.0771	0.0941	7.9196	0.0567	7.9763	2.1064	0.0526	2.1589	0.0000	5,917.1275	5,917.1275	0.2655	0.0000	5,922.7025
Total	4.4429	16.9675	65.0501	0.1602	9.7430	0.3003	10.0433	2.6278	0.2767	2.9044	0.0000	11,506.6375	11,506.6375	0.3064	0.0000	11,513.0727

3.4 Building Construction - RSPU - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2471	1.8103	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565
Total	0.2471	1.8103	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.1285	14.2270	35.9730	0.0660	1.8234	0.2436	2.0670	0.5214	0.2241	0.7455	0.0000	5,589.5100	5,589.5100	0.0410	0.0000	5,590.3701
Worker	2.3144	2.7405	29.0771	0.0941	7.9196	0.0567	7.9763	2.1064	0.0526	2.1589	0.0000	5,917.1275	5,917.1275	0.2655	0.0000	5,922.7025
Total	4.4429	16.9675	65.0501	0.1602	9.7430	0.3003	10.0433	2.6278	0.2767	2.9044	0.0000	11,506.6375	11,506.6375	0.3064	0.0000	11,513.0727

3.4 Building Construction - RSPU - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0605	12.6866	34.7925	0.0658	1.8171	0.2383	2.0554	0.5197	0.2192	0.7389	0.0000	5,570.3394	5,570.3394	0.0415	0.0000	5,571.2098
Worker	2.1837	2.5643	27.2673	0.0938	7.8893	0.0568	7.9461	2.0983	0.0527	2.1510	0.0000	5,803.6495	5,803.6495	0.2531	0.0000	5,808.9651
Total	4.2442	15.2509	62.0598	0.1595	9.7064	0.2951	10.0015	2.6180	0.2719	2.8899	0.0000	11,373.9889	11,373.9889	0.2946	0.0000	11,380.1749

3.4 Building Construction - RSPU - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2209	1.6158	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9943	299.9943	0.0718	0.0000	301.5013
Total	0.2209	1.6158	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9943	299.9943	0.0718	0.0000	301.5013

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0605	12.6866	34.7925	0.0658	1.8171	0.2383	2.0554	0.5197	0.2192	0.7389	0.0000	5,570.3394	5,570.3394	0.0415	0.0000	5,571.2098
Worker	2.1837	2.5643	27.2673	0.0938	7.8893	0.0568	7.9461	2.0983	0.0527	2.1510	0.0000	5,803.6495	5,803.6495	0.2531	0.0000	5,808.9651
Total	4.2442	15.2509	62.0598	0.1595	9.7064	0.2951	10.0015	2.6180	0.2719	2.8899	0.0000	11,373.9889	11,373.9889	0.2946	0.0000	11,380.1749

3.4 Building Construction - RSPU - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9304	11.4506	33.2313	0.0657	1.8178	0.2236	2.0414	0.5199	0.2058	0.7257	0.0000	5,569.4498	5,569.4498	0.0394	0.0000	5,570.2762
Worker	2.0755	2.4220	25.7830	0.0938	7.8893	0.0572	7.9465	2.0983	0.0531	2.1514	0.0000	5,722.7692	5,722.7692	0.2435	0.0000	5,727.8824
Total	4.0059	13.8727	59.0143	0.1595	9.7071	0.2809	9.9879	2.6182	0.2588	2.8770	0.0000	11,292.2190	11,292.2190	0.2828	0.0000	11,298.1586

3.4 Building Construction - RSPU - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2036	1.4885	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0976	300.0976	0.0713	0.0000	301.5946
Total	0.2036	1.4885	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0976	300.0976	0.0713	0.0000	301.5946

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9304	11.4506	33.2313	0.0657	1.8178	0.2236	2.0414	0.5199	0.2058	0.7257	0.0000	5,569.4498	5,569.4498	0.0394	0.0000	5,570.2762
Worker	2.0755	2.4220	25.7830	0.0938	7.8893	0.0572	7.9465	2.0983	0.0531	2.1514	0.0000	5,722.7692	5,722.7692	0.2435	0.0000	5,727.8824
Total	4.0059	13.8727	59.0143	0.1595	9.7071	0.2809	9.9879	2.6182	0.2588	2.8770	0.0000	11,292.2190	11,292.2190	0.2828	0.0000	11,298.1586

3.4 Building Construction - RSPU - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9088	11.4069	32.7656	0.0663	1.8325	0.2265	2.0589	0.5242	0.2083	0.7325	0.0000	5,618.7776	5,618.7776	0.0398	0.0000	5,619.6141
Worker	1.9955	2.3193	24.7462	0.0945	7.9500	0.0581	8.0080	2.1144	0.0539	2.1683	0.0000	5,695.0429	5,695.0429	0.2371	0.0000	5,700.0227
Total	3.9043	13.7262	57.5117	0.1608	9.7824	0.2845	10.0670	2.6386	0.2622	2.9009	0.0000	11,313.8205	11,313.8205	0.2770	0.0000	11,319.6367

3.4 Building Construction - RSPU - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1920	1.4020	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4642	302.4642	0.0714	0.0000	303.9639
Total	0.1920	1.4020	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4642	302.4642	0.0714	0.0000	303.9639

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9088	11.4069	32.7656	0.0663	1.8325	0.2265	2.0589	0.5242	0.2083	0.7325	0.0000	5,618.7776	5,618.7776	0.0398	0.0000	5,619.6141
Worker	1.9955	2.3193	24.7462	0.0945	7.9500	0.0581	8.0080	2.1144	0.0539	2.1683	0.0000	5,695.0429	5,695.0429	0.2371	0.0000	5,700.0227
Total	3.9043	13.7262	57.5117	0.1608	9.7824	0.2845	10.0670	2.6386	0.2622	2.9009	0.0000	11,313.8205	11,313.8205	0.2770	0.0000	11,319.6367

3.4 Building Construction - RSPU - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8628	11.2398	31.9516	0.0661	1.8260	0.2263	2.0523	0.5224	0.2082	0.7306	0.0000	5,602.1427	5,602.1427	0.0398	0.0000	5,602.9788
Worker	1.9085	2.2100	23.6390	0.0941	7.9196	0.0584	7.9780	2.1064	0.0542	2.1605	0.0000	5,611.2054	5,611.2054	0.2294	0.0000	5,616.0234
Total	3.7713	13.4497	55.5906	0.1602	9.7456	0.2847	10.0303	2.6288	0.2624	2.8911	0.0000	11,213.3481	11,213.3481	0.2692	0.0000	11,219.0022

3.4 Building Construction - RSPU - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8628	11.2398	31.9516	0.0661	1.8260	0.2263	2.0523	0.5224	0.2082	0.7306	0.0000	5,602.1427	5,602.1427	0.0398	0.0000	5,602.9788
Worker	1.9085	2.2100	23.6390	0.0941	7.9196	0.0584	7.9780	2.1064	0.0542	2.1605	0.0000	5,611.2054	5,611.2054	0.2294	0.0000	5,616.0234
Total	3.7713	13.4497	55.5906	0.1602	9.7456	0.2847	10.0303	2.6288	0.2624	2.8911	0.0000	11,213.3481	11,213.3481	0.2692	0.0000	11,219.0022

3.4 Building Construction - RSPU - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8345	11.1103	31.3996	0.0661	1.8265	0.2264	2.0528	0.5226	0.2083	0.7308	0.0000	5,607.1373	5,607.1373	0.0399	0.0000	5,607.9746
Worker	1.8389	2.1262	22.7952	0.0941	7.9196	0.0590	7.9786	2.1064	0.0548	2.1611	0.0000	5,558.2248	5,558.2248	0.2238	0.0000	5,562.9240
Total	3.6734	13.2365	54.1948	0.1602	9.7461	0.2854	10.0315	2.6289	0.2630	2.8919	0.0000	11,165.3621	11,165.3621	0.2636	0.0000	11,170.8986

3.4 Building Construction - RSPU - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8345	11.1103	31.3996	0.0661	1.8265	0.2264	2.0528	0.5226	0.2083	0.7308	0.0000	5,607.1373	5,607.1373	0.0399	0.0000	5,607.9746
Worker	1.8389	2.1262	22.7952	0.0941	7.9196	0.0590	7.9786	2.1064	0.0548	2.1611	0.0000	5,558.2248	5,558.2248	0.2238	0.0000	5,562.9240
Total	3.6734	13.2365	54.1948	0.1602	9.7461	0.2854	10.0315	2.6289	0.2630	2.8919	0.0000	11,165.3621	11,165.3621	0.2636	0.0000	11,170.8986

3.4 Building Construction - RSPU - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8177	11.0089	30.9845	0.0662	1.8270	0.2268	2.0538	0.5228	0.2087	0.7314	0.0000	5,611.7734	5,611.7734	0.0400	0.0000	5,612.6129
Worker	1.7735	2.0519	22.0501	0.0941	7.9196	0.0596	7.9792	2.1064	0.0553	2.1616	0.0000	5,512.3863	5,512.3863	0.2187	0.0000	5,516.9789
Total	3.5911	13.0608	53.0347	0.1603	9.7466	0.2864	10.0330	2.6291	0.2639	2.8931	0.0000	11,124.1596	11,124.1596	0.2587	0.0000	11,129.5918

3.4 Building Construction - RSPU - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8177	11.0089	30.9845	0.0662	1.8270	0.2268	2.0538	0.5228	0.2087	0.7314	0.0000	5,611.7734	5,611.7734	0.0400	0.0000	5,612.6129
Worker	1.7735	2.0519	22.0501	0.0941	7.9196	0.0596	7.9792	2.1064	0.0553	2.1616	0.0000	5,512.3863	5,512.3863	0.2187	0.0000	5,516.9789
Total	3.5911	13.0608	53.0347	0.1603	9.7466	0.2864	10.0330	2.6291	0.2639	2.8931	0.0000	11,124.1596	11,124.1596	0.2587	0.0000	11,129.5918

3.4 Building Construction - RSPU - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7846	10.8745	30.3637	0.0660	1.8204	0.2261	2.0465	0.5209	0.2080	0.7289	0.0000	5,593.7647	5,593.7647	0.0399	0.0000	5,594.6022
Worker	1.7065	1.9777	21.3178	0.0937	7.8893	0.0598	7.9491	2.0983	0.0555	2.1538	0.0000	5,452.1777	5,452.1777	0.2133	0.0000	5,456.6579
Total	3.4911	12.8522	51.6815	0.1597	9.7097	0.2859	9.9955	2.6192	0.2635	2.8827	0.0000	11,045.9424	11,045.9424	0.2532	0.0000	11,051.2600

3.4 Building Construction - RSPU - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1770	1.2906	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266
Total	0.1770	1.2906	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7846	10.8745	30.3637	0.0660	1.8204	0.2261	2.0465	0.5209	0.2080	0.7289	0.0000	5,593.7647	5,593.7647	0.0399	0.0000	5,594.6022
Worker	1.7065	1.9777	21.3178	0.0937	7.8893	0.0598	7.9491	2.0983	0.0555	2.1538	0.0000	5,452.1777	5,452.1777	0.2133	0.0000	5,456.6579
Total	3.4911	12.8522	51.6815	0.1597	9.7097	0.2859	9.9955	2.6192	0.2635	2.8827	0.0000	11,045.9424	11,045.9424	0.2532	0.0000	11,051.2600

3.4 Building Construction - RSPU - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7756	10.8398	30.1371	0.0662	1.8278	0.2270	2.0549	0.5231	0.2089	0.7320	0.0000	5,618.4885	5,618.4885	0.0401	0.0000	5,619.3302
Worker	1.6530	1.9216	20.7744	0.0941	7.9196	0.0604	7.9800	2.1064	0.0561	2.1624	0.0000	5,439.5501	5,439.5501	0.2098	0.0000	5,443.9557
Total	3.4286	12.7614	50.9115	0.1603	9.7474	0.2874	10.0349	2.6295	0.2649	2.8944	0.0000	11,058.0386	11,058.0386	0.2499	0.0000	11,063.2859

3.4 Building Construction - RSPU - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7756	10.8398	30.1371	0.0662	1.8278	0.2270	2.0549	0.5231	0.2089	0.7320	0.0000	5,618.4885	5,618.4885	0.0401	0.0000	5,619.3302
Worker	1.6530	1.9216	20.7744	0.0941	7.9196	0.0604	7.9800	2.1064	0.0561	2.1624	0.0000	5,439.5501	5,439.5501	0.2098	0.0000	5,443.9557
Total	3.4286	12.7614	50.9115	0.1603	9.7474	0.2874	10.0349	2.6295	0.2649	2.8944	0.0000	11,058.0386	11,058.0386	0.2499	0.0000	11,063.2859

3.4 Building Construction - RSPU - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7674	10.7703	29.9954	0.0663	1.8282	0.2272	2.0554	0.5233	0.2090	0.7322	0.0000	5,621.8180	5,621.8180	0.0401	0.0000	5,622.6608
Worker	1.5962	1.8638	20.2299	0.0941	7.9196	0.0607	7.9803	2.1064	0.0563	2.1627	0.0000	5,411.1401	5,411.1401	0.2058	0.0000	5,415.4617
Total	3.3636	12.6341	50.2254	0.1604	9.7478	0.2879	10.0357	2.6296	0.2653	2.8949	0.0000	11,032.9581	11,032.9581	0.2459	0.0000	11,038.1225

3.4 Building Construction - RSPU - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156
Total	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7674	10.7703	29.9954	0.0663	1.8282	0.2272	2.0554	0.5233	0.2090	0.7322	0.0000	5,621.8180	5,621.8180	0.0401	0.0000	5,622.6608
Worker	1.5962	1.8638	20.2299	0.0941	7.9196	0.0607	7.9803	2.1064	0.0563	2.1627	0.0000	5,411.1401	5,411.1401	0.2058	0.0000	5,415.4617
Total	3.3636	12.6341	50.2254	0.1604	9.7478	0.2879	10.0357	2.6296	0.2653	2.8949	0.0000	11,032.9581	11,032.9581	0.2459	0.0000	11,038.1225

3.4 Building Construction - RSPU - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7628	10.7146	29.8732	0.0663	1.8287	0.2274	2.0561	0.5234	0.2092	0.7327	0.0000	5,625.6074	5,625.6074	0.0402	0.0000	5,626.4513
Worker	1.5429	1.8100	19.7353	0.0941	7.9196	0.0609	7.9805	2.1064	0.0565	2.1628	0.0000	5,387.3827	5,387.3827	0.2022	0.0000	5,391.6281
Total	3.3057	12.5246	49.6085	0.1604	9.7483	0.2883	10.0366	2.6298	0.2657	2.8955	0.0000	11,012.9901	11,012.9901	0.2424	0.0000	11,018.0795

3.4 Building Construction - RSPU - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156
Total	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7628	10.7146	29.8732	0.0663	1.8287	0.2274	2.0561	0.5234	0.2092	0.7327	0.0000	5,625.6074	5,625.6074	0.0402	0.0000	5,626.4513
Worker	1.5429	1.8100	19.7353	0.0941	7.9196	0.0609	7.9805	2.1064	0.0565	2.1628	0.0000	5,387.3827	5,387.3827	0.2022	0.0000	5,391.6281
Total	3.3057	12.5246	49.6085	0.1604	9.7483	0.2883	10.0366	2.6298	0.2657	2.8955	0.0000	11,012.9901	11,012.9901	0.2424	0.0000	11,018.0795

3.4 Building Construction - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1213	0.7364	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3879	243.3879	9.7700e-003	0.0000	243.5930
Total	0.1213	0.7364	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3879	243.3879	9.7700e-003	0.0000	243.5930

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2518	7.6010	21.2132	0.0473	1.3035	0.1623	1.4658	0.3732	0.1493	0.5224	0.0000	4,011.5797	4,011.5797	0.0287	0.0000	4,012.1819
Worker	1.0647	1.2568	13.7644	0.0671	5.6439	0.0435	5.6873	1.5011	0.0403	1.5414	0.0000	3,825.1964	3,825.1964	0.1418	0.0000	3,828.1741
Total	2.3164	8.8578	34.9776	0.1143	6.9474	0.2057	7.1531	1.8742	0.1896	2.0638	0.0000	7,836.7760	7,836.7760	0.1705	0.0000	7,840.3560

3.4 Building Construction - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1213	0.5891	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3876	243.3876	9.7700e-003	0.0000	243.5927
Total	0.1213	0.5891	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3876	243.3876	9.7700e-003	0.0000	243.5927

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2518	7.6010	21.2132	0.0473	1.3035	0.1623	1.4658	0.3732	0.1493	0.5224	0.0000	4,011.5797	4,011.5797	0.0287	0.0000	4,012.1819
Worker	1.0647	1.2568	13.7644	0.0671	5.6439	0.0435	5.6873	1.5011	0.0403	1.5414	0.0000	3,825.1964	3,825.1964	0.1418	0.0000	3,828.1741
Total	2.3164	8.8578	34.9776	0.1143	6.9474	0.2057	7.1531	1.8742	0.1896	2.0638	0.0000	7,836.7760	7,836.7760	0.1705	0.0000	7,840.3560

3.5 Paving - MLS Stadium - 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	0.0410	0.4364	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4909	44.4909	0.0136	0.0000	44.7771
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0410	0.4364	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4909	44.4909	0.0136	0.0000	44.7771

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9200e-003	2.3000e-003	0.0241	6.0000e-005	8.8300e-003	3.0000e-005	8.8700e-003	2.2600e-003	3.0000e-005	2.3000e-003	0.0000	4.0604	4.0604	2.1000e-004	0.0000	4.0648
Total	1.9200e-003	2.3000e-003	0.0241	6.0000e-005	8.8300e-003	3.0000e-005	8.8700e-003	2.2600e-003	3.0000e-005	2.3000e-003	0.0000	4.0604	4.0604	2.1000e-004	0.0000	4.0648

3.5 Paving - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.3491	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4908	44.4908	0.0136	0.0000	44.7771
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0410	0.3491	0.3166	4.8000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	44.4908	44.4908	0.0136	0.0000	44.7771

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9200e-003	2.3000e-003	0.0241	6.0000e-005	8.8300e-003	3.0000e-005	8.8700e-003	2.2600e-003	3.0000e-005	2.3000e-003	0.0000	4.0604	4.0604	2.1000e-004	0.0000	4.0648
Total	1.9200e-003	2.3000e-003	0.0241	6.0000e-005	8.8300e-003	3.0000e-005	8.8700e-003	2.2600e-003	3.0000e-005	2.3000e-003	0.0000	4.0604	4.0604	2.1000e-004	0.0000	4.0648

3.5 Paving - MLS Stadium - 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	8.8600e-003	0.0944	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2761
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.8600e-003	0.0944	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2761

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	5.3000e-004	5.5500e-003	1.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	0.9995	0.9995	5.0000e-005	0.0000	1.0005
Total	4.4000e-004	5.3000e-004	5.5500e-003	1.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	0.9995	0.9995	5.0000e-005	0.0000	1.0005

3.5 Paving - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8600e-003	0.0755	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2760
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.8600e-003	0.0755	0.0797	1.2000e-004		5.1600e-003	5.1600e-003		4.7500e-003	4.7500e-003	0.0000	11.2028	11.2028	3.4900e-003	0.0000	11.2760

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	5.3000e-004	5.5500e-003	1.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	0.9995	0.9995	5.0000e-005	0.0000	1.0005
Total	4.4000e-004	5.3000e-004	5.5500e-003	1.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	0.9995	0.9995	5.0000e-005	0.0000	1.0005

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	2.1907					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1400e-003	0.0470	0.0402	6.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003	0.0000	5.4895	5.4895	5.8000e-004	0.0000	5.5017
Total	2.1978	0.0470	0.0402	6.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003	0.0000	5.4895	5.4895	5.8000e-004	0.0000	5.5017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1057	0.1270	1.3293	3.1200e-003	0.2610	1.9200e-003	0.2629	0.0694	1.7700e-003	0.0712	0.0000	223.7303	223.7303	0.0114	0.0000	223.9688
Total	0.1057	0.1270	1.3293	3.1200e-003	0.2610	1.9200e-003	0.2629	0.0694	1.7700e-003	0.0712	0.0000	223.7303	223.7303	0.0114	0.0000	223.9688

3.6 Architectural Coating - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.1907					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1400e-003	0.0376	0.0402	6.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003	0.0000	5.4895	5.4895	5.8000e-004	0.0000	5.5017
Total	2.1978	0.0376	0.0402	6.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003	0.0000	5.4895	5.4895	5.8000e-004	0.0000	5.5017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1057	0.1270	1.3293	3.1200e-003	0.2610	1.9200e-003	0.2629	0.0694	1.7700e-003	0.0712	0.0000	223.7303	223.7303	0.0114	0.0000	223.9688
Total	0.1057	0.1270	1.3293	3.1200e-003	0.2610	1.9200e-003	0.2629	0.0694	1.7700e-003	0.0712	0.0000	223.7303	223.7303	0.0114	0.0000	223.9688

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	0.5604					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6400e-003	0.0110	0.0102	2.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	1.4043	1.4043	1.3000e-004	0.0000	1.4071
Total	0.5621	0.0110	0.0102	2.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	1.4043	1.4043	1.3000e-004	0.0000	1.4071

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0241	0.0292	0.3055	8.0000e-004	0.0668	4.8000e-004	0.0673	0.0178	4.5000e-004	0.0182	0.0000	55.0698	55.0698	2.6700e-003	0.0000	55.1259
Total	0.0241	0.0292	0.3055	8.0000e-004	0.0668	4.8000e-004	0.0673	0.0178	4.5000e-004	0.0182	0.0000	55.0698	55.0698	2.6700e-003	0.0000	55.1259

3.6 Architectural Coating - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5604					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6400e-003	8.8300e-003	0.0102	2.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	1.4043	1.4043	1.3000e-004	0.0000	1.4071
Total	0.5621	8.8300e-003	0.0102	2.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	1.4043	1.4043	1.3000e-004	0.0000	1.4071

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0241	0.0292	0.3055	8.0000e-004	0.0668	4.8000e-004	0.0673	0.0178	4.5000e-004	0.0182	0.0000	55.0698	55.0698	2.6700e-003	0.0000	55.1259
Total	0.0241	0.0292	0.3055	8.0000e-004	0.0668	4.8000e-004	0.0673	0.0178	4.5000e-004	0.0182	0.0000	55.0698	55.0698	2.6700e-003	0.0000	55.1259

3.7 Building Construction - KPMC Phase 1 - 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	0.1281	1.1165	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6495	113.6495	0.0278	0.0000	114.2335
Total	0.1281	1.1165	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6495	113.6495	0.0278	0.0000	114.2335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1152	7.9323	15.9687	0.0244	0.6702	0.1205	0.7907	0.1916	0.1108	0.3024	0.0000	2,139.8239	2,139.8239	0.0161	0.0000	2,140.1627
Worker	1.0526	1.2748	13.3295	0.0348	2.9130	0.0210	2.9340	0.7748	0.0194	0.7942	0.0000	2,402.4637	2,402.4637	0.1167	0.0000	2,404.9134
Total	2.1679	9.2071	29.2982	0.0592	3.5831	0.1415	3.7247	0.9663	0.1302	1.0966	0.0000	4,542.2876	4,542.2876	0.1328	0.0000	4,545.0761

3.7 Building Construction - KPMC Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1281	0.8932	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6493	113.6493	0.0278	0.0000	114.2334
Total	0.1281	0.8932	0.8416	1.2900e-003		0.0717	0.0717		0.0674	0.0674	0.0000	113.6493	113.6493	0.0278	0.0000	114.2334

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1152	7.9323	15.9687	0.0244	0.6702	0.1205	0.7907	0.1916	0.1108	0.3024	0.0000	2,139.8239	2,139.8239	0.0161	0.0000	2,140.1627
Worker	1.0526	1.2748	13.3295	0.0348	2.9130	0.0210	2.9340	0.7748	0.0194	0.7942	0.0000	2,402.4637	2,402.4637	0.1167	0.0000	2,404.9134
Total	2.1679	9.2071	29.2982	0.0592	3.5831	0.1415	3.7247	0.9663	0.1302	1.0966	0.0000	4,542.2876	4,542.2876	0.1328	0.0000	4,545.0761

3.7 Building Construction - KPMC Phase 1 - 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7439	19.6221	41.0339	0.0662	1.8225	0.3032	2.1257	0.5211	0.2787	0.7998	0.0000	5,723.3825	5,723.3825	0.0428	0.0000	5,724.2802
Worker	2.6252	3.1688	33.3718	0.0942	7.9196	0.0564	7.9760	2.1064	0.0523	2.1586	0.0000	6,267.1364	6,267.1364	0.2950	0.0000	6,273.3321
Total	5.3691	22.7909	74.4057	0.1604	9.7421	0.3595	10.1017	2.6274	0.3310	2.9584	0.0000	11,990.5189	11,990.5189	0.3378	0.0000	11,997.6122

3.7 Building Construction - KPMC Phase 1 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7439	19.6221	41.0339	0.0662	1.8225	0.3032	2.1257	0.5211	0.2787	0.7998	0.0000	5,723.3825	5,723.3825	0.0428	0.0000	5,724.2802
Worker	2.6252	3.1688	33.3718	0.0942	7.9196	0.0564	7.9760	2.1064	0.0523	2.1586	0.0000	6,267.1364	6,267.1364	0.2950	0.0000	6,273.3321
Total	5.3691	22.7909	74.4057	0.1604	9.7421	0.3595	10.1017	2.6274	0.3310	2.9584	0.0000	11,990.5189	11,990.5189	0.3378	0.0000	11,997.6122

3.7 Building Construction - KPMC Phase 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3305	17.0632	37.9263	0.0663	1.8299	0.2715	2.1014	0.5232	0.2497	0.7729	0.0000	5,614.0668	5,614.0668	0.0414	0.0000	5,614.9361
Worker	2.4617	2.9455	31.1334	0.0945	7.9500	0.0566	8.0066	2.1144	0.0525	2.1669	0.0000	6,042.0947	6,042.0947	0.2799	0.0000	6,047.9730
Total	4.7921	20.0087	69.0596	0.1609	9.7798	0.3281	10.1079	2.6376	0.3022	2.9399	0.0000	11,656.1614	11,656.1614	0.3213	0.0000	11,662.9091

3.7 Building Construction - KPMC Phase 1 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3305	17.0632	37.9263	0.0663	1.8299	0.2715	2.1014	0.5232	0.2497	0.7729	0.0000	5,614.0668	5,614.0668	0.0414	0.0000	5,614.9361
Worker	2.4617	2.9455	31.1334	0.0945	7.9500	0.0566	8.0066	2.1144	0.0525	2.1669	0.0000	6,042.0947	6,042.0947	0.2799	0.0000	6,047.9730
Total	4.7921	20.0087	69.0596	0.1609	9.7798	0.3281	10.1079	2.6376	0.3022	2.9399	0.0000	11,656.1614	11,656.1614	0.3213	0.0000	11,662.9091

3.7 Building Construction - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1335	1.2225	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6275	162.6275	0.0392	0.0000	163.4503
Total	0.1335	1.2225	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6275	162.6275	0.0392	0.0000	163.4503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1499	7.6858	19.4337	0.0357	0.9851	0.1316	1.1166	0.2817	0.1211	0.4027	0.0000	3,019.6204	3,019.6204	0.0221	0.0000	3,020.0850
Worker	1.2503	1.4805	15.7083	0.0509	4.2784	0.0306	4.3090	1.1379	0.0284	1.1663	0.0000	3,196.6091	3,196.6091	0.1434	0.0000	3,199.6209
Total	2.4002	9.1663	35.1420	0.0865	5.2635	0.1622	5.4257	1.4196	0.1495	1.5691	0.0000	6,216.2295	6,216.2295	0.1656	0.0000	6,219.7059

3.7 Building Construction - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1335	0.9780	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6273	162.6273	0.0392	0.0000	163.4501
Total	0.1335	0.9780	1.1659	1.8900e-003		0.0673	0.0673		0.0633	0.0633	0.0000	162.6273	162.6273	0.0392	0.0000	163.4501

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1499	7.6858	19.4337	0.0357	0.9851	0.1316	1.1166	0.2817	0.1211	0.4027	0.0000	3,019.6204	3,019.6204	0.0221	0.0000	3,020.0850
Worker	1.2503	1.4805	15.7083	0.0509	4.2784	0.0306	4.3090	1.1379	0.0284	1.1663	0.0000	3,196.6091	3,196.6091	0.1434	0.0000	3,199.6209
Total	2.4002	9.1663	35.1420	0.0865	5.2635	0.1622	5.4257	1.4196	0.1495	1.5691	0.0000	6,216.2295	6,216.2295	0.1656	0.0000	6,219.7059

3.8 Paving - KPMC Phase 1 - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0308	0.3165	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3265
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0308	0.3165	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3265

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6100e-003	1.9100e-003	0.0202	7.0000e-005	0.0103	4.0000e-005	0.0103	2.6300e-003	4.0000e-005	2.6700e-003	0.0000	4.1155	4.1155	1.8000e-004	0.0000	4.1194
Total	1.6100e-003	1.9100e-003	0.0202	7.0000e-005	0.0103	4.0000e-005	0.0103	2.6300e-003	4.0000e-005	2.6700e-003	0.0000	4.1155	4.1155	1.8000e-004	0.0000	4.1194

3.8 Paving - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0308	0.2532	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3264
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0308	0.2532	0.3588	5.6000e-004		0.0166	0.0166		0.0153	0.0153	0.0000	48.9937	48.9937	0.0159	0.0000	49.3264

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6100e-003	1.9100e-003	0.0202	7.0000e-005	0.0103	4.0000e-005	0.0103	2.6300e-003	4.0000e-005	2.6700e-003	0.0000	4.1155	4.1155	1.8000e-004	0.0000	4.1194
Total	1.6100e-003	1.9100e-003	0.0202	7.0000e-005	0.0103	4.0000e-005	0.0103	2.6300e-003	4.0000e-005	2.6700e-003	0.0000	4.1155	4.1155	1.8000e-004	0.0000	4.1194

3.9 Architectural Coating - KPMC Phase 1 - 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	4.9919					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4700e-003	0.0382	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923
Total	4.9974	0.0382	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0887	0.1050	1.1143	3.6100e-003	0.3035	2.1700e-003	0.3057	0.0807	2.0200e-003	0.0827	0.0000	226.7647	226.7647	0.0102	0.0000	226.9784
Total	0.0887	0.1050	1.1143	3.6100e-003	0.3035	2.1700e-003	0.3057	0.0807	2.0200e-003	0.0827	0.0000	226.7647	226.7647	0.0102	0.0000	226.9784

3.9 Architectural Coating - KPMC Phase 1 - 2021**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.9919					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4700e-003	0.0305	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923
Total	4.9974	0.0305	0.0454	7.0000e-005		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003	0.0000	6.3831	6.3831	4.4000e-004	0.0000	6.3923

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0887	0.1050	1.1143	3.6100e-003	0.3035	2.1700e-003	0.3057	0.0807	2.0200e-003	0.0827	0.0000	226.7647	226.7647	0.0102	0.0000	226.9784
Total	0.0887	0.1050	1.1143	3.6100e-003	0.3035	2.1700e-003	0.3057	0.0807	2.0200e-003	0.0827	0.0000	226.7647	226.7647	0.0102	0.0000	226.9784

3.10 Building Construction - KPMC Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1076	0.6532	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9086	215.9086	8.6700e-003	0.0000	216.0906
Total	0.1076	0.6532	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9086	215.9086	8.6700e-003	0.0000	216.0906

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1104	6.7428	18.8182	0.0419	1.1564	0.1439	1.3003	0.3310	0.1324	0.4634	0.0000	3,558.6594	3,558.6594	0.0254	0.0000	3,559.1936
Worker	0.9445	1.1149	12.2103	0.0595	5.0067	0.0386	5.0452	1.3316	0.0358	1.3674	0.0000	3,393.3194	3,393.3194	0.1258	0.0000	3,395.9609
Total	2.0549	7.8577	31.0285	0.1014	6.1630	0.1825	6.3455	1.6626	0.1682	1.8308	0.0000	6,951.9787	6,951.9787	0.1512	0.0000	6,955.1545

3.10 Building Construction - KPMC Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1076	0.5226	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9083	215.9083	8.6700e-003	0.0000	216.0903
Total	0.1076	0.5226	1.3308	2.5400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	215.9083	215.9083	8.6700e-003	0.0000	216.0903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1104	6.7428	18.8182	0.0419	1.1564	0.1439	1.3003	0.3310	0.1324	0.4634	0.0000	3,558.6594	3,558.6594	0.0254	0.0000	3,559.1936
Worker	0.9445	1.1149	12.2103	0.0595	5.0067	0.0386	5.0452	1.3316	0.0358	1.3674	0.0000	3,393.3194	3,393.3194	0.1258	0.0000	3,395.9609
Total	2.0549	7.8577	31.0285	0.1014	6.1630	0.1825	6.3455	1.6626	0.1682	1.8308	0.0000	6,951.9787	6,951.9787	0.1512	0.0000	6,955.1545

3.10 Building Construction - KPMC Phase 2 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7471	10.5792	29.5794	0.0661	1.8226	0.2270	2.0496	0.5218	0.2088	0.7306	0.0000	5,610.8731	5,610.8731	0.0401	0.0000	5,611.7158
Worker	1.4469	1.7188	18.8991	0.0937	7.8893	0.0609	7.9501	2.0983	0.0565	2.1547	0.0000	5,330.7699	5,330.7699	0.1955	0.0000	5,334.8763
Total	3.1940	12.2980	48.4784	0.1599	9.7119	0.2878	9.9997	2.6201	0.2653	2.8854	0.0000	10,941.6431	10,941.6431	0.2357	0.0000	10,946.5921

3.10 Building Construction - KPMC Phase 2 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	0.8235	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060
Total	0.1695	0.8235	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7471	10.5792	29.5794	0.0661	1.8226	0.2270	2.0496	0.5218	0.2088	0.7306	0.0000	5,610.8731	5,610.8731	0.0401	0.0000	5,611.7158
Worker	1.4469	1.7188	18.8991	0.0937	7.8893	0.0609	7.9501	2.0983	0.0565	2.1547	0.0000	5,330.7699	5,330.7699	0.1955	0.0000	5,334.8763
Total	3.1940	12.2980	48.4784	0.1599	9.7119	0.2878	9.9997	2.6201	0.2653	2.8854	0.0000	10,941.6431	10,941.6431	0.2357	0.0000	10,946.5921

3.10 Building Construction - KPMC Phase 2 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7443	10.5386	29.4989	0.0662	1.8230	0.2271	2.0501	0.5220	0.2090	0.7309	0.0000	5,614.0778	5,614.0778	0.0402	0.0000	5,614.9213
Worker	1.4018	1.6861	18.5687	0.0937	7.8893	0.0609	7.9501	2.0983	0.0565	2.1548	0.0000	5,316.9882	5,316.9882	0.1930	0.0000	5,321.0412
Total	3.1461	12.2247	48.0677	0.1599	9.7123	0.2880	10.0003	2.6203	0.2654	2.8857	0.0000	10,931.0660	10,931.0660	0.2332	0.0000	10,935.9625

3.10 Building Construction - KPMC Phase 2 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1695	0.8235	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060
Total	0.1695	0.8235	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7443	10.5386	29.4989	0.0662	1.8230	0.2271	2.0501	0.5220	0.2090	0.7309	0.0000	5,614.0778	5,614.0778	0.0402	0.0000	5,614.9213
Worker	1.4018	1.6861	18.5687	0.0937	7.8893	0.0609	7.9501	2.0983	0.0565	2.1548	0.0000	5,316.9882	5,316.9882	0.1930	0.0000	5,321.0412
Total	3.1461	12.2247	48.0677	0.1599	9.7123	0.2880	10.0003	2.6203	0.2654	2.8857	0.0000	10,931.0660	10,931.0660	0.2332	0.0000	10,935.9625

3.10 Building Construction - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0449	0.2646	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8317	96.8317	3.6100e-003	0.0000	96.9075
Total	0.0449	0.2646	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8317	96.8317	3.6100e-003	0.0000	96.9075

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4952	2.9890	8.3703	0.0188	0.5190	0.0647	0.5836	0.1486	0.0595	0.2081	0.0000	1,598.6445	1,598.6445	0.0114	0.0000	1,598.8847
Worker	0.3878	0.4726	5.2043	0.0267	2.2454	0.0173	2.2627	0.5972	0.0161	0.6133	0.0000	1,510.0539	1,510.0539	0.0543	0.0000	1,511.1944
Total	0.8830	3.4617	13.5747	0.0455	2.7644	0.0820	2.8463	0.7458	0.0756	0.8214	0.0000	3,108.6983	3,108.6983	0.0658	0.0000	3,110.0791

3.10 Building Construction - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0449	0.2117	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8316	96.8316	3.6100e-003	0.0000	96.9074
Total	0.0449	0.2117	0.5954	1.1400e-003		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003	0.0000	96.8316	96.8316	3.6100e-003	0.0000	96.9074

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4952	2.9890	8.3703	0.0188	0.5190	0.0647	0.5836	0.1486	0.0595	0.2081	0.0000	1,598.6445	1,598.6445	0.0114	0.0000	1,598.8847
Worker	0.3878	0.4726	5.2043	0.0267	2.2454	0.0173	2.2627	0.5972	0.0161	0.6133	0.0000	1,510.0539	1,510.0539	0.0543	0.0000	1,511.1944
Total	0.8830	3.4617	13.5747	0.0455	2.7644	0.0820	2.8463	0.7458	0.0756	0.8214	0.0000	3,108.6983	3,108.6983	0.0658	0.0000	3,110.0791

3.11 Paving - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0515	0.2652	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6294	89.6294	4.2000e-003	0.0000	0.0000	89.7176
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0515	0.2652	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6294	89.6294	4.2000e-003	0.0000	0.0000	89.7176

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5800e-003	1.8600e-003	0.0204	1.0000e-004	0.0156	6.0000e-005	0.0157	4.0000e-003	6.0000e-005	4.0600e-003	0.0000	5.6746	5.6746	2.1000e-004	0.0000	5.6791
Total	1.5800e-003	1.8600e-003	0.0204	1.0000e-004	0.0156	6.0000e-005	0.0157	4.0000e-003	6.0000e-005	4.0600e-003	0.0000	5.6746	5.6746	2.1000e-004	0.0000	5.6791

3.11 Paving - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0515	0.2122	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6293	89.6293	4.2000e-003	0.0000	0.0000	89.7175
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0515	0.2122	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6293	89.6293	4.2000e-003	0.0000	0.0000	89.7175

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5800e-003	1.8600e-003	0.0204	1.0000e-004	0.0156	6.0000e-005	0.0157	4.0000e-003	6.0000e-005	4.0600e-003	0.0000	5.6746	5.6746	2.1000e-004	0.0000	5.6791
Total	1.5800e-003	1.8600e-003	0.0204	1.0000e-004	0.0156	6.0000e-005	0.0157	4.0000e-003	6.0000e-005	4.0600e-003	0.0000	5.6746	5.6746	2.1000e-004	0.0000	5.6791

3.11 Paving - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1504	0.7748	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8122	261.8122	0.0123	0.0000	262.0699
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1504	0.7748	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8122	261.8122	0.0123	0.0000	262.0699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4900e-003	5.3300e-003	0.0586	2.9000e-004	0.0456	1.9000e-004	0.0458	0.0117	1.8000e-004	0.0119	0.0000	16.5254	16.5254	6.1000e-004	0.0000	16.5382
Total	4.4900e-003	5.3300e-003	0.0586	2.9000e-004	0.0456	1.9000e-004	0.0458	0.0117	1.8000e-004	0.0119	0.0000	16.5254	16.5254	6.1000e-004	0.0000	16.5382

3.11 Paving - RSPU - 2033**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1504	0.6198	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8119	261.8119	0.0123	0.0000	262.0696
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1504	0.6198	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8119	261.8119	0.0123	0.0000	262.0696

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4900e-003	5.3300e-003	0.0586	2.9000e-004	0.0456	1.9000e-004	0.0458	0.0117	1.8000e-004	0.0119	0.0000	16.5254	16.5254	6.1000e-004	0.0000	16.5382
Total	4.4900e-003	5.3300e-003	0.0586	2.9000e-004	0.0456	1.9000e-004	0.0458	0.0117	1.8000e-004	0.0119	0.0000	16.5254	16.5254	6.1000e-004	0.0000	16.5382

3.12 Architectural Coating - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.3211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0163	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553
Total	9.3236	0.0163	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0423	0.0503	0.5526	2.7400e-003	0.2307	1.7800e-003	0.2324	0.0614	1.6500e-003	0.0630	0.0000	155.8602	155.8602	5.7200e-003	0.0000	155.9803
Total	0.0423	0.0503	0.5526	2.7400e-003	0.2307	1.7800e-003	0.2324	0.0614	1.6500e-003	0.0630	0.0000	155.8602	155.8602	5.7200e-003	0.0000	155.9803

3.12 Architectural Coating - RSPU - 2033**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.3211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0130	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553
Total	9.3236	0.0130	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0423	0.0503	0.5526	2.7400e-003	0.2307	1.7800e-003	0.2324	0.0614	1.6500e-003	0.0630	0.0000	155.8602	155.8602	5.7200e-003	0.0000	155.9803
Total	0.0423	0.0503	0.5526	2.7400e-003	0.2307	1.7800e-003	0.2324	0.0614	1.6500e-003	0.0630	0.0000	155.8602	155.8602	5.7200e-003	0.0000	155.9803

3.12 Architectural Coating - RSPU - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	63.7762					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	63.7932	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2804	0.3373	3.7147	0.0188	1.5782	0.0122	1.5904	0.4198	0.0113	0.4311	0.0000	1,063.6550	1,063.6550	0.0386	0.0000	1,064.4658
Total	0.2804	0.3373	3.7147	0.0188	1.5782	0.0122	1.5904	0.4198	0.0113	0.4311	0.0000	1,063.6550	1,063.6550	0.0386	0.0000	1,064.4658

3.12 Architectural Coating - RSPU - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	63.7762					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.0891	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	63.7932	0.0891	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2804	0.3373	3.7147	0.0188	1.5782	0.0122	1.5904	0.4198	0.0113	0.4311	0.0000	1,063.6550	1,063.6550	0.0386	0.0000	1,064.4658
Total	0.2804	0.3373	3.7147	0.0188	1.5782	0.0122	1.5904	0.4198	0.0113	0.4311	0.0000	1,063.6550	1,063.6550	0.0386	0.0000	1,064.4658

3.13 Paving - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0268	0.1149	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6538
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0268	0.1149	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6538

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589
Total	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589

3.13 Paving - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0268	0.0920	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6537
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0268	0.0920	0.3718	6.6000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	56.6080	56.6080	2.1800e-003	0.0000	56.6537

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589
Total	9.1000e-004	1.1100e-003	0.0123	6.0000e-005	9.8600e-003	4.0000e-005	9.9000e-003	2.5300e-003	4.0000e-005	2.5700e-003	0.0000	3.5562	3.5562	1.3000e-004	0.0000	3.5589

3.14 Architectural Coating - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5458					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8300e-003	0.0182	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326
Total	3.5486	0.0182	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0503	0.0613	0.6753	3.4600e-003	0.2914	2.2500e-003	0.2936	0.0775	2.0900e-003	0.0796	0.0000	195.9463	195.9463	7.0500e-003	0.0000	196.0943
Total	0.0503	0.0613	0.6753	3.4600e-003	0.2914	2.2500e-003	0.2936	0.0775	2.0900e-003	0.0796	0.0000	195.9463	195.9463	7.0500e-003	0.0000	196.0943

3.14 Architectural Coating - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5458					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8300e-003	0.0146	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326
Total	3.5486	0.0146	0.0431	7.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	6.1278	6.1278	2.3000e-004	0.0000	6.1326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0503	0.0613	0.6753	3.4600e-003	0.2914	2.2500e-003	0.2936	0.0775	2.0900e-003	0.0796	0.0000	195.9463	195.9463	7.0500e-003	0.0000	196.0943
Total	0.0503	0.0613	0.6753	3.4600e-003	0.2914	2.2500e-003	0.2936	0.0775	2.0900e-003	0.0796	0.0000	195.9463	195.9463	7.0500e-003	0.0000	196.0943

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	50.3309	78.0720	446.8260	1.6024	110.4920	1.8293	112.3213	29.6056	1.6901	31.2957	0.0000	101,967.1440	101,967.1440	2.8797	0.0000	102,027.6170
Unmitigated	50.3309	78.0720	446.8260	1.6024	110.4920	1.8293	112.3213	29.6056	1.6901	31.2957	0.0000	101,967.1440	101,967.1440	2.8797	0.0000	102,027.6170

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	25,080.00	25,080.00	25080.00	49,289,945	49,289,945
Arena	201.81	201.81	201.81	263,992	263,992
City Park	0.00	0.00	0.00		
General Office Building	50,109.29	50,109.29	50109.29	86,015,162	86,015,162
Hardware/Paint Store	1,600.20	1,600.20	1600.20	2,362,626	2,362,626
Hospital	30,319.32	30,319.32	30319.32	64,014,563	64,014,563
Hotel	8,987.00	8,987.00	8987.00	13,914,011	13,914,011
Strip Mall	53,395.00	53,395.00	53395.00	80,817,860	80,817,860
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	169,692.62	169,692.62	169,692.62	296,678,160	296,678,160

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 Mid Rise	6.80	3.40	4.42	46.50	12.50	41.00	100	0	0
Arena	6.80	3.40	4.42	0.00	81.00	19.00	100	0	0
City Park	6.80	3.40	4.42	33.00	48.00	19.00	100	0	0
General Office Building	6.80	3.40	4.42	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	6.80	3.40	4.42	13.60	67.40	19.00	100	0	0
Hospital	6.80	3.40	4.42	64.90	16.10	19.00	100	0	0
Hotel	6.80	3.40	4.42	19.40	61.60	19.00	100	0	0
Strip Mall	6.80	3.40	4.42	16.60	64.40	19.00	100	0	0
Unenclosed Parking Structure	6.80	3.40	4.42	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 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	39,447.6857	39,447.6857	1.9379	0.4010	39,612.6775
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	39,447.6857	39,447.6857	1.9379	0.4010	39,612.6775
NaturalGas Mitigated	1.2297	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	12,169.2716	12,169.2716	0.2332	0.2231	12,243.3318
NaturalGas Unmitigated	1.2297	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	12,169.2716	12,169.2716	0.2332	0.2231	12,243.3318

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	4.76106e+007	0.2567	2.3339	1.9604	0.0140		0.1774	0.1774		0.1774	0.1774	0.0000	2,540.6851	2,540.6851	0.0487	0.0466	2,556.1473
Hardware/Paint Store	804600	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	42.9365	42.9365	8.2000e-004	7.9000e-004	43.1978
Hospital	6.54033e+007	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087
Hotel	5.04875e+007	0.2722	2.4749	2.0789	0.0149		0.1881	0.1881		0.1881	0.1881	0.0000	2,694.2048	2,694.2048	0.0516	0.0494	2,710.6013
Strip Mall	4.04535e+006	0.0218	0.1983	0.1666	1.1900e-003		0.0151	0.0151		0.0151	0.0151	0.0000	215.8753	215.8753	4.1400e-003	3.9600e-003	217.1891
Unenclosed Parking Structure	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
Apartments Mid Rise	4.7473e+007	0.2560	2.1875	0.9308	0.0140		0.1769	0.1769		0.1769	0.1769	0.0000	2,533.3379	2,533.3379	0.0486	0.0464	2,548.7554
Arena	1.22192e+007	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323
Total		1.2296	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	12,169.2716	12,169.2716	0.2333	0.2231	12,243.3318

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Land Use	kBTU/yr	tons/yr										MT/yr							
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
General Office Building	4.76106e+007	0.2567	2.3339	1.9604	0.0140		0.1774	0.1774		0.1774	0.1774	0.0000	2,540.6851	2,540.6851	0.0487	0.0466	2,556.1473		
Hardware/Paint Store	804600	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	42.9365	42.9365	8.2000e-004	7.9000e-004	43.1978		
Hospital	6.54033e+007	0.3527	3.2060	2.6931	0.0192		0.2437	0.2437		0.2437	0.2437	0.0000	3,490.1681	3,490.1681	0.0669	0.0640	3,511.4087		
Hotel	5.04875e+007	0.2722	2.4749	2.0789	0.0149		0.1881	0.1881		0.1881	0.1881	0.0000	2,694.2048	2,694.2048	0.0516	0.0494	2,710.6013		
Strip Mall	4.04535e+006	0.0218	0.1983	0.1666	1.1900e-003		0.0151	0.0151		0.0151	0.0151	0.0000	215.8753	215.8753	4.1400e-003	3.9600e-003	217.1891		
Unenclosed Parking Structure	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	0.0000	
Apartments Mid Rise	4.7473e+007	0.2560	2.1875	0.9308	0.0140		0.1769	0.1769		0.1769	0.1769	0.0000	2,533.3379	2,533.3379	0.0486	0.0464	2,548.7554		
Arena	1.22192e+007	0.0659	0.5990	0.5031	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	652.0639	652.0639	0.0125	0.0120	656.0323		
Total		1.2296	11.0390	8.3661	0.0671		0.8496	0.8496		0.8496	0.8496	0.0000	12,169.2716	12,169.2716	0.2333	0.2231	12,243.3318		

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.12266e+007	5,683.6422	0.2792	0.0578	5,707.4143
Arena	6.14126e+006	1,644.3855	0.0808	0.0167	1,651.2633
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	6.59644e+007	17,662.6244	0.8677	0.1795	17,736.4992
Hardware/Paint Store	2.1564e+006	577.3979	0.0284	5.8700e-003	579.8129
Hospital	2.28776e+007	6,125.7195	0.3009	0.0623	6,151.3406
Hotel	1.58442e+007	4,242.4512	0.2084	0.0431	4,260.1955
Strip Mall	1.08419e+007	2,903.0284	0.1426	0.0295	2,915.1704
Unenclosed Parking Structure	2.27232e+006	608.4367	0.0299	6.1800e-003	610.9815
Total		39,447.6857	1.9380	0.4010	39,612.6775

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.12266e+007	5,683.6422	0.2792	0.0578	5,707.4143
Arena	6.14126e+006	1,644.3855	0.0808	0.0167	1,651.2633
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	6.59644e+007	17,662.6244	0.8677	0.1795	17,736.4992
Hardware/Paint Store	2.1564e+006	577.3979	0.0284	5.8700e-003	579.8129
Hospital	2.28776e+007	6,125.7195	0.3009	0.0623	6,151.3406
Hotel	1.58442e+007	4,242.4512	0.2084	0.0431	4,260.1955
Strip Mall	1.08419e+007	2,903.0284	0.1426	0.0295	2,915.1704
Unenclosed Parking Structure	2.27232e+006	608.4367	0.0299	6.1800e-003	610.9815
Total		39,447.6857	1.9380	0.4010	39,612.6775

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Unmitigated	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696

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	11.4158					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	66.4704					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	1.8558	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Total	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696

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	11.4158					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	66.4704					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	1.8558	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696
Total	79.7420	0.7126	61.7922	3.2800e-003		0.3436	0.3436		0.3436	0.3436	0.0000	101.3349	101.3349	0.0969	0.0000	103.3696

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,568.3714	2.1409	1.2870	4,012.3031
Unmitigated	3,568.3714	2.1333	1.2854	4,011.6586

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	390.924 / 246.452	890.8230	0.5130	0.3084	997.2086
Arena	170.456 / 10.8802	297.9160	0.2192	0.1336	343.9251
City Park	0 / 35.7444	33.4983	1.6500e-003	3.4000e-004	33.6384
General Office Building	807.444 / 494.885	1,826.7071	1.0590	0.6369	2,046.3886
Hardware/Paint Store	13.3331 / 8.17187	30.1638	0.0175	0.0105	33.7913
Hospital	154.09 / 29.3505	287.6014	0.1991	0.1209	329.2696
Hotel	27.9034 / 3.10038	50.0050	0.0360	0.0219	57.5418
Strip Mall	67.0356 / 41.0864	151.6568	0.0879	0.0529	169.8952
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		3,568.3714	2.1333	1.2855	4,011.6586

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	390.924 / 246.452	890.8230	0.5148	0.3088	997.3631
Arena	170.456 / 10.8802	297.9160	0.2200	0.1337	343.9924
City Park	0 / 35.7444	33.4983	1.6500e-003	3.4000e-004	33.6384
General Office Building	807.444 / 494.885	1,826.7071	1.0627	0.6377	2,046.7076
Hardware/Paint Store	13.3331 / 8.17187	30.1638	0.0176	0.0105	33.7966
Hospital	154.09 / 29.3505	287.6014	0.1998	0.1211	329.3305
Hotel	27.9034 / 3.10038	50.0050	0.0361	0.0219	57.5528
Strip Mall	67.0356 / 41.0864	151.6568	0.0882	0.0529	169.9217
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		3,568.3714	2.1409	1.2870	4,012.3031

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4,833.095 1	285.6277	0.0000	10,831.27 75
Unmitigated	4,833.095 1	285.6277	0.0000	10,831.27 75

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	2760	560.2551	33.1101	0.0000	1,255.5677
Arena	10.89	2.2106	0.1306	0.0000	4.9540
City Park	2.58	0.5237	0.0310	0.0000	1.1737
General Office Building	4224.99	857.6348	50.6848	0.0000	1,922.0148
Hardware/Paint Store	1996.05	405.1801	23.9455	0.0000	908.0347
Hospital	13262.4	2,692.1474	159.1014	0.0000	6,033.2757
Hotel	602.25	122.2513	7.2249	0.0000	273.9731
Strip Mall	950.25	192.8922	11.3996	0.0000	432.2838
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		4,833.0951	285.6277	0.0000	10,831.2775

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	2760	560.2551	33.1101	0.0000	1,255.5677
Arena	10.89	2.2106	0.1306	0.0000	4.9540
City Park	2.58	0.5237	0.0310	0.0000	1.1737
General Office Building	4224.99	857.6348	50.6848	0.0000	1,922.0148
Hardware/Paint Store	1996.05	405.1801	23.9455	0.0000	908.0347
Hospital	13262.4	2,692.1474	159.1014	0.0000	6,033.2757
Hotel	602.25	122.2513	7.2249	0.0000	273.9731
Strip Mall	950.25	192.8922	11.3996	0.0000	432.2838
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		4,833.0951	285.6277	0.0000	10,831.2775

9.0 Operational Offroad

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

RSPU - Construction & Operations - MLS Event - Adjusted Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,543.00	1000sqft	104.29	4,543,000.00	0
Hospital	1,228.00	1000sqft	28.19	1,228,000.00	0
Unenclosed Parking Structure	2,160.00	Space	19.44	864,000.00	0
Arena	395.70	1000sqft	127.19	395,700.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Apartments Mid Rise	6,000.00	Dwelling Unit	157.89	6,000,000.00	16020
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	905.00	1000sqft	20.78	905,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT - Assumed 750,000 cy of soil would be imported to the project site during grading.

Grading - Assumes 750,000 cubic yards of soil imported

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates and trip lengths were adjusted to reflect the VMT provided by F&P.

Area Coating -

Energy Use - Adjusted energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	255,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	197,850.00

tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	2,556,911.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	359,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	765,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	593,550.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	7,670,733.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	1,077,005.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
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tblConstructionPhase	PhaseEndDate	8/24/2035	8/26/2035
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tblConstructionPhase	PhaseEndDate	1/16/2018	10/31/2017
tblConstructionPhase	PhaseEndDate	7/18/2033	9/16/2032

tblConstructionPhase	PhaseEndDate	12/14/2020	7/16/2021
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tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblConstructionPhase	PhaseEndDate	6/3/2036	11/8/2033
tblConstructionPhase	PhaseEndDate	3/7/2035	6/19/2035
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tblConstructionPhase	PhaseStartDate	9/25/2021	9/27/2021
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tblConstructionPhase	PhaseStartDate	11/1/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	1/16/2018	8/20/2018
tblConstructionPhase	PhaseStartDate	12/4/2021	5/16/2032
tblConstructionPhase	PhaseStartDate	4/13/2035	9/17/2032
tblConstructionPhase	PhaseStartDate	1/1/2035	4/13/2035
tblConstructionPhase	PhaseStartDate	9/17/2032	11/1/2017
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tblEnergyUse	T24E	9.62	7.22
tblEnergyUse	T24E	4.39	3.29
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tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	58.20	43.65

tblEnergyUse	T24NG	34.77	26.08
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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	81.2324	407.5484	927.0078	1.6312	90.3351	10.4211	100.7562	25.7755	9.6183	35.3938	0.0000	148,932.1412	148,932.1412	6.3593	0.0000	149,065.6861
2017	168.2791	454.3267	1,368.0363	2.6828	154.4791	9.8873	164.3664	41.5369	9.1588	50.6957	0.0000	232,682.7370	232,682.7370	7.8714	0.0000	232,848.0354
2018	159.5517	408.4243	1,218.1637	2.6782	154.4727	8.8552	163.3279	41.5345	8.2071	49.7416	0.0000	225,979.7972	225,979.7972	7.3659	0.0000	226,134.4803
2019	91.9017	371.6449	1,131.4325	2.6690	154.4802	8.0524	162.5325	41.5372	7.4633	49.0005	0.0000	219,378.1896	219,378.1896	6.9516	0.0000	219,524.1722
2020	82.4687	326.6423	1,036.0794	2.6667	154.4857	7.2108	161.6965	41.5395	6.6848	48.2243	0.0000	212,451.8139	212,451.8139	6.6356	0.0000	212,591.1613
2021	242.6236	280.2092	975.3882	2.6656	154.4938	6.4901	160.9839	41.5425	6.0162	47.5587	0.0000	210,500.6949	210,500.6949	6.3909	0.0000	210,634.9039
2022	36.7451	126.3157	467.4591	1.3328	77.2525	3.0654	80.3178	20.7733	2.8404	23.6137	0.0000	104,421.8813	104,421.8813	3.1006	0.0000	104,486.9936
2023	34.7236	115.1503	446.2311	1.3325	77.2575	2.8498	80.1072	20.7753	2.6399	23.4151	0.0000	103,660.7287	103,660.7287	2.9971	0.0000	103,723.6673
2024	33.5042	112.4567	431.6893	1.3329	77.2629	2.7753	80.0382	20.7774	2.5694	23.3467	0.0000	103,051.8201	103,051.8201	2.9258	0.0000	103,113.2626
2025	32.4288	109.9205	419.3336	1.3332	77.2667	2.6994	79.9661	20.7788	2.4979	23.2767	0.0000	102,516.5968	102,516.5968	2.8661	0.0000	102,576.7856
2026	31.6062	108.4205	409.1710	1.3336	77.2705	2.7046	79.9751	20.7802	2.5027	23.2829	0.0000	102,066.8424	102,066.8424	2.8189	0.0000	102,126.0382
2027	30.8948	107.1848	400.5732	1.3339	77.2745	2.7121	79.9866	20.7818	2.5096	23.2914	0.0000	101,681.1650	101,681.1650	2.7768	0.0000	101,739.4787
2028	30.1675	106.0658	392.4227	1.3342	77.2777	2.7167	79.9944	20.7830	2.5139	23.2969	0.0000	101,347.7911	101,347.7911	2.7390	0.0000	101,405.3097
2029	29.4900	105.0809	385.1371	1.3344	77.2807	2.7205	80.0012	20.7842	2.5174	23.3016	0.0000	101,065.0078	101,065.0078	2.7025	0.0000	101,121.7593
2030	28.8175	99.6948	379.5497	1.3387	77.2837	2.3463	79.6300	20.7854	2.1741	22.9595	0.0000	101,170.5153	101,170.5153	2.1874	0.0000	101,216.4501

	ROG	NOx	CO	SO2	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					
2031	28.2592	98.9290	374.4254	1.3390	77.2873	2.3497	79.6370	20.7868	2.1772	22.9640	0.0000	100,983.6440	100,983.6440	2.1572	0.0000	101,028.9451
2032	55.4561	196.5244	740.0810	2.6787	154.5818	4.7051	159.2869	41.5765	4.3596	45.9361	0.0000	201,662.9618	201,662.9618	4.2614	0.0000	201,752.4511
2033	520.6611	104.6958	403.1016	1.5025	89.8688	2.6797	92.3374	24.1251	2.5067	26.4140	0.0000	111,006.6902	111,006.6902	2.4515	0.0000	111,058.1717
2034	520.1180	100.3751	399.0723	1.5027	89.8720	2.4699	92.3419	24.1264	2.2901	26.4165	0.0000	110,880.8265	110,880.8265	2.4260	0.0000	110,931.7716
2035	150.3401	95.9501	359.9309	1.3402	77.3005	2.2986	79.5990	20.7921	2.1255	22.9176	0.0000	100,526.0820	100,526.0820	2.0606	0.0000	100,569.3554
Total	2,389.2694	3,835.5600	12,664.2858	35.3628	2,047.0835	90.0098	2,136.8822	551.8922	83.3729	635.0473	0.0000	2,795,967.9267	2,795,967.9267	80.0454	0.0000	2,797,648.8791

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	81.2324	386.8844	927.0078	1.6312	86.1508	10.4211	96.5719	23.8465	9.6183	33.4648	0.0000	148,932.1412	148,932.1412	6.3593	0.0000	149,065.6861
2017	168.2791	443.7645	1,368.0363	2.6828	154.4791	9.8873	164.3664	41.5369	9.1588	50.6957	0.0000	232,682.7370	232,682.7370	7.8714	0.0000	232,848.0354
2018	159.5517	399.1200	1,218.1637	2.6782	154.4727	8.8552	163.3279	41.5345	8.2071	49.7416	0.0000	225,979.7972	225,979.7972	7.3659	0.0000	226,134.4803
2019	91.9017	363.2589	1,131.4325	2.6690	154.4802	8.0524	162.5325	41.5372	7.4633	49.0005	0.0000	219,378.1896	219,378.1896	6.9516	0.0000	219,524.1722
2020	82.4687	319.0087	1,036.0794	2.6667	154.4857	7.2108	161.6965	41.5395	6.6848	48.2243	0.0000	212,451.8139	212,451.8139	6.6356	0.0000	212,591.1613
2021	242.6236	273.2731	975.3882	2.6656	154.4938	6.4901	160.9839	41.5425	6.0162	47.5587	0.0000	210,500.6949	210,500.6949	6.3909	0.0000	210,634.9039
2022	36.7451	123.2084	467.4591	1.3328	77.2525	3.0654	80.3178	20.7733	2.8404	23.6137	0.0000	104,421.8813	104,421.8813	3.1006	0.0000	104,486.9936

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	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Energy	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.15 49	73,503.15 49	1.4088	1.3476	73,950.48 28
Mobile	346.4912	421.7001	2,621.971 1	9.7826	641.7224	10.4263	652.1488	171.4537	9.6338	181.0876		681,726.3 148	681,726.3 148	17.9876		682,104.0 549
Total	794.8493	487.8881	3,162.150 6	10.1763	641.7224	17.8304	659.5528	171.4537	17.0379	188.4916	0.0000	756,123.0 905	756,123.0 905	20.2509	1.3476	756,966.1 015

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	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Energy	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.15 49	73,503.15 49	1.4088	1.3476	73,950.48 28
Mobile	346.4912	421.7001	2,621.971 1	9.7826	641.7224	10.4263	652.1488	171.4537	9.6338	181.0876		681,726.3 148	681,726.3 148	17.9876		682,104.0 549
Total	794.8493	487.8881	3,162.150 6	10.1763	641.7224	17.8304	659.5528	171.4537	17.0379	188.4916	0.0000	756,123.0 905	756,123.0 905	20.2509	1.3476	756,966.1 015

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction - MLS Stadium	Building Construction	10/15/2016	10/31/2017	5	272	
3	Building Construction - RSPU	Building Construction	1/1/2017	9/16/2032	5	4099	
4	Paving - MLS Stadium	Paving	11/1/2017	1/15/2018	5	54	
5	Architectural Coating - MLS Stadium	Architectural Coating	11/1/2017	1/15/2018	5	54	
6	Building Construction - KPMC Phase 1	Building Construction	8/20/2018	7/16/2021	5	760	
7	Paving - KPMC Phase 1	Paving	7/19/2021	9/24/2021	5	50	
8	Architectural Coating - KPMC Phase 1	Architectural Coating	9/27/2021	12/3/2021	5	50	
9	Building Construction - KPMC Phase 2	Building Construction	5/16/2032	4/12/2035	5	759	
10	Paving - RSPU	Paving	9/17/2032	11/8/2033	5	298	
11	Architectural Coating - RSPU	Architectural Coating	11/9/2033	12/31/2034	5	298	
12	Paving - KPMC Phase 2	Paving	4/13/2035	6/19/2035	5	48	
13	Architectural Coating - KPMC Phase 2	Architectural Coating	6/20/2035	8/26/2035	5	48	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 244

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 593,550; Non-Residential Outdoor: 197,850 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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 - MLS Stadium	Cranes	1	7.00	226	0.29
Building Construction - MLS Stadium	Forklifts	3	8.00	89	0.20
Building Construction - MLS Stadium	Generator Sets	1	8.00	84	0.74
Building Construction - MLS Stadium	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - MLS Stadium	Welders	1	8.00	46	0.45
Building Construction - RSPU	Cranes	1	7.00	226	0.29
Building Construction - RSPU	Forklifts	3	8.00	89	0.20
Building Construction - RSPU	Generator Sets	1	8.00	84	0.74
Building Construction - RSPU	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - RSPU	Welders	1	8.00	46	0.45
Paving - MLS Stadium	Pavers	2	8.00	125	0.42
Paving - MLS Stadium	Paving Equipment	2	8.00	130	0.36
Paving - MLS Stadium	Rollers	2	8.00	80	0.38
Architectural Coating - MLS Stadium	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 1	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 1	Welders	1	8.00	46	0.45

Paving - KPMC Phase 1	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 1	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 1	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 2	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 2	Welders	1	8.00	46	0.45
Paving - RSPU	Pavers	2	8.00	125	0.42
Paving - RSPU	Paving Equipment	2	8.00	130	0.36
Paving - RSPU	Rollers	2	8.00	80	0.38
Architectural Coating - RSPU	Air Compressors	1	6.00	78	0.48
Paving - KPMC Phase 2	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 2	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 2	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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction - MLS Stadium	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - PSPU	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - MLS Stadium	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 1	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 1	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 2	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - PSPU	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 2	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					7.6078	0.0000	7.6078	3.5073	0.0000	3.5073			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	7.6078	3.5842	11.1920	3.5073	3.2975	6.8048		6,414.9807	6,414.9807	1.9350		6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.2 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4235	0.0000	3.4235	1.5783	0.0000	1.5783			0.0000			0.0000
Off-Road	6.4795	59.8510	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	59.8510	49.1374	0.0617	3.4235	3.5842	7.0077	1.5783	3.2975	4.8758	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.3 Building Construction - MLS Stadium - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.5773	196.6152	344.9715	0.5121	14.3793	3.2226	17.6020	4.0937	2.9593	7.0530		51,110.1740	51,110.1740	0.4021		51,118.6188
Worker	33.1149	29.7876	398.7483	0.8041	62.8566	0.4619	63.3184	16.6733	0.4243	17.0976		66,056.9236	66,056.9236	3.1911		66,123.9376
Total	62.6922	226.4028	743.7198	1.3161	77.2359	3.6845	80.9204	20.7670	3.3836	24.1506		117,167.0976	117,167.0976	3.5933		117,242.5564

3.3 Building Construction - MLS Stadium - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	22.8051	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	22.8051	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.5773	196.6152	344.9715	0.5121	14.3793	3.2226	17.6020	4.0937	2.9593	7.0530		51,110.1740	51,110.1740	0.4021		51,118.6188
Worker	33.1149	29.7876	398.7483	0.8041	62.8566	0.4619	63.3184	16.6733	0.4243	17.0976		66,056.9236	66,056.9236	3.1911		66,123.9376
Total	62.6922	226.4028	743.7198	1.3161	77.2359	3.6845	80.9204	20.7670	3.3836	24.1506		117,167.0976	117,167.0976	3.5933		117,242.5564

3.3 Building Construction - MLS Stadium - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.3 Building Construction - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.4 Building Construction - RSPU - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.4 Building Construction - RSPU - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.330	107,108.330	2.8479		107,168.1382

3.4 Building Construction - RSPU - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.4 Building Construction - RSPU - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.4 Building Construction - RSPU - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.4 Building Construction - RSPU - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.4 Building Construction - RSPU - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7311	92.9098	205.2241	0.5068	14.3959	1.8226	16.2185	4.1001	1.6769	5.7769		47,408.4667	47,408.4667	0.3457		47,415.7266
Worker	20.3148	17.8695	245.9074	0.7992	62.8566	0.4370	63.2936	16.6733	0.4054	17.0787		54,469.6649	54,469.6649	2.1464		54,514.7383
Total	35.0459	110.7793	451.1315	1.3060	77.2525	2.2597	79.5121	20.7733	2.0823	22.8556		101,878.1316	101,878.1316	2.4921		101,930.4649

3.4 Building Construction - RSPU - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7311	92.9098	205.2241	0.5068	14.3959	1.8226	16.2185	4.1001	1.6769	5.7769		47,408.4667	47,408.4667	0.3457		47,415.7266
Worker	20.3148	17.8695	245.9074	0.7992	62.8566	0.4370	63.2936	16.6733	0.4054	17.0787		54,469.6649	54,469.6649	2.1464		54,514.7383
Total	35.0459	110.7793	451.1315	1.3060	77.2525	2.2597	79.5121	20.7733	2.0823	22.8556		101,878.1316	101,878.1316	2.4921		101,930.4649

3.4 Building Construction - RSPU - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.8622	83.9477	196.9369	0.5066	14.4009	1.7130	16.1139	4.1020	1.5760	5.6780		47,401.30 65	47,401.30 65	0.3281		47,408.19 58
Worker	19.2953	16.8900	233.0849	0.7991	62.8566	0.4401	63.2966	16.6733	0.4082	17.0815		53,714.79 60	53,714.79 60	2.0646		53,758.15 24
Total	33.1575	100.8377	430.0218	1.3057	77.2575	2.1531	79.4105	20.7753	1.9842	22.7595		101,116.1 025	101,116.1 025	2.3927		101,166.3 482

3.4 Building Construction - RSPU - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.8622	83.9477	196.9369	0.5066	14.4009	1.7130	16.1139	4.1020	1.5760	5.6780		47,401.30 65	47,401.30 65	0.3281		47,408.19 58
Worker	19.2953	16.8900	233.0849	0.7991	62.8566	0.4401	63.2966	16.6733	0.4082	17.0815		53,714.79 60	53,714.79 60	2.0646		53,758.15 24
Total	33.1575	100.8377	430.0218	1.3057	77.2575	2.1531	79.4105	20.7753	1.9842	22.7595		101,116.1 025	101,116.1 025	2.3927		101,166.3 482

3.4 Building Construction - RSPU - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.6450	83.0188	193.0585	0.5071	14.4063	1.7213	16.1276	4.1041	1.5836	5.6877		47,455.9261	47,455.9261	0.3295		47,462.8462
Worker	18.3939	16.0604	222.4977	0.7990	62.8566	0.4434	63.3000	16.6733	0.4114	17.0847		53,050.7786	53,050.7786	1.9954		53,092.6815
Total	32.0389	99.0793	415.5561	1.3061	77.2629	2.1647	79.4276	20.7774	1.9950	22.7724		100,506.7047	100,506.7047	2.3249		100,555.5277

3.4 Building Construction - RSPU - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.6450	83.0188	193.0585	0.5071	14.4063	1.7213	16.1276	4.1041	1.5836	5.6877		47,455.9261	47,455.9261	0.3295		47,462.8462
Worker	18.3939	16.0604	222.4977	0.7990	62.8566	0.4434	63.3000	16.6733	0.4114	17.0847		53,050.7786	53,050.7786	1.9954		53,092.6815
Total	32.0389	99.0793	415.5561	1.3061	77.2629	2.1647	79.4276	20.7774	1.9950	22.7724		100,506.7047	100,506.7047	2.3249		100,555.5277

3.4 Building Construction - RSPU - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.4175	82.1406	189.4787	0.5074	14.4101	1.7269	16.1370	4.1055	1.5888	5.6943		47,496.6016	47,496.6016	0.3307		47,503.5452
Worker	17.6498	15.3703	213.8031	0.7989	62.8566	0.4475	63.3041	16.6733	0.4152	17.0885		52,474.1047	52,474.1047	1.9380		52,514.8018
Total	31.0674	97.5109	403.2818	1.3064	77.2667	2.1744	79.4411	20.7788	2.0040	22.7828		99,970.7063	99,970.7063	2.2686		100,018.3470

3.4 Building Construction - RSPU - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.4175	82.1406	189.4787	0.5074	14.4101	1.7269	16.1370	4.1055	1.5888	5.6943		47,496.6016	47,496.6016	0.3307		47,503.5452
Worker	17.6498	15.3703	213.8031	0.7989	62.8566	0.4475	63.3041	16.6733	0.4152	17.0885		52,474.1047	52,474.1047	1.9380		52,514.8018
Total	31.0674	97.5109	403.2818	1.3064	77.2667	2.1744	79.4411	20.7788	2.0040	22.7828		99,970.7063	99,970.7063	2.2686		100,018.3470

3.4 Building Construction - RSPU - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.2546	81.2164	186.5449	0.5078	14.4139	1.7273	16.1412	4.1070	1.5891	5.6961		47,538.8185	47,538.8185	0.3312		47,545.7727
Worker	16.9902	14.7944	206.5743	0.7989	62.8566	0.4523	63.3089	16.6733	0.4197	17.0929		51,982.1334	51,982.1334	1.8902		52,021.8270
Total	30.2448	96.0108	393.1192	1.3067	77.2705	2.1796	79.4501	20.7802	2.0088	22.7890		99,520.9519	99,520.9519	2.2213		99,567.5996

3.4 Building Construction - RSPU - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.2546	81.2164	186.5449	0.5078	14.4139	1.7273	16.1412	4.1070	1.5891	5.6961		47,538.8185	47,538.8185	0.3312		47,545.7727
Worker	16.9902	14.7944	206.5743	0.7989	62.8566	0.4523	63.3089	16.6733	0.4197	17.0929		51,982.1334	51,982.1334	1.8902		52,021.8270
Total	30.2448	96.0108	393.1192	1.3067	77.2705	2.1796	79.4501	20.7802	2.0088	22.7890		99,520.9519	99,520.9519	2.2213		99,567.5996

3.4 Building Construction - RSPU - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1652	80.4915	184.3327	0.5082	14.4179	1.7307	16.1486	4.1085	1.5923	5.7008		47,578.0028	47,578.0028	0.3320		47,584.9751
Worker	16.3681	14.2836	200.1887	0.7989	62.8566	0.4564	63.3130	16.6733	0.4234	17.0967		51,557.2717	51,557.2717	1.8473		51,596.0650
Total	29.5333	94.7751	384.5215	1.3071	77.2745	2.1871	79.4616	20.7818	2.0157	22.7975		99,135.2745	99,135.2745	2.1793		99,181.0401

3.4 Building Construction - RSPU - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1652	80.4915	184.3327	0.5082	14.4179	1.7307	16.1486	4.1085	1.5923	5.7008		47,578.0028	47,578.0028	0.3320		47,584.9751
Worker	16.3681	14.2836	200.1887	0.7989	62.8566	0.4564	63.3130	16.6733	0.4234	17.0967		51,557.2717	51,557.2717	1.8473		51,596.0650
Total	29.5333	94.7751	384.5215	1.3071	77.2745	2.1871	79.4616	20.7818	2.0157	22.7975		99,135.2745	99,135.2745	2.1793		99,181.0401

3.4 Building Construction - RSPU - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.0172	79.8299	181.7611	0.5084	14.4211	1.7317	16.1527	4.1097	1.5932	5.7029		47,607.6371	47,607.6371	0.3325		47,614.6190
Worker	15.7889	13.8263	194.6099	0.7989	62.8566	0.4601	63.3167	16.6733	0.4269	17.1001		51,194.2634	51,194.2634	1.8090		51,232.2522
Total	28.8061	93.6561	376.3709	1.3073	77.2777	2.1917	79.4694	20.7830	2.0200	22.8030		98,801.9006	98,801.9006	2.1415		98,846.8712

3.4 Building Construction - RSPU - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.0172	79.8299	181.7611	0.5084	14.4211	1.7317	16.1527	4.1097	1.5932	5.7029		47,607.6371	47,607.6371	0.3325		47,614.6190
Worker	15.7889	13.8263	194.6099	0.7989	62.8566	0.4601	63.3167	16.6733	0.4269	17.1001		51,194.2634	51,194.2634	1.8090		51,232.2522
Total	28.8061	93.6561	376.3709	1.3073	77.2777	2.1917	79.4694	20.7830	2.0200	22.8030		98,801.9006	98,801.9006	2.1415		98,846.8712

3.4 Building Construction - RSPU - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9233	79.2821	179.8468	0.5087	14.4242	1.7325	16.1567	4.1109	1.5940	5.7049		47,634.7616	47,634.7616	0.3329		47,641.7519
Worker	15.2052	13.3891	189.2385	0.7989	62.8566	0.4629	63.3195	16.6733	0.4295	17.1028		50,884.3556	50,884.3556	1.7721		50,921.5689
Total	28.1286	92.6712	369.0853	1.3076	77.2807	2.1955	79.4762	20.7842	2.0235	22.8077		98,519.1172	98,519.1172	2.1049		98,563.3208

3.4 Building Construction - RSPU - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9233	79.2821	179.8468	0.5087	14.4242	1.7325	16.1567	4.1109	1.5940	5.7049		47,634.7616	47,634.7616	0.3329		47,641.7519
Worker	15.2052	13.3891	189.2385	0.7989	62.8566	0.4629	63.3195	16.6733	0.4295	17.1028		50,884.3556	50,884.3556	1.7721		50,921.5689
Total	28.1286	92.6712	369.0853	1.3076	77.2807	2.1955	79.4762	20.7842	2.0235	22.8077		98,519.1172	98,519.1172	2.1049		98,563.3208

3.4 Building Construction - RSPU - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8679	78.7846	178.8491	0.5089	14.4272	1.7336	16.1608	4.1121	1.5950	5.7071		47,662.9011	47,662.9011	0.3333		47,669.9001
Worker	14.6454	12.9923	184.5692	0.7989	62.8566	0.4651	63.3216	16.6733	0.4315	17.1048		50,622.7842	50,622.7842	1.7383		50,659.2883
Total	27.5134	91.7769	363.4183	1.3079	77.2837	2.1987	79.4824	20.7854	2.0265	22.8119		98,285.6853	98,285.6853	2.0716		98,329.1884

3.4 Building Construction - RSPU - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8679	78.7846	178.8491	0.5089	14.4272	1.7336	16.1608	4.1121	1.5950	5.7071		47,662.9011	47,662.9011	0.3333		47,669.9001
Worker	14.6454	12.9923	184.5692	0.7989	62.8566	0.4651	63.3216	16.6733	0.4315	17.1048		50,622.7842	50,622.7842	1.7383		50,659.2883
Total	27.5134	91.7769	363.4183	1.3079	77.2837	2.1987	79.4824	20.7854	2.0265	22.8119		98,285.6853	98,285.6853	2.0716		98,329.1884

3.4 Building Construction - RSPU - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8365	78.3882	177.9514	0.5092	14.4307	1.7357	16.1664	4.1135	1.5969	5.7104		47,694.9251	47,694.9251	0.3338		47,701.9342
Worker	14.1186	12.6229	180.3426	0.7990	62.8566	0.4664	63.3230	16.6733	0.4327	17.1060		50,403.8889	50,403.8889	1.7076		50,439.7492
Total	26.9551	91.0111	358.2940	1.3082	77.2873	2.2021	79.4894	20.7868	2.0296	22.8164		98,098.8140	98,098.8140	2.0414		98,141.6834

3.4 Building Construction - RSPU - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8365	78.3882	177.9514	0.5092	14.4307	1.7357	16.1664	4.1135	1.5969	5.7104		47,694.9251	47,694.9251	0.3338		47,701.9342
Worker	14.1186	12.6229	180.3426	0.7990	62.8566	0.4664	63.3230	16.6733	0.4327	17.1060		50,403.8889	50,403.8889	1.7076		50,439.7492
Total	26.9551	91.0111	358.2940	1.3082	77.2873	2.2021	79.4894	20.7868	2.0296	22.8164		98,098.8140	98,098.8140	2.0414		98,141.6834

3.4 Building Construction - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.4 Building Construction - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.5 Paving - MLS Stadium - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917
Total	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917

3.5 Paving - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917
Total	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917

3.5 Paving - MLS Stadium - 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	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817
Total	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817

3.5 Paving - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817
Total	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	102.2251	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22
Total	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22

3.6 Architectural Coating - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	1.7480	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	102.2251	1.7480	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22
Total	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	102.1914	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818
Total	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818

3.6 Architectural Coating - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	1.6046	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	102.1914	1.6046	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818
Total	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818

3.7 Building Construction - KPMC Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.7 Building Construction - KPMC Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.7 Building Construction - KPMC Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.7 Building Construction - KPMC Phase 1 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.7 Building Construction - KPMC Phase 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.7 Building Construction - KPMC Phase 1 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.7 Building Construction - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.7 Building Construction - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.8 Paving - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113
Total	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113

3.8 Paving - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113
Total	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113

3.9 Architectural Coating - KPMC Phase 1 - 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	199.6768					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	199.8957	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234
Total	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234

3.9 Architectural Coating - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	199.6768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537
Total	199.8957	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234
Total	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234

3.10 Building Construction - KPMC Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.10 Building Construction - KPMC Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.10 Building Construction - KPMC Phase 2 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7744	77.7127	176.5814	0.5098	14.4378	1.7390	16.1768	4.1164	1.5999	5.7162		47,752.7695	47,752.7695	0.3346		47,759.7951
Worker	13.2208	12.0415	173.8190	0.7990	62.8566	0.4681	63.3246	16.6733	0.4343	17.1076		50,071.0157	50,071.0157	1.6581		50,105.8351
Total	25.9952	89.7542	350.4004	1.3088	77.2944	2.2071	79.5015	20.7896	2.0342	22.8238		97,823.7852	97,823.7852	1.9926		97,865.6301

3.10 Building Construction - KPMC Phase 2 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7744	77.7127	176.5814	0.5098	14.4378	1.7390	16.1768	4.1164	1.5999	5.7162		47,752.7695	47,752.7695	0.3346		47,759.7951
Worker	13.2208	12.0415	173.8190	0.7990	62.8566	0.4681	63.3246	16.6733	0.4343	17.1076		50,071.0157	50,071.0157	1.6581		50,105.8351
Total	25.9952	89.7542	350.4004	1.3088	77.2944	2.2071	79.5015	20.7896	2.0342	22.8238		97,823.7852	97,823.7852	1.9926		97,865.6301

3.10 Building Construction - KPMC Phase 2 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7554	77.4222	175.9700	0.5101	14.4411	1.7401	16.1811	4.1176	1.6009	5.7185		47,779.9528	47,779.9528	0.3349		47,786.9850
Worker	12.7841	11.8151	170.9708	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,943.4816	49,943.4816	1.6365		49,977.8486
Total	25.5395	89.2373	346.9408	1.3091	77.2976	2.2083	79.5059	20.7909	2.0353	22.8262		97,723.4344	97,723.4344	1.9714		97,764.8336

3.10 Building Construction - KPMC Phase 2 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7554	77.4222	175.9700	0.5101	14.4411	1.7401	16.1811	4.1176	1.6009	5.7185		47,779.9528	47,779.9528	0.3349		47,786.9850
Worker	12.7841	11.8151	170.9708	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,943.4816	49,943.4816	1.6365		49,977.8486
Total	25.5395	89.2373	346.9408	1.3091	77.2976	2.2083	79.5059	20.7909	2.0353	22.8262		97,723.4344	97,723.4344	1.9714		97,764.8336

3.10 Building Construction - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7226	77.1612	175.3174	0.5103	14.4439	1.7403	16.1842	4.1188	1.6011	5.7198		47,803.5465	47,803.5465	0.3351		47,810.5839
Worker	12.4048	11.6380	168.5213	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,837.7056	49,837.7056	1.6180		49,871.6837
Total	25.1274	88.7991	343.8387	1.3093	77.3005	2.2085	79.5090	20.7921	2.0355	22.8275		97,641.2520	97,641.2520	1.9531		97,682.2676

3.10 Building Construction - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	5.7208	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	5.7208	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7226	77.1612	175.3174	0.5103	14.4439	1.7403	16.1842	4.1188	1.6011	5.7198		47,803.5465	47,803.5465	0.3351		47,810.5839
Worker	12.4048	11.6380	168.5213	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,837.7056	49,837.7056	1.6180		49,871.6837
Total	25.1274	88.7991	343.8387	1.3093	77.3005	2.2085	79.5090	20.7921	2.0355	22.8275		97,641.2520	97,641.2520	1.9531		97,682.2676

3.11 Paving - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655
Total	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655

3.11 Paving - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655
Total	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655

3.11 Paving - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164
Total	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164

3.11 Paving - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164
Total	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164

3.12 Architectural Coating - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926
Total	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926

3.12 Architectural Coating - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926
Total	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926

3.12 Architectural Coating - RSPU - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891
Total	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891

3.12 Architectural Coating - RSPU - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891
Total	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891

3.13 Paving - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.13 Paving - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.14 Architectural Coating - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	147.7406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665
Total	147.8585	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510
Total	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510

3.14 Architectural Coating - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	147.7406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	147.8585	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510
Total	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510

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	346.4912	421.7001	2,621.971 1	9.7826	641.7224	10.4263	652.1488	171.4537	9.6338	181.0876		681,726.3 148	681,726.3 148	17.9876		682,104.0 549
Unmitigated	346.4912	421.7001	2,621.971 1	9.7826	641.7224	10.4263	652.1488	171.4537	9.6338	181.0876		681,726.3 148	681,726.3 148	17.9876		682,104.0 549

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	25,080.00	25,080.00	25080.00	46,390,536	46,390,536
Arena	19,444.70	19,444.70	19444.70	23,940,188	23,940,188
City Park	0.00	0.00	0.00		
General Office Building	50,109.29	50,109.29	50109.29	80,955,446	80,955,446
Hardware/Paint Store	1,600.20	1,600.20	1600.20	2,223,648	2,223,648
Hospital	30,319.32	30,319.32	30319.32	60,249,000	60,249,000
Hotel	8,987.00	8,987.00	8987.00	13,095,540	13,095,540
Strip Mall	53,395.00	53,395.00	53395.00	76,063,869	76,063,869
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	188,935.51	188,935.51	188,935.51	302,918,228	302,918,228

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 Mid Rise	6.40	3.20	4.16	46.50	12.50	41.00	100	0	0
Arena	6.40	3.20	4.16	0.00	81.00	19.00	100	0	0
City Park	6.40	3.20	4.16	33.00	48.00	19.00	100	0	0
General Office Building	6.40	3.20	4.16	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	6.40	3.20	4.16	13.60	67.40	19.00	100	0	0
Hospital	6.40	3.20	4.16	64.90	16.10	19.00	100	0	0
Hotel	6.40	3.20	4.16	19.40	61.60	19.00	100	0	0
Strip Mall	6.40	3.20	4.16	16.60	64.40	19.00	100	0	0
Unenclosed Parking Structure	6.40	3.20	4.16	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828
NaturalGas Unmitigated	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

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					
Arena	33477.3	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
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	130440	1.4067	12.7883	10.7421	0.0767		0.9719	0.9719		0.9719	0.9719		15,345.8953	15,345.8953	0.2941	0.2813	15,439.2878
Hardware/Paint Store	2204.38	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hospital	179187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Hotel	138322	1.4917	13.5610	11.3912	0.0814		1.0306	1.0306		1.0306	1.0306		16,273.1642	16,273.1642	0.3119	0.2983	16,372.2000
Strip Mall	11083.2	0.1195	1.0866	0.9127	6.5200e-003		0.0826	0.0826		0.0826	0.0826		1,303.9001	1,303.9001	0.0250	0.0239	1,311.8354
Unenclosed Parking Structure	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
Apartments Mid Rise	130063	1.4026	11.9862	5.1005	0.0765		0.9691	0.9691		0.9691	0.9691		15,301.5181	15,301.5181	0.2933	0.2805	15,394.6406
Total		6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

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	130.44	1.4067	12.7883	10.7421	0.0767		0.9719	0.9719		0.9719	0.9719		15,345.8953	15,345.8953	0.2941	0.2813	15,439.2878
Hardware/Paint Store	2.20438	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hospital	179.187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Hotel	138.322	1.4917	13.5610	11.3912	0.0814		1.0306	1.0306		1.0306	1.0306		16,273.1642	16,273.1642	0.3119	0.2983	16,372.2000
Strip Mall	11.0832	0.1195	1.0866	0.9127	6.5200e-003		0.0826	0.0826		0.0826	0.0826		1,303.9001	1,303.9001	0.0250	0.0239	1,311.8354
Unenclosed Parking Structure	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
Apartments Mid Rise	130.063	1.4026	11.9862	5.1005	0.0765		0.9691	0.9691		0.9691	0.9691		15,301.5181	15,301.5181	0.2933	0.2805	15,394.6406
Arena	33.4773	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
Total		6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Unmitigated	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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	62.5523					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	364.2216					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	14.8464	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489		893.6209	893.6209	0.8544		911.5638
Total	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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	62.5523					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	364.2216					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	14.8464	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489		893.6209	893.6209	0.8544		911.5638
Total	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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

RSPU - Construction & Operations - Non MLS Event - Adjusted Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,543.00	1000sqft	104.29	4,543,000.00	0
Hospital	1,228.00	1000sqft	28.19	1,228,000.00	0
Unenclosed Parking Structure	2,160.00	Space	19.44	864,000.00	0
Arena	395.70	1000sqft	127.19	395,700.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Apartments Mid Rise	6,000.00	Dwelling Unit	157.89	6,000,000.00	16020
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	905.00	1000sqft	20.78	905,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT - Assumed 750,000 cy of soil would be imported to the project site during grading.

Grading - Assumes 750,000 cubic yards of soil imported

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates were provided by F&P. Trip lengths were adjusted to match the VMT provided by F&P.

Area Coating -

Energy Use - Adjusted energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	255,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	197,850.00

tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	2,556,911.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	359,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	765,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	593,550.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	7,670,733.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	1,077,005.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00

tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	660.00	298.00
tblConstructionPhase	NumDays	660.00	48.00
tblConstructionPhase	NumDays	660.00	54.00
tblConstructionPhase	NumDays	660.00	50.00
tblConstructionPhase	NumDays	9,300.00	272.00
tblConstructionPhase	NumDays	9,300.00	4,099.00
tblConstructionPhase	NumDays	9,300.00	760.00
tblConstructionPhase	NumDays	9,300.00	759.00
tblConstructionPhase	NumDays	930.00	261.00
tblConstructionPhase	NumDays	660.00	298.00
tblConstructionPhase	NumDays	660.00	48.00
tblConstructionPhase	NumDays	660.00	54.00
tblConstructionPhase	NumDays	660.00	50.00
tblConstructionPhase	PhaseEndDate	12/29/2034	12/31/2034
tblConstructionPhase	PhaseEndDate	8/24/2035	8/26/2035
tblConstructionPhase	PhaseEndDate	3/30/2018	1/15/2018
tblConstructionPhase	PhaseEndDate	1/16/2018	10/31/2017
tblConstructionPhase	PhaseEndDate	7/18/2033	9/16/2032

tblConstructionPhase	PhaseEndDate	12/14/2020	7/16/2021
tblConstructionPhase	PhaseEndDate	10/31/2024	4/12/2035
tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblConstructionPhase	PhaseEndDate	6/3/2036	11/8/2033
tblConstructionPhase	PhaseEndDate	3/7/2035	6/19/2035
tblConstructionPhase	PhaseEndDate	12/1/2032	1/15/2018
tblConstructionPhase	PhaseStartDate	1/16/2018	11/1/2017
tblConstructionPhase	PhaseStartDate	9/25/2021	9/27/2021
tblConstructionPhase	PhaseStartDate	1/1/2017	10/15/2016
tblConstructionPhase	PhaseStartDate	11/1/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	1/16/2018	8/20/2018
tblConstructionPhase	PhaseStartDate	12/4/2021	5/16/2032
tblConstructionPhase	PhaseStartDate	4/13/2035	9/17/2032
tblConstructionPhase	PhaseStartDate	1/1/2035	4/13/2035
tblConstructionPhase	PhaseStartDate	9/17/2032	11/1/2017
tblConstructionPhase	PhaseStartDate	7/17/2021	7/19/2021
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	4.17	3.13
tblEnergyUse	T24E	6.08	4.56
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24E	9.62	7.22
tblEnergyUse	T24E	4.39	3.29
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24NG	8,261.25	6,195.94
tblEnergyUse	T24NG	24.61	18.46
tblEnergyUse	T24NG	13.07	9.80
tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	58.20	43.65

tblEnergyUse	T24NG	34.77	26.08
tblEnergyUse	T24NG	4.72	3.54
tblGrading	AcresOfGrading	652.50	244.00
tblGrading	MaterialExported	0.00	750,000.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	HaulingTripLength	20.00	15.00
tblTripsAndVMT	HaulingTripNumber	93,750.00	107,143.00
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CC_TL	5.00	3.40
tblVehicleTrips	CNW_TL	6.50	4.42
tblVehicleTrips	CNW_TL	6.50	4.42
tblVehicleTrips	CNW_TL	6.50	4.42
tblVehicleTrips	CNW_TL	6.50	4.42
tblVehicleTrips	CNW_TL	6.50	4.42
tblVehicleTrips	CNW_TL	6.50	4.42
tblVehicleTrips	CNW_TL	6.50	4.42
tblVehicleTrips	CNW_TL	6.50	4.42
tblVehicleTrips	CW_TL	10.00	6.80
tblVehicleTrips	CW_TL	10.00	6.80
tblVehicleTrips	CW_TL	10.00	6.80
tblVehicleTrips	CW_TL	10.00	6.80
tblVehicleTrips	CW_TL	10.00	6.80

tblVehicleTrips	CW_TL	10.00	6.80
tblVehicleTrips	CW_TL	10.00	6.80
tblVehicleTrips	CW_TL	10.00	6.80
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	0.28	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	29.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	6.50	4.42
tblVehicleTrips	HS_TL	5.00	3.40
tblVehicleTrips	HW_TL	10.00	6.80
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	0.60	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	26.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	0.66	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	73.00	100.00

tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	4.18
tblVehicleTrips	ST_TR	10.71	0.51
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	82.52	8.89
tblVehicleTrips	ST_TR	10.18	24.69
tblVehicleTrips	ST_TR	8.19	8.17
tblVehicleTrips	ST_TR	42.04	59.00
tblVehicleTrips	SU_TR	6.07	4.18
tblVehicleTrips	SU_TR	10.71	0.51
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	68.65	8.89
tblVehicleTrips	SU_TR	8.91	24.69
tblVehicleTrips	SU_TR	5.95	8.17
tblVehicleTrips	SU_TR	20.43	59.00
tblVehicleTrips	WD_TR	6.59	4.18
tblVehicleTrips	WD_TR	10.71	0.51
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	51.29	8.89
tblVehicleTrips	WD_TR	16.50	24.69
tblVehicleTrips	WD_TR	44.32	59.00

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	81.2324	407.5484	927.0078	1.6312	90.3351	10.4211	100.7562	25.7755	9.6183	35.3938	0.0000	148,932.1412	148,932.1412	6.3593	0.0000	149,065.6861
2017	168.2791	454.3267	1,368.0363	2.6828	154.4791	9.8873	164.3664	41.5369	9.1588	50.6957	0.0000	232,682.7370	232,682.7370	7.8714	0.0000	232,848.0354
2018	159.5517	408.4243	1,218.1637	2.6782	154.4727	8.8552	163.3279	41.5345	8.2071	49.7416	0.0000	225,979.7972	225,979.7972	7.3659	0.0000	226,134.4803
2019	91.9017	371.6449	1,131.4325	2.6690	154.4802	8.0524	162.5325	41.5372	7.4633	49.0005	0.0000	219,378.1896	219,378.1896	6.9516	0.0000	219,524.1722
2020	82.4687	326.6423	1,036.0794	2.6667	154.4857	7.2108	161.6965	41.5395	6.6848	48.2243	0.0000	212,451.8139	212,451.8139	6.6356	0.0000	212,591.1613
2021	242.6236	280.2092	975.3882	2.6656	154.4938	6.4901	160.9839	41.5425	6.0162	47.5587	0.0000	210,500.6949	210,500.6949	6.3909	0.0000	210,634.9039
2022	36.7451	126.3157	467.4591	1.3328	77.2525	3.0654	80.3178	20.7733	2.8404	23.6137	0.0000	104,421.8813	104,421.8813	3.1006	0.0000	104,486.9936
2023	34.7236	115.1503	446.2311	1.3325	77.2575	2.8498	80.1072	20.7753	2.6399	23.4151	0.0000	103,660.7287	103,660.7287	2.9971	0.0000	103,723.6673
2024	33.5042	112.4567	431.6893	1.3329	77.2629	2.7753	80.0382	20.7774	2.5694	23.3467	0.0000	103,051.8201	103,051.8201	2.9258	0.0000	103,113.2626
2025	32.4288	109.9205	419.3336	1.3332	77.2667	2.6994	79.9661	20.7788	2.4979	23.2767	0.0000	102,516.5968	102,516.5968	2.8661	0.0000	102,576.7856
2026	31.6062	108.4205	409.1710	1.3336	77.2705	2.7046	79.9751	20.7802	2.5027	23.2829	0.0000	102,066.8424	102,066.8424	2.8189	0.0000	102,126.0382
2027	30.8948	107.1848	400.5732	1.3339	77.2745	2.7121	79.9866	20.7818	2.5096	23.2914	0.0000	101,681.1650	101,681.1650	2.7768	0.0000	101,739.4787
2028	30.1675	106.0658	392.4227	1.3342	77.2777	2.7167	79.9944	20.7830	2.5139	23.2969	0.0000	101,347.7911	101,347.7911	2.7390	0.0000	101,405.3097
2029	29.4900	105.0809	385.1371	1.3344	77.2807	2.7205	80.0012	20.7842	2.5174	23.3016	0.0000	101,065.0078	101,065.0078	2.7025	0.0000	101,121.7593
2030	28.8175	99.6948	379.5497	1.3387	77.2837	2.3463	79.6300	20.7854	2.1741	22.9595	0.0000	101,170.5153	101,170.5153	2.1874	0.0000	101,216.4501

	ROG	NOx	CO	SO2	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					
2031	28.2592	98.9290	374.4254	1.3390	77.2873	2.3497	79.6370	20.7868	2.1772	22.9640	0.0000	100,983.6440	100,983.6440	2.1572	0.0000	101,028.9451
2032	55.4561	196.5244	740.0810	2.6787	154.5818	4.7051	159.2869	41.5765	4.3596	45.9361	0.0000	201,662.9618	201,662.9618	4.2614	0.0000	201,752.4511
2033	520.6611	104.6958	403.1016	1.5025	89.8688	2.6797	92.3374	24.1251	2.5067	26.4140	0.0000	111,006.6902	111,006.6902	2.4515	0.0000	111,058.1717
2034	520.1180	100.3751	399.0723	1.5027	89.8720	2.4699	92.3419	24.1264	2.2901	26.4165	0.0000	110,880.8265	110,880.8265	2.4260	0.0000	110,931.7716
2035	150.3401	95.9501	359.9309	1.3402	77.3005	2.2986	79.5990	20.7921	2.1255	22.9176	0.0000	100,526.0820	100,526.0820	2.0606	0.0000	100,569.3554
Total	2,389.2694	3,835.5600	12,664.2858	35.3628	2,047.0835	90.0098	2,136.8822	551.8922	83.3729	635.0473	0.0000	2,795,967.9267	2,795,967.9267	80.0454	0.0000	2,797,648.8791

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	81.2324	386.8844	927.0078	1.6312	86.1508	10.4211	96.5719	23.8465	9.6183	33.4648	0.0000	148,932.1412	148,932.1412	6.3593	0.0000	149,065.6861
2017	168.2791	443.7645	1,368.0363	2.6828	154.4791	9.8873	164.3664	41.5369	9.1588	50.6957	0.0000	232,682.7370	232,682.7370	7.8714	0.0000	232,848.0354
2018	159.5517	399.1200	1,218.1637	2.6782	154.4727	8.8552	163.3279	41.5345	8.2071	49.7416	0.0000	225,979.7972	225,979.7972	7.3659	0.0000	226,134.4803
2019	91.9017	363.2589	1,131.4325	2.6690	154.4802	8.0524	162.5325	41.5372	7.4633	49.0005	0.0000	219,378.1896	219,378.1896	6.9516	0.0000	219,524.1722
2020	82.4687	319.0087	1,036.0794	2.6667	154.4857	7.2108	161.6965	41.5395	6.6848	48.2243	0.0000	212,451.8139	212,451.8139	6.6356	0.0000	212,591.1613
2021	242.6236	273.2731	975.3882	2.6656	154.4938	6.4901	160.9839	41.5425	6.0162	47.5587	0.0000	210,500.6949	210,500.6949	6.3909	0.0000	210,634.9039
2022	36.7451	123.2084	467.4591	1.3328	77.2525	3.0654	80.3178	20.7733	2.8404	23.6137	0.0000	104,421.8813	104,421.8813	3.1006	0.0000	104,486.9936

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	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Energy	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.15 49	73,503.15 49	1.4088	1.3476	73,950.48 28
Mobile	316.4413	401.5533	2,502.774 7	9.5421	628.5031	10.0419	638.5449	167.9218	9.2781	177.1998		664,925.4 682	664,925.4 682	17.4452		665,291.8 179
Total	764.7994	467.7414	3,042.954 2	9.9359	628.5031	17.4459	645.9490	167.9218	16.6821	184.6039	0.0000	739,322.2 439	739,322.2 439	19.7085	1.3476	740,153.8 645

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	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Energy	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.15 49	73,503.15 49	1.4088	1.3476	73,950.48 28
Mobile	316.4413	401.5533	2,502.774 7	9.5421	628.5031	10.0419	638.5449	167.9218	9.2781	177.1998		664,925.4 682	664,925.4 682	17.4452		665,291.8 179
Total	764.7994	467.7414	3,042.954 2	9.9359	628.5031	17.4459	645.9490	167.9218	16.6821	184.6039	0.0000	739,322.2 439	739,322.2 439	19.7085	1.3476	740,153.8 645

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction - MLS Stadium	Building Construction	10/15/2016	10/31/2017	5	272	
3	Building Construction - RSPU	Building Construction	1/1/2017	9/16/2032	5	4099	
4	Paving - MLS Stadium	Paving	11/1/2017	1/15/2018	5	54	
5	Architectural Coating - MLS Stadium	Architectural Coating	11/1/2017	1/15/2018	5	54	
6	Building Construction - KPMC Phase 1	Building Construction	8/20/2018	7/16/2021	5	760	
7	Paving - KPMC Phase 1	Paving	7/19/2021	9/24/2021	5	50	
8	Architectural Coating - KPMC Phase 1	Architectural Coating	9/27/2021	12/3/2021	5	50	
9	Building Construction - KPMC Phase 2	Building Construction	5/16/2032	4/12/2035	5	759	
10	Paving - RSPU	Paving	9/17/2032	11/8/2033	5	298	
11	Architectural Coating - RSPU	Architectural Coating	11/9/2033	12/31/2034	5	298	
12	Paving - KPMC Phase 2	Paving	4/13/2035	6/19/2035	5	48	
13	Architectural Coating - KPMC Phase 2	Architectural Coating	6/20/2035	8/26/2035	5	48	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 244

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 593,550; Non-Residential Outdoor: 197,850 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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 - MLS Stadium	Cranes	1	7.00	226	0.29
Building Construction - MLS Stadium	Forklifts	3	8.00	89	0.20
Building Construction - MLS Stadium	Generator Sets	1	8.00	84	0.74
Building Construction - MLS Stadium	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - MLS Stadium	Welders	1	8.00	46	0.45
Building Construction - RSPU	Cranes	1	7.00	226	0.29
Building Construction - RSPU	Forklifts	3	8.00	89	0.20
Building Construction - RSPU	Generator Sets	1	8.00	84	0.74
Building Construction - RSPU	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - RSPU	Welders	1	8.00	46	0.45
Paving - MLS Stadium	Pavers	2	8.00	125	0.42
Paving - MLS Stadium	Paving Equipment	2	8.00	130	0.36
Paving - MLS Stadium	Rollers	2	8.00	80	0.38
Architectural Coating - MLS Stadium	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 1	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 1	Welders	1	8.00	46	0.45

Paving - KPMC Phase 1	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 1	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 1	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 2	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 2	Welders	1	8.00	46	0.45
Paving - RSPU	Pavers	2	8.00	125	0.42
Paving - RSPU	Paving Equipment	2	8.00	130	0.36
Paving - RSPU	Rollers	2	8.00	80	0.38
Architectural Coating - RSPU	Air Compressors	1	6.00	78	0.48
Paving - KPMC Phase 2	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 2	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 2	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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction - MLS Stadium	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - PSPU	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - MLS Stadium	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 1	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 1	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 2	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - PSPU	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 2	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					7.6078	0.0000	7.6078	3.5073	0.0000	3.5073			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	7.6078	3.5842	11.1920	3.5073	3.2975	6.8048		6,414.9807	6,414.9807	1.9350		6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.2 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4235	0.0000	3.4235	1.5783	0.0000	1.5783			0.0000			0.0000
Off-Road	6.4795	59.8510	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	59.8510	49.1374	0.0617	3.4235	3.5842	7.0077	1.5783	3.2975	4.8758	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.3 Building Construction - MLS Stadium - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.5773	196.6152	344.9715	0.5121	14.3793	3.2226	17.6020	4.0937	2.9593	7.0530		51,110.1740	51,110.1740	0.4021		51,118.6188
Worker	33.1149	29.7876	398.7483	0.8041	62.8566	0.4619	63.3184	16.6733	0.4243	17.0976		66,056.9236	66,056.9236	3.1911		66,123.9376
Total	62.6922	226.4028	743.7198	1.3161	77.2359	3.6845	80.9204	20.7670	3.3836	24.1506		117,167.0976	117,167.0976	3.5933		117,242.5564

3.3 Building Construction - MLS Stadium - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	22.8051	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	22.8051	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.5773	196.6152	344.9715	0.5121	14.3793	3.2226	17.6020	4.0937	2.9593	7.0530		51,110.1740	51,110.1740	0.4021		51,118.6188
Worker	33.1149	29.7876	398.7483	0.8041	62.8566	0.4619	63.3184	16.6733	0.4243	17.0976		66,056.9236	66,056.9236	3.1911		66,123.9376
Total	62.6922	226.4028	743.7198	1.3161	77.2359	3.6845	80.9204	20.7670	3.3836	24.1506		117,167.0976	117,167.0976	3.5933		117,242.5564

3.3 Building Construction - MLS Stadium - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.3 Building Construction - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.4 Building Construction - RSPU - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.4 Building Construction - RSPU - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.4 Building Construction - RSPU - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.4 Building Construction - RSPU - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.4 Building Construction - RSPU - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.4 Building Construction - RSPU - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555,6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555,6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.4 Building Construction - RSPU - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7311	92.9098	205.2241	0.5068	14.3959	1.8226	16.2185	4.1001	1.6769	5.7769		47,408.4667	47,408.4667	0.3457		47,415.7266
Worker	20.3148	17.8695	245.9074	0.7992	62.8566	0.4370	63.2936	16.6733	0.4054	17.0787		54,469.6649	54,469.6649	2.1464		54,514.7383
Total	35.0459	110.7793	451.1315	1.3060	77.2525	2.2597	79.5121	20.7733	2.0823	22.8556		101,878.1316	101,878.1316	2.4921		101,930.4649

3.4 Building Construction - RSPU - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7311	92.9098	205.2241	0.5068	14.3959	1.8226	16.2185	4.1001	1.6769	5.7769		47,408.4667	47,408.4667	0.3457		47,415.7266
Worker	20.3148	17.8695	245.9074	0.7992	62.8566	0.4370	63.2936	16.6733	0.4054	17.0787		54,469.6649	54,469.6649	2.1464		54,514.7383
Total	35.0459	110.7793	451.1315	1.3060	77.2525	2.2597	79.5121	20.7733	2.0823	22.8556		101,878.1316	101,878.1316	2.4921		101,930.4649

3.4 Building Construction - RSPU - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.8622	83.9477	196.9369	0.5066	14.4009	1.7130	16.1139	4.1020	1.5760	5.6780		47,401.30 65	47,401.30 65	0.3281		47,408.19 58
Worker	19.2953	16.8900	233.0849	0.7991	62.8566	0.4401	63.2966	16.6733	0.4082	17.0815		53,714.79 60	53,714.79 60	2.0646		53,758.15 24
Total	33.1575	100.8377	430.0218	1.3057	77.2575	2.1531	79.4105	20.7753	1.9842	22.7595		101,116.1 025	101,116.1 025	2.3927		101,166.3 482

3.4 Building Construction - RSPU - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.8622	83.9477	196.9369	0.5066	14.4009	1.7130	16.1139	4.1020	1.5760	5.6780		47,401.30 65	47,401.30 65	0.3281		47,408.19 58
Worker	19.2953	16.8900	233.0849	0.7991	62.8566	0.4401	63.2966	16.6733	0.4082	17.0815		53,714.79 60	53,714.79 60	2.0646		53,758.15 24
Total	33.1575	100.8377	430.0218	1.3057	77.2575	2.1531	79.4105	20.7753	1.9842	22.7595		101,116.1 025	101,116.1 025	2.3927		101,166.3 482

3.4 Building Construction - RSPU - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.6450	83.0188	193.0585	0.5071	14.4063	1.7213	16.1276	4.1041	1.5836	5.6877		47,455.9261	47,455.9261	0.3295		47,462.8462
Worker	18.3939	16.0604	222.4977	0.7990	62.8566	0.4434	63.3000	16.6733	0.4114	17.0847		53,050.7786	53,050.7786	1.9954		53,092.6815
Total	32.0389	99.0793	415.5561	1.3061	77.2629	2.1647	79.4276	20.7774	1.9950	22.7724		100,506.7047	100,506.7047	2.3249		100,555.5277

3.4 Building Construction - RSPU - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.6450	83.0188	193.0585	0.5071	14.4063	1.7213	16.1276	4.1041	1.5836	5.6877		47,455.9261	47,455.9261	0.3295		47,462.8462
Worker	18.3939	16.0604	222.4977	0.7990	62.8566	0.4434	63.3000	16.6733	0.4114	17.0847		53,050.7786	53,050.7786	1.9954		53,092.6815
Total	32.0389	99.0793	415.5561	1.3061	77.2629	2.1647	79.4276	20.7774	1.9950	22.7724		100,506.7047	100,506.7047	2.3249		100,555.5277

3.4 Building Construction - RSPU - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.4175	82.1406	189.4787	0.5074	14.4101	1.7269	16.1370	4.1055	1.5888	5.6943		47,496.6016	47,496.6016	0.3307		47,503.5452
Worker	17.6498	15.3703	213.8031	0.7989	62.8566	0.4475	63.3041	16.6733	0.4152	17.0885		52,474.1047	52,474.1047	1.9380		52,514.8018
Total	31.0674	97.5109	403.2818	1.3064	77.2667	2.1744	79.4411	20.7788	2.0040	22.7828		99,970.7063	99,970.7063	2.2686		100,018.3470

3.4 Building Construction - RSPU - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.4175	82.1406	189.4787	0.5074	14.4101	1.7269	16.1370	4.1055	1.5888	5.6943		47,496.6016	47,496.6016	0.3307		47,503.5452
Worker	17.6498	15.3703	213.8031	0.7989	62.8566	0.4475	63.3041	16.6733	0.4152	17.0885		52,474.1047	52,474.1047	1.9380		52,514.8018
Total	31.0674	97.5109	403.2818	1.3064	77.2667	2.1744	79.4411	20.7788	2.0040	22.7828		99,970.7063	99,970.7063	2.2686		100,018.3470

3.4 Building Construction - RSPU - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.2546	81.2164	186.5449	0.5078	14.4139	1.7273	16.1412	4.1070	1.5891	5.6961		47,538.8185	47,538.8185	0.3312		47,545.7727
Worker	16.9902	14.7944	206.5743	0.7989	62.8566	0.4523	63.3089	16.6733	0.4197	17.0929		51,982.1334	51,982.1334	1.8902		52,021.8270
Total	30.2448	96.0108	393.1192	1.3067	77.2705	2.1796	79.4501	20.7802	2.0088	22.7890		99,520.9519	99,520.9519	2.2213		99,567.5996

3.4 Building Construction - RSPU - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.2546	81.2164	186.5449	0.5078	14.4139	1.7273	16.1412	4.1070	1.5891	5.6961		47,538.8185	47,538.8185	0.3312		47,545.7727
Worker	16.9902	14.7944	206.5743	0.7989	62.8566	0.4523	63.3089	16.6733	0.4197	17.0929		51,982.1334	51,982.1334	1.8902		52,021.8270
Total	30.2448	96.0108	393.1192	1.3067	77.2705	2.1796	79.4501	20.7802	2.0088	22.7890		99,520.9519	99,520.9519	2.2213		99,567.5996

3.4 Building Construction - RSPU - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1652	80.4915	184.3327	0.5082	14.4179	1.7307	16.1486	4.1085	1.5923	5.7008		47,578.0028	47,578.0028	0.3320		47,584.9751
Worker	16.3681	14.2836	200.1887	0.7989	62.8566	0.4564	63.3130	16.6733	0.4234	17.0967		51,557.2717	51,557.2717	1.8473		51,596.0650
Total	29.5333	94.7751	384.5215	1.3071	77.2745	2.1871	79.4616	20.7818	2.0157	22.7975		99,135.2745	99,135.2745	2.1793		99,181.0401

3.4 Building Construction - RSPU - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1652	80.4915	184.3327	0.5082	14.4179	1.7307	16.1486	4.1085	1.5923	5.7008		47,578.0028	47,578.0028	0.3320		47,584.9751
Worker	16.3681	14.2836	200.1887	0.7989	62.8566	0.4564	63.3130	16.6733	0.4234	17.0967		51,557.2717	51,557.2717	1.8473		51,596.0650
Total	29.5333	94.7751	384.5215	1.3071	77.2745	2.1871	79.4616	20.7818	2.0157	22.7975		99,135.2745	99,135.2745	2.1793		99,181.0401

3.4 Building Construction - RSPU - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.0172	79.8299	181.7611	0.5084	14.4211	1.7317	16.1527	4.1097	1.5932	5.7029		47,607.6371	47,607.6371	0.3325		47,614.6190
Worker	15.7889	13.8263	194.6099	0.7989	62.8566	0.4601	63.3167	16.6733	0.4269	17.1001		51,194.2634	51,194.2634	1.8090		51,232.2522
Total	28.8061	93.6561	376.3709	1.3073	77.2777	2.1917	79.4694	20.7830	2.0200	22.8030		98,801.9006	98,801.9006	2.1415		98,846.8712

3.4 Building Construction - RSPU - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.0172	79.8299	181.7611	0.5084	14.4211	1.7317	16.1527	4.1097	1.5932	5.7029		47,607.6371	47,607.6371	0.3325		47,614.6190
Worker	15.7889	13.8263	194.6099	0.7989	62.8566	0.4601	63.3167	16.6733	0.4269	17.1001		51,194.2634	51,194.2634	1.8090		51,232.2522
Total	28.8061	93.6561	376.3709	1.3073	77.2777	2.1917	79.4694	20.7830	2.0200	22.8030		98,801.9006	98,801.9006	2.1415		98,846.8712

3.4 Building Construction - RSPU - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9233	79.2821	179.8468	0.5087	14.4242	1.7325	16.1567	4.1109	1.5940	5.7049		47,634.7616	47,634.7616	0.3329		47,641.7519
Worker	15.2052	13.3891	189.2385	0.7989	62.8566	0.4629	63.3195	16.6733	0.4295	17.1028		50,884.3556	50,884.3556	1.7721		50,921.5689
Total	28.1286	92.6712	369.0853	1.3076	77.2807	2.1955	79.4762	20.7842	2.0235	22.8077		98,519.1172	98,519.1172	2.1049		98,563.3208

3.4 Building Construction - RSPU - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9233	79.2821	179.8468	0.5087	14.4242	1.7325	16.1567	4.1109	1.5940	5.7049		47,634.7616	47,634.7616	0.3329		47,641.7519
Worker	15.2052	13.3891	189.2385	0.7989	62.8566	0.4629	63.3195	16.6733	0.4295	17.1028		50,884.3556	50,884.3556	1.7721		50,921.5689
Total	28.1286	92.6712	369.0853	1.3076	77.2807	2.1955	79.4762	20.7842	2.0235	22.8077		98,519.1172	98,519.1172	2.1049		98,563.3208

3.4 Building Construction - RSPU - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8679	78.7846	178.8491	0.5089	14.4272	1.7336	16.1608	4.1121	1.5950	5.7071		47,662.9011	47,662.9011	0.3333		47,669.9001
Worker	14.6454	12.9923	184.5692	0.7989	62.8566	0.4651	63.3216	16.6733	0.4315	17.1048		50,622.7842	50,622.7842	1.7383		50,659.2883
Total	27.5134	91.7769	363.4183	1.3079	77.2837	2.1987	79.4824	20.7854	2.0265	22.8119		98,285.6853	98,285.6853	2.0716		98,329.1884

3.4 Building Construction - RSPU - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8679	78.7846	178.8491	0.5089	14.4272	1.7336	16.1608	4.1121	1.5950	5.7071		47,662.9011	47,662.9011	0.3333		47,669.9001
Worker	14.6454	12.9923	184.5692	0.7989	62.8566	0.4651	63.3216	16.6733	0.4315	17.1048		50,622.7842	50,622.7842	1.7383		50,659.2883
Total	27.5134	91.7769	363.4183	1.3079	77.2837	2.1987	79.4824	20.7854	2.0265	22.8119		98,285.6853	98,285.6853	2.0716		98,329.1884

3.4 Building Construction - RSPU - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8365	78.3882	177.9514	0.5092	14.4307	1.7357	16.1664	4.1135	1.5969	5.7104		47,694.9251	47,694.9251	0.3338		47,701.9342
Worker	14.1186	12.6229	180.3426	0.7990	62.8566	0.4664	63.3230	16.6733	0.4327	17.1060		50,403.8889	50,403.8889	1.7076		50,439.7492
Total	26.9551	91.0111	358.2940	1.3082	77.2873	2.2021	79.4894	20.7868	2.0296	22.8164		98,098.8140	98,098.8140	2.0414		98,141.6834

3.4 Building Construction - RSPU - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8365	78.3882	177.9514	0.5092	14.4307	1.7357	16.1664	4.1135	1.5969	5.7104		47,694.9251	47,694.9251	0.3338		47,701.9342
Worker	14.1186	12.6229	180.3426	0.7990	62.8566	0.4664	63.3230	16.6733	0.4327	17.1060		50,403.8889	50,403.8889	1.7076		50,439.7492
Total	26.9551	91.0111	358.2940	1.3082	77.2873	2.2021	79.4894	20.7868	2.0296	22.8164		98,098.8140	98,098.8140	2.0414		98,141.6834

3.4 Building Construction - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.4 Building Construction - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.5 Paving - MLS Stadium - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917
Total	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917

3.5 Paving - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917
Total	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917

3.5 Paving - MLS Stadium - 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	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817
Total	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817

3.5 Paving - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817
Total	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	102.2251	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22
Total	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22

3.6 Architectural Coating - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	1.7480	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	102.2251	1.7480	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22
Total	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	102.1914	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818
Total	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818

3.6 Architectural Coating - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	1.6046	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	102.1914	1.6046	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818
Total	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818

3.7 Building Construction - KPMC Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.7 Building Construction - KPMC Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.7 Building Construction - KPMC Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.7 Building Construction - KPMC Phase 1 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.7 Building Construction - KPMC Phase 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.7 Building Construction - KPMC Phase 1 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.7 Building Construction - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.7 Building Construction - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.8 Paving - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113
Total	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113

3.8 Paving - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113
Total	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113

3.9 Architectural Coating - KPMC Phase 1 - 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	199.6768					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	199.8957	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234
Total	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234

3.9 Architectural Coating - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	199.6768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537
Total	199.8957	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234
Total	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234

3.10 Building Construction - KPMC Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.10 Building Construction - KPMC Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.10 Building Construction - KPMC Phase 2 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7744	77.7127	176.5814	0.5098	14.4378	1.7390	16.1768	4.1164	1.5999	5.7162		47,752.7695	47,752.7695	0.3346		47,759.7951
Worker	13.2208	12.0415	173.8190	0.7990	62.8566	0.4681	63.3246	16.6733	0.4343	17.1076		50,071.0157	50,071.0157	1.6581		50,105.8351
Total	25.9952	89.7542	350.4004	1.3088	77.2944	2.2071	79.5015	20.7896	2.0342	22.8238		97,823.7852	97,823.7852	1.9926		97,865.6301

3.10 Building Construction - KPMC Phase 2 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7744	77.7127	176.5814	0.5098	14.4378	1.7390	16.1768	4.1164	1.5999	5.7162		47,752.7695	47,752.7695	0.3346		47,759.7951
Worker	13.2208	12.0415	173.8190	0.7990	62.8566	0.4681	63.3246	16.6733	0.4343	17.1076		50,071.0157	50,071.0157	1.6581		50,105.8351
Total	25.9952	89.7542	350.4004	1.3088	77.2944	2.2071	79.5015	20.7896	2.0342	22.8238		97,823.7852	97,823.7852	1.9926		97,865.6301

3.10 Building Construction - KPMC Phase 2 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7554	77.4222	175.9700	0.5101	14.4411	1.7401	16.1811	4.1176	1.6009	5.7185		47,779.9528	47,779.9528	0.3349		47,786.9850
Worker	12.7841	11.8151	170.9708	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,943.4816	49,943.4816	1.6365		49,977.8486
Total	25.5395	89.2373	346.9408	1.3091	77.2976	2.2083	79.5059	20.7909	2.0353	22.8262		97,723.4344	97,723.4344	1.9714		97,764.8336

3.10 Building Construction - KPMC Phase 2 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7554	77.4222	175.9700	0.5101	14.4411	1.7401	16.1811	4.1176	1.6009	5.7185		47,779.9528	47,779.9528	0.3349		47,786.9850
Worker	12.7841	11.8151	170.9708	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,943.4816	49,943.4816	1.6365		49,977.8486
Total	25.5395	89.2373	346.9408	1.3091	77.2976	2.2083	79.5059	20.7909	2.0353	22.8262		97,723.4344	97,723.4344	1.9714		97,764.8336

3.10 Building Construction - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7226	77.1612	175.3174	0.5103	14.4439	1.7403	16.1842	4.1188	1.6011	5.7198		47,803.5465	47,803.5465	0.3351		47,810.5839
Worker	12.4048	11.6380	168.5213	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,837.7056	49,837.7056	1.6180		49,871.6837
Total	25.1274	88.7991	343.8387	1.3093	77.3005	2.2085	79.5090	20.7921	2.0355	22.8275		97,641.2520	97,641.2520	1.9531		97,682.2676

3.10 Building Construction - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	5.7208	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	5.7208	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7226	77.1612	175.3174	0.5103	14.4439	1.7403	16.1842	4.1188	1.6011	5.7198		47,803.5465	47,803.5465	0.3351		47,810.5839
Worker	12.4048	11.6380	168.5213	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,837.7056	49,837.7056	1.6180		49,871.6837
Total	25.1274	88.7991	343.8387	1.3093	77.3005	2.2085	79.5090	20.7921	2.0355	22.8275		97,641.2520	97,641.2520	1.9531		97,682.2676

3.11 Paving - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655
Total	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655

3.11 Paving - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655
Total	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655

3.11 Paving - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164
Total	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164

3.11 Paving - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164
Total	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164

3.12 Architectural Coating - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926
Total	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926

3.12 Architectural Coating - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926
Total	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926

3.12 Architectural Coating - RSPU - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891
Total	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891

3.12 Architectural Coating - RSPU - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891
Total	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891

3.13 Paving - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.13 Paving - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.14 Architectural Coating - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	147.7406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665
Total	147.8585	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510
Total	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510

3.14 Architectural Coating - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	147.7406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	147.8585	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510
Total	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510

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	316.4413	401.5533	2,502.7747	9.5421	628.5031	10.0419	638.5449	167.9218	9.2781	177.1998		664,925.4682	664,925.4682	17.4452		665,291.8179
Unmitigated	316.4413	401.5533	2,502.7747	9.5421	628.5031	10.0419	638.5449	167.9218	9.2781	177.1998		664,925.4682	664,925.4682	17.4452		665,291.8179

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	25,080.00	25,080.00	25080.00	49,289,945	49,289,945
Arena	201.81	201.81	201.81	263,992	263,992
City Park	0.00	0.00	0.00		
General Office Building	50,109.29	50,109.29	50109.29	86,015,162	86,015,162
Hardware/Paint Store	1,600.20	1,600.20	1600.20	2,362,626	2,362,626
Hospital	30,319.32	30,319.32	30319.32	64,014,563	64,014,563
Hotel	8,987.00	8,987.00	8987.00	13,914,011	13,914,011
Strip Mall	53,395.00	53,395.00	53395.00	80,817,860	80,817,860
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	169,692.62	169,692.62	169,692.62	296,678,160	296,678,160

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 Mid Rise	6.80	3.40	4.42	46.50	12.50	41.00	100	0	0
Arena	6.80	3.40	4.42	0.00	81.00	19.00	100	0	0
City Park	6.80	3.40	4.42	33.00	48.00	19.00	100	0	0
General Office Building	6.80	3.40	4.42	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	6.80	3.40	4.42	13.60	67.40	19.00	100	0	0
Hospital	6.80	3.40	4.42	64.90	16.10	19.00	100	0	0
Hotel	6.80	3.40	4.42	19.40	61.60	19.00	100	0	0
Strip Mall	6.80	3.40	4.42	16.60	64.40	19.00	100	0	0
Unenclosed Parking Structure	6.80	3.40	4.42	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828
NaturalGas Unmitigated	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

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					
Arena	33477.3	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
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	130440	1.4067	12.7883	10.7421	0.0767		0.9719	0.9719		0.9719	0.9719		15,345.8953	15,345.8953	0.2941	0.2813	15,439.2878
Hardware/Paint Store	2204.38	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hospital	179187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Hotel	138322	1.4917	13.5610	11.3912	0.0814		1.0306	1.0306		1.0306	1.0306		16,273.1642	16,273.1642	0.3119	0.2983	16,372.2000
Strip Mall	11083.2	0.1195	1.0866	0.9127	6.5200e-003		0.0826	0.0826		0.0826	0.0826		1,303.9001	1,303.9001	0.0250	0.0239	1,311.8354
Unenclosed Parking Structure	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
Apartments Mid Rise	130063	1.4026	11.9862	5.1005	0.0765		0.9691	0.9691		0.9691	0.9691		15,301.5181	15,301.5181	0.2933	0.2805	15,394.6406
Total		6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

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	130.44	1.4067	12.7883	10.7421	0.0767		0.9719	0.9719		0.9719	0.9719		15,345.8953	15,345.8953	0.2941	0.2813	15,439.2878
Hardware/Paint Store	2.20438	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hospital	179.187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Hotel	138.322	1.4917	13.5610	11.3912	0.0814		1.0306	1.0306		1.0306	1.0306		16,273.1642	16,273.1642	0.3119	0.2983	16,372.2000
Strip Mall	11.0832	0.1195	1.0866	0.9127	6.5200e-003		0.0826	0.0826		0.0826	0.0826		1,303.9001	1,303.9001	0.0250	0.0239	1,311.8354
Unenclosed Parking Structure	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
Apartments Mid Rise	130.063	1.4026	11.9862	5.1005	0.0765		0.9691	0.9691		0.9691	0.9691		15,301.5181	15,301.5181	0.2933	0.2805	15,394.6406
Arena	33.4773	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
Total		6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Unmitigated	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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	62.5523					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	364.2216					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	14.8464	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489		893.6209	893.6209	0.8544		911.5638
Total	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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	62.5523					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	364.2216					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	14.8464	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489		893.6209	893.6209	0.8544		911.5638
Total	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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

Railyards Land Use Variet - Construction and Operations Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	5,709.00	1000sqft	131.06	5,709,000.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Apartments Mid Rise	7,000.00	Dwelling Unit	184.21	7,000,000.00	18690
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	1,272.00	1000sqft	29.20	1,272,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Trips and VMT - Assumed 750,000 cy are soil would be imported to the project site during grading.

Grading -

Vehicle Trips - Adjusted the trip rates and trip length to match the VMT that was provided by F&P

Energy Use - Adjusted the energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
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	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00

tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	550.00	298.00
tblConstructionPhase	NumDays	7,750.00	4,099.00
tblConstructionPhase	NumDays	775.00	261.00
tblConstructionPhase	NumDays	550.00	298.00
tblConstructionPhase	PhaseEndDate	12/29/2034	12/31/2034
tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	6.08	4.56
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24E	4.39	3.29
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24NG	8,261.25	6,195.90
tblEnergyUse	T24NG	13.07	9.80
tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	34.77	26.10
tblEnergyUse	T24NG	4.72	3.54
tblGrading	MaterialImported	0.00	750,000.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	HaulingTripLength	20.00	15.00
tblTripsAndVMT	HaulingTripNumber	93,750.00	107,143.00

tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	29.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	6.50	4.88
tblVehicleTrips	HS_TL	5.00	3.75
tblVehicleTrips	HW_TL	10.00	7.50
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	26.00	0.00

tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	4.18
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	82.52	8.89
tblVehicleTrips	ST_TR	8.19	8.17
tblVehicleTrips	ST_TR	42.04	59.02
tblVehicleTrips	SU_TR	6.07	4.18
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	68.65	8.89
tblVehicleTrips	SU_TR	5.95	8.17
tblVehicleTrips	SU_TR	20.43	59.02
tblVehicleTrips	WD_TR	6.59	4.18
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	51.29	8.89
tblVehicleTrips	WD_TR	44.32	59.02

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	2.0774	20.5691	23.2911	0.0376	1.9043	0.6227	2.5269	0.6716	0.5727	1.2443	0.0000	3,439.1530	3,439.1530	0.2492	0.0000	3,444.3869
2017	7.2904	30.7636	90.9042	0.1660	9.9426	0.6396	10.5822	2.6799	0.5925	3.2724	0.0000	13,093.1418	13,093.1418	0.4758	0.0000	13,103.1336
2018	6.2800	27.7477	82.3188	0.1664	9.9805	0.5751	10.5555	2.6900	0.5330	3.2231	0.0000	12,767.1613	12,767.1613	0.4468	0.0000	12,776.5438
2019	5.7115	25.2365	76.9650	0.1658	9.9809	0.5230	10.5039	2.6902	0.4848	3.1750	0.0000	12,397.5858	12,397.5858	0.4215	0.0000	12,406.4378
2020	5.1069	22.2628	71.5720	0.1663	10.0195	0.4703	10.4899	2.7006	0.4361	3.1367	0.0000	12,054.2386	12,054.2386	0.4038	0.0000	12,062.7193
2021	4.7272	19.0353	67.4870	0.1656	9.9818	0.4219	10.4037	2.6905	0.3911	3.0816	0.0000	11,899.7431	11,899.7431	0.3874	0.0000	11,907.8780
2022	4.4991	17.1009	64.4222	0.1650	9.9443	0.3969	10.3412	2.6805	0.3678	3.0483	0.0000	11,762.4916	11,762.4916	0.3743	0.0000	11,770.3522
2023	4.2424	15.5839	61.3414	0.1649	9.9449	0.3689	10.3138	2.6807	0.3417	3.0224	0.0000	11,678.0242	11,678.0242	0.3618	0.0000	11,685.6221
2024	4.1268	15.3265	59.8184	0.1662	10.0221	0.3619	10.3840	2.7016	0.3351	3.0367	0.0000	11,700.0184	11,700.0184	0.3558	0.0000	11,707.4909
2025	3.9774	14.9166	57.8567	0.1656	9.9843	0.3506	10.3350	2.6915	0.3245	3.0160	0.0000	11,595.9010	11,595.9010	0.3472	0.0000	11,603.1915
2026	3.8777	14.7031	56.4428	0.1657	9.9848	0.3513	10.3361	2.6917	0.3251	3.0168	0.0000	11,545.9664	11,545.9664	0.3414	0.0000	11,553.1352
2027	3.7935	14.5269	55.2651	0.1657	9.9853	0.3523	10.3376	2.6919	0.3260	3.0179	0.0000	11,503.0716	11,503.0716	0.3362	0.0000	11,510.1323
2028	3.6912	14.3123	53.8910	0.1651	9.9475	0.3516	10.2991	2.6817	0.3254	3.0071	0.0000	11,421.9689	11,421.9689	0.3303	0.0000	11,428.9054
2029	3.6276	14.2264	53.1148	0.1658	9.9861	0.3534	10.3396	2.6922	0.3271	3.0192	0.0000	11,434.2748	11,434.2748	0.3271	0.0000	11,441.1440
2030	3.5534	13.5124	52.4229	0.1663	9.9865	0.3046	10.2911	2.6923	0.2823	2.9746	0.0000	11,448.2623	11,448.2623	0.2660	0.0000	11,453.8480

	ROG	NOx	CO	SO2	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					
2031	3.4937	13.4021	51.7913	0.1664	9.9870	0.3050	10.2920	2.6925	0.2827	2.9752	0.0000	11,427.3889	11,427.3889	0.2623	0.0000	11,432.8969
2032	2.5015	9.7489	37.1242	0.1197	7.1217	0.2300	7.3516	1.9200	0.2140	2.1341	0.0000	8,224.0188	8,224.0188	0.1889	0.0000	8,227.9858
2033	14.7075	0.8457	2.3577	6.0800e-003	0.2509	0.0382	0.2891	0.0667	0.0381	0.1048	0.0000	436.1608	436.1608	0.0187	0.0000	436.5532
2034	99.5762	0.4603	4.0764	0.0198	1.6327	0.0152	1.6479	0.4342	0.0143	0.4486	0.0000	1,133.5251	1,133.5251	0.0413	0.0000	1,134.3921
Total	186.8611	304.2808	1,022.4631	2.6698	160.5876	7.0326	167.6201	43.4404	6.5142	49.9546	0.0000	190,962.0962	190,962.0962	5.9358	0.0000	191,086.7487

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	2.0774	18.6165	23.2911	0.0376	1.2391	0.6227	1.8618	0.4070	0.5727	0.9797	0.0000	3,439.1521	3,439.1521	0.2492	0.0000	3,444.3860
2017	7.2904	30.0771	90.9042	0.1660	9.9426	0.6396	10.5822	2.6799	0.5925	3.2724	0.0000	13,093.1414	13,093.1414	0.4758	0.0000	13,103.1332
2018	6.2800	27.1406	82.3188	0.1664	9.9805	0.5751	10.5555	2.6900	0.5330	3.2231	0.0000	12,767.1609	12,767.1609	0.4468	0.0000	12,776.5434
2019	5.7115	24.6893	76.9649	0.1658	9.9809	0.5230	10.5039	2.6902	0.4848	3.1750	0.0000	12,397.5854	12,397.5854	0.4215	0.0000	12,406.4374
2020	5.1069	21.7628	71.5720	0.1663	10.0195	0.4703	10.4899	2.7006	0.4361	3.1367	0.0000	12,054.2382	12,054.2382	0.4038	0.0000	12,062.7189
2021	4.7272	18.5827	67.4870	0.1656	9.9818	0.4219	10.4037	2.6905	0.3911	3.0816	0.0000	11,899.7427	11,899.7427	0.3874	0.0000	11,907.8776
2022	4.4991	16.6969	64.4222	0.1650	9.9443	0.3969	10.3412	2.6805	0.3678	3.0483	0.0000	11,762.4913	11,762.4913	0.3743	0.0000	11,770.3519
2023	4.2424	15.2117	61.3414	0.1649	9.9449	0.3689	10.3138	2.6807	0.3417	3.0224	0.0000	11,678.0239	11,678.0239	0.3618	0.0000	11,685.6217

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	80.1856	0.8309	72.0401	3.8200e-003		0.4007	0.4007		0.4007	0.4007	0.0000	118.1246	118.1246	0.1128	0.0000	120.4930
Energy	0.9287	8.2795	5.8970	0.0507		0.6416	0.6416		0.6416	0.6416	0.0000	46,917.5161	46,917.5161	2.0296	0.5520	47,131.2431
Mobile	53.3165	84.5779	481.8298	1.7565	121.3836	1.9923	123.3759	32.5239	1.8407	34.3646	0.0000	111,770.1945	111,770.1945	3.1476	0.0000	111,836.2950
Waste						0.0000	0.0000		0.0000	0.0000	2,530.4549	0.0000	2,530.4549	149.5456	0.0000	5,670.9125
Water						0.0000	0.0000		0.0000	0.0000	568.2821	3,093.3831	3,661.6652	2.1079	1.2673	4,098.7853
Total	134.4307	93.6883	559.7669	1.8109	121.3836	3.0346	124.4182	32.5239	2.8830	35.4069	3,098.7369	161,899.2182	164,997.9552	156.9435	1.8192	168,857.7290

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	80.1856	0.8309	72.0401	3.8200e-003		0.4007	0.4007		0.4007	0.4007	0.0000	118.1246	118.1246	0.1128	0.0000	120.4930
Energy	0.9287	8.2795	5.8970	0.0507		0.6416	0.6416		0.6416	0.6416	0.0000	46,917.5161	46,917.5161	2.0296	0.5520	47,131.2431
Mobile	53.3165	84.5779	481.8298	1.7565	121.3836	1.9923	123.3759	32.5239	1.8407	34.3646	0.0000	111,770.1945	111,770.1945	3.1476	0.0000	111,836.2950
Waste						0.0000	0.0000		0.0000	0.0000	2,530.4549	0.0000	2,530.4549	149.5456	0.0000	5,670.9125
Water						0.0000	0.0000		0.0000	0.0000	568.2821	3,093.3831	3,661.6652	2.1154	1.2688	4,099.4199
Total	134.4307	93.6883	559.7669	1.8109	121.3836	3.0346	124.4182	32.5239	2.8830	35.4069	3,098.7369	161,899.2182	164,997.9552	156.9510	1.8208	168,858.3636

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction	Building Construction	1/1/2017	9/16/2032	5	4099	
3	Paving	Paving	9/17/2032	11/8/2033	5	298	
4	Architectural Coating	Architectural Coating	11/9/2033	12/31/2034	5	298	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 652.5

Acres of Paving: 0

**Residential Indoor: 14,175,000; Residential Outdoor: 4,725,000; Non-Residential Indoor: 15,097,500; Non-Residential Outdoor: 5,032,500
(Architectural Coating – sqft)**

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8,551.00	2,398.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,710.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					1.2094	0.0000	1.2094	0.4811	0.0000	0.4811	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	9.7632	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649
Total	0.8456	9.7632	6.4124	8.0500e-003	1.2094	0.4677	1.6772	0.4811	0.4303	0.9114	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2231	10.7955	16.7692	0.0293	0.6757	0.1548	0.8305	0.1855	0.1422	0.3277	0.0000	2,662.5913	2,662.5913	0.0192	0.0000	2,662.9954
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7500e-003	0.0104	0.1095	2.3000e-004	0.0192	1.5000e-004	0.0193	5.1000e-003	1.3000e-004	5.2300e-003	0.0000	17.1074	17.1074	9.1000e-004	0.0000	17.1266
Total	1.2318	10.8059	16.8786	0.0295	0.6948	0.1549	0.8498	0.1906	0.1424	0.3329	0.0000	2,679.6987	2,679.6987	0.0202	0.0000	2,680.1220

3.2 Grading - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5442	0.0000	0.5442	0.2165	0.0000	0.2165	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	7.8105	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640
Total	0.8456	7.8105	6.4124	8.0500e-003	0.5442	0.4677	1.0120	0.2165	0.4303	0.6468	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2231	10.7955	16.7692	0.0293	0.6757	0.1548	0.8305	0.1855	0.1422	0.3277	0.0000	2,662.5913	2,662.5913	0.0192	0.0000	2,662.9954
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7500e-003	0.0104	0.1095	2.3000e-004	0.0192	1.5000e-004	0.0193	5.1000e-003	1.3000e-004	5.2300e-003	0.0000	17.1074	17.1074	9.1000e-004	0.0000	17.1266
Total	1.2318	10.8059	16.8786	0.0295	0.6948	0.1549	0.8498	0.1906	0.1424	0.3329	0.0000	2,679.6987	2,679.6987	0.0202	0.0000	2,680.1220

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5811	23.3599	46.9693	0.0649	1.7784	0.3480	2.1264	0.5084	0.3197	0.8281	0.0000	5,783.8231	5,783.8231	0.0439	0.0000	5,784.7446
Worker	3.3060	3.9710	41.5781	0.0976	8.1642	0.0600	8.2243	2.1714	0.0554	2.2268	0.0000	6,997.9959	6,997.9959	0.3553	0.0000	7,005.4571
Total	6.8871	27.3309	88.5475	0.1625	9.9426	0.4081	10.3507	2.6799	0.3750	3.0549	0.0000	12,781.8190	12,781.8190	0.3992	0.0000	12,790.2017

3.3 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7462	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	2.7462	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5811	23.3599	46.9693	0.0649	1.7784	0.3480	2.1264	0.5084	0.3197	0.8281	0.0000	5,783.8231	5,783.8231	0.0439	0.0000	5,784.7446
Worker	3.3060	3.9710	41.5781	0.0976	8.1642	0.0600	8.2243	2.1714	0.0554	2.2268	0.0000	6,997.9959	6,997.9959	0.3553	0.0000	7,005.4571
Total	6.8871	27.3309	88.5475	0.1625	9.9426	0.4081	10.3507	2.6799	0.3750	3.0549	0.0000	12,781.8190	12,781.8190	0.3992	0.0000	12,790.2017

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9701	21.1255	42.5282	0.0649	1.7848	0.3210	2.1058	0.5102	0.2951	0.8053	0.0000	5,698.8217	5,698.8217	0.0430	0.0000	5,699.7241
Worker	2.9616	3.5867	37.5026	0.0979	8.1956	0.0591	8.2547	2.1798	0.0547	2.2344	0.0000	6,759.3552	6,759.3552	0.3282	0.0000	6,766.2473
Total	5.9317	24.7122	80.0308	0.1629	9.9805	0.3801	10.3605	2.6900	0.3497	3.0397	0.0000	12,458.1768	12,458.1768	0.3712	0.0000	12,465.9715

3.3 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.4284	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	2.4284	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9701	21.1255	42.5282	0.0649	1.7848	0.3210	2.1058	0.5102	0.2951	0.8053	0.0000	5,698.8217	5,698.8217	0.0430	0.0000	5,699.7241
Worker	2.9616	3.5867	37.5026	0.0979	8.1956	0.0591	8.2547	2.1798	0.0547	2.2344	0.0000	6,759.3552	6,759.3552	0.3282	0.0000	6,766.2473
Total	5.9317	24.7122	80.0308	0.1629	9.9805	0.3801	10.3605	2.6900	0.3497	3.0397	0.0000	12,458.1768	12,458.1768	0.3712	0.0000	12,465.9715

3.3 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.6879	19.2213	40.1958	0.0649	1.7853	0.2970	2.0823	0.5104	0.2730	0.7834	0.0000	5,606.4834	5,606.4834	0.0419	0.0000	5,607.3627
Worker	2.7167	3.2793	34.5350	0.0974	8.1956	0.0583	8.2540	2.1798	0.0541	2.2339	0.0000	6,485.5722	6,485.5722	0.3053	0.0000	6,491.9838
Total	5.4046	22.5005	74.7307	0.1623	9.9809	0.3553	10.3362	2.6902	0.3271	3.0173	0.0000	12,092.0556	12,092.0556	0.3472	0.0000	12,099.3465

3.3 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.1888	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.6879	19.2213	40.1958	0.0649	1.7853	0.2970	2.0823	0.5104	0.2730	0.7834	0.0000	5,606.4834	5,606.4834	0.0419	0.0000	5,607.3627
Worker	2.7167	3.2793	34.5350	0.0974	8.1956	0.0583	8.2540	2.1798	0.0541	2.2339	0.0000	6,485.5722	6,485.5722	0.3053	0.0000	6,491.9838
Total	5.4046	22.5005	74.7307	0.1623	9.9809	0.3553	10.3362	2.6902	0.3271	3.0173	0.0000	12,092.0556	12,092.0556	0.3472	0.0000	12,099.3465

3.3 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2829	16.7147	37.1516	0.0650	1.7925	0.2660	2.0584	0.5125	0.2446	0.7571	0.0000	5,499.4004	5,499.4004	0.0406	0.0000	5,500.2519
Worker	2.5475	3.0482	32.2185	0.0978	8.2270	0.0586	8.2856	2.1881	0.0543	2.2425	0.0000	6,252.6869	6,252.6869	0.2897	0.0000	6,258.7701
Total	4.8303	19.7628	69.3701	0.1628	10.0195	0.3246	10.3441	2.7006	0.2990	2.9996	0.0000	11,752.0872	11,752.0872	0.3302	0.0000	11,759.0220

3.3 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	0.2766	2.0000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2829	16.7147	37.1516	0.0650	1.7925	0.2660	2.0584	0.5125	0.2446	0.7571	0.0000	5,499.4004	5,499.4004	0.0406	0.0000	5,500.2519
Worker	2.5475	3.0482	32.2185	0.0978	8.2270	0.0586	8.2856	2.1881	0.0543	2.2425	0.0000	6,252.6869	6,252.6869	0.2897	0.0000	6,258.7701
Total	4.8303	19.7628	69.3701	0.1628	10.0195	0.3246	10.3441	2.7006	0.2990	2.9996	0.0000	11,752.0872	11,752.0872	0.3302	0.0000	11,759.0220

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0851	13.9364	35.2382	0.0647	1.7862	0.2386	2.0248	0.5108	0.2195	0.7303	0.0000	5,475.3452	5,475.3452	0.0401	0.0000	5,476.1877
Worker	2.3951	2.8360	30.0906	0.0974	8.1956	0.0587	8.2543	2.1798	0.0544	2.2342	0.0000	6,123.3640	6,123.3640	0.2747	0.0000	6,129.1334
Total	4.4801	16.7724	65.3288	0.1621	9.9818	0.2973	10.2791	2.6905	0.2739	2.9645	0.0000	11,598.7092	11,598.7092	0.3149	0.0000	11,605.3212

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2471	1.8103	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565
Total	0.2471	1.8103	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0851	13.9364	35.2382	0.0647	1.7862	0.2386	2.0248	0.5108	0.2195	0.7303	0.0000	5,475.3452	5,475.3452	0.0401	0.0000	5,476.1877
Worker	2.3951	2.8360	30.0906	0.0974	8.1956	0.0587	8.2543	2.1798	0.0544	2.2342	0.0000	6,123.3640	6,123.3640	0.2747	0.0000	6,129.1334
Total	4.4801	16.7724	65.3288	0.1621	9.9818	0.2973	10.2791	2.6905	0.2739	2.9645	0.0000	11,598.7092	11,598.7092	0.3149	0.0000	11,605.3212

3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0184	12.4275	34.0819	0.0644	1.7800	0.2334	2.0134	0.5091	0.2147	0.7238	0.0000	5,456.5662	5,456.5662	0.0406	0.0000	5,457.4188
Worker	2.2598	2.6536	28.2177	0.0970	8.1642	0.0588	8.2230	2.1714	0.0545	2.2260	0.0000	6,005.9308	6,005.9308	0.2620	0.0000	6,011.4318
Total	4.2782	15.0811	62.2996	0.1615	9.9443	0.2922	10.2365	2.6805	0.2693	2.9498	0.0000	11,462.4970	11,462.4970	0.3026	0.0000	11,468.8505

3.3 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2209	1.6158	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9943	299.9943	0.0718	0.0000	301.5013
Total	0.2209	1.6158	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9943	299.9943	0.0718	0.0000	301.5013

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0184	12.4275	34.0819	0.0644	1.7800	0.2334	2.0134	0.5091	0.2147	0.7238	0.0000	5,456.5662	5,456.5662	0.0406	0.0000	5,457.4188
Worker	2.2598	2.6536	28.2177	0.0970	8.1642	0.0588	8.2230	2.1714	0.0545	2.2260	0.0000	6,005.9308	6,005.9308	0.2620	0.0000	6,011.4318
Total	4.2782	15.0811	62.2996	0.1615	9.9443	0.2922	10.2365	2.6805	0.2693	2.9498	0.0000	11,462.4970	11,462.4970	0.3026	0.0000	11,468.8505

3.3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8910	11.2168	32.5525	0.0644	1.7807	0.2191	1.9997	0.5093	0.2016	0.7109	0.0000	5,455.6947	5,455.6947	0.0386	0.0000	5,456.5042
Worker	2.1478	2.5064	26.6817	0.0970	8.1642	0.0592	8.2234	2.1714	0.0549	2.2263	0.0000	5,922.2316	5,922.2316	0.2520	0.0000	5,927.5230
Total	4.0388	13.7232	59.2342	0.1614	9.9449	0.2783	10.2232	2.6807	0.2565	2.9372	0.0000	11,377.9262	11,377.9262	0.2905	0.0000	11,384.0272

3.3 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2036	1.4885	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0976	300.0976	0.0713	0.0000	301.5946
Total	0.2036	1.4885	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0976	300.0976	0.0713	0.0000	301.5946

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8910	11.2168	32.5525	0.0644	1.7807	0.2191	1.9997	0.5093	0.2016	0.7109	0.0000	5,455.6947	5,455.6947	0.0386	0.0000	5,456.5042
Worker	2.1478	2.5064	26.6817	0.0970	8.1642	0.0592	8.2234	2.1714	0.0549	2.2263	0.0000	5,922.2316	5,922.2316	0.2520	0.0000	5,927.5230
Total	4.0388	13.7232	59.2342	0.1614	9.9449	0.2783	10.2232	2.6807	0.2565	2.9372	0.0000	11,377.9262	11,377.9262	0.2905	0.0000	11,384.0272

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8699	11.1740	32.0963	0.0649	1.7951	0.2218	2.0169	0.5135	0.2041	0.7176	0.0000	5,504.0150	5,504.0150	0.0390	0.0000	5,504.8344
Worker	2.0650	2.4001	25.6087	0.0978	8.2270	0.0601	8.2872	2.1881	0.0558	2.2439	0.0000	5,893.5389	5,893.5389	0.2454	0.0000	5,898.6922
Total	3.9349	13.5741	57.7050	0.1627	10.0221	0.2819	10.3040	2.7016	0.2599	2.9615	0.0000	11,397.5538	11,397.5538	0.2844	0.0000	11,403.5266

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1920	1.4020	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4642	302.4642	0.0714	0.0000	303.9639
Total	0.1920	1.4020	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4642	302.4642	0.0714	0.0000	303.9639

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8699	11.1740	32.0963	0.0649	1.7951	0.2218	2.0169	0.5135	0.2041	0.7176	0.0000	5,504.0150	5,504.0150	0.0390	0.0000	5,504.8344
Worker	2.0650	2.4001	25.6087	0.0978	8.2270	0.0601	8.2872	2.1881	0.0558	2.2439	0.0000	5,893.5389	5,893.5389	0.2454	0.0000	5,898.6922
Total	3.9349	13.5741	57.7050	0.1627	10.0221	0.2819	10.3040	2.7016	0.2599	2.9615	0.0000	11,397.5538	11,397.5538	0.2844	0.0000	11,403.5266

3.3 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8248	11.0102	31.2990	0.0647	1.7887	0.2217	2.0104	0.5117	0.2040	0.7157	0.0000	5,487.7199	5,487.7199	0.0390	0.0000	5,488.5389
Worker	1.9750	2.2870	24.4629	0.0974	8.1956	0.0604	8.2561	2.1798	0.0561	2.2358	0.0000	5,806.7793	5,806.7793	0.2374	0.0000	5,811.7652
Total	3.7998	13.2972	55.7619	0.1621	9.9843	0.2821	10.2665	2.6915	0.2600	2.9515	0.0000	11,294.4991	11,294.4991	0.2764	0.0000	11,300.3041

3.3 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8248	11.0102	31.2990	0.0647	1.7887	0.2217	2.0104	0.5117	0.2040	0.7157	0.0000	5,487.7199	5,487.7199	0.0390	0.0000	5,488.5389
Worker	1.9750	2.2870	24.4629	0.0974	8.1956	0.0604	8.2561	2.1798	0.0561	2.2358	0.0000	5,806.7793	5,806.7793	0.2374	0.0000	5,811.7652
Total	3.7998	13.2972	55.7619	0.1621	9.9843	0.2821	10.2665	2.6915	0.2600	2.9515	0.0000	11,294.4991	11,294.4991	0.2764	0.0000	11,300.3041

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7971	10.8834	30.7583	0.0648	1.7892	0.2217	2.0109	0.5119	0.2040	0.7159	0.0000	5,492.6124	5,492.6124	0.0391	0.0000	5,493.4327
Worker	1.9029	2.2003	23.5897	0.0974	8.1956	0.0611	8.2567	2.1798	0.0567	2.2364	0.0000	5,751.9521	5,751.9521	0.2316	0.0000	5,756.8151
Total	3.7000	13.0836	54.3480	0.1622	9.9848	0.2828	10.2676	2.6917	0.2607	2.9523	0.0000	11,244.5645	11,244.5645	0.2706	0.0000	11,250.2478

3.3 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7971	10.8834	30.7583	0.0648	1.7892	0.2217	2.0109	0.5119	0.2040	0.7159	0.0000	5,492.6124	5,492.6124	0.0391	0.0000	5,493.4327
Worker	1.9029	2.2003	23.5897	0.0974	8.1956	0.0611	8.2567	2.1798	0.0567	2.2364	0.0000	5,751.9521	5,751.9521	0.2316	0.0000	5,756.8151
Total	3.7000	13.0836	54.3480	0.1622	9.9848	0.2828	10.2676	2.6917	0.2607	2.9523	0.0000	11,244.5645	11,244.5645	0.2706	0.0000	11,250.2478

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7805	10.7841	30.3517	0.0648	1.7897	0.2222	2.0119	0.5121	0.2044	0.7165	0.0000	5,497.1538	5,497.1538	0.0392	0.0000	5,497.9762
Worker	1.8353	2.1234	22.8187	0.0974	8.1956	0.0616	8.2573	2.1798	0.0572	2.2370	0.0000	5,704.5159	5,704.5159	0.2263	0.0000	5,709.2687
Total	3.6158	12.9074	53.1704	0.1622	9.9853	0.2838	10.2691	2.6919	0.2616	2.9535	0.0000	11,201.6697	11,201.6697	0.2655	0.0000	11,207.2448

3.3 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7805	10.7841	30.3517	0.0648	1.7897	0.2222	2.0119	0.5121	0.2044	0.7165	0.0000	5,497.1538	5,497.1538	0.0392	0.0000	5,497.9762
Worker	1.8353	2.1234	22.8187	0.0974	8.1956	0.0616	8.2573	2.1798	0.0572	2.2370	0.0000	5,704.5159	5,704.5159	0.2263	0.0000	5,709.2687
Total	3.6158	12.9074	53.1704	0.1622	9.9853	0.2838	10.2691	2.6919	0.2616	2.9535	0.0000	11,201.6697	11,201.6697	0.2655	0.0000	11,207.2448

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7482	10.6524	29.7435	0.0646	1.7832	0.2214	2.0047	0.5103	0.2037	0.7140	0.0000	5,479.5130	5,479.5130	0.0391	0.0000	5,480.3333
Worker	1.7660	2.0466	22.0608	0.0970	8.1642	0.0619	8.2261	2.1714	0.0574	2.2289	0.0000	5,642.2088	5,642.2088	0.2208	0.0000	5,646.8451
Total	3.5142	12.6990	51.8043	0.1616	9.9475	0.2833	10.2308	2.6817	0.2612	2.9429	0.0000	11,121.7218	11,121.7218	0.2598	0.0000	11,127.1785

3.3 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1770	1.2906	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266
Total	0.1770	1.2906	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7482	10.6524	29.7435	0.0646	1.7832	0.2214	2.0047	0.5103	0.2037	0.7140	0.0000	5,479.5130	5,479.5130	0.0391	0.0000	5,480.3333
Worker	1.7660	2.0466	22.0608	0.0970	8.1642	0.0619	8.2261	2.1714	0.0574	2.2289	0.0000	5,642.2088	5,642.2088	0.2208	0.0000	5,646.8451
Total	3.5142	12.6990	51.8043	0.1616	9.9475	0.2833	10.2308	2.6817	0.2612	2.9429	0.0000	11,121.7218	11,121.7218	0.2598	0.0000	11,127.1785

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7393	10.6184	29.5215	0.0649	1.7905	0.2224	2.0129	0.5124	0.2046	0.7170	0.0000	5,503.7318	5,503.7318	0.0393	0.0000	5,504.5563
Worker	1.7106	1.9886	21.4985	0.0974	8.1956	0.0625	8.2582	2.1798	0.0580	2.2378	0.0000	5,629.1411	5,629.1411	0.2171	0.0000	5,633.7003
Total	3.4499	12.6070	51.0200	0.1623	9.9861	0.2849	10.2710	2.6922	0.2626	2.9548	0.0000	11,132.8729	11,132.8729	0.2564	0.0000	11,138.2566

3.3 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.2956	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7393	10.6184	29.5215	0.0649	1.7905	0.2224	2.0129	0.5124	0.2046	0.7170	0.0000	5,503.7318	5,503.7318	0.0393	0.0000	5,504.5563
Worker	1.7106	1.9886	21.4985	0.0974	8.1956	0.0625	8.2582	2.1798	0.0580	2.2378	0.0000	5,629.1411	5,629.1411	0.2171	0.0000	5,633.7003
Total	3.4499	12.6070	51.0200	0.1623	9.9861	0.2849	10.2710	2.6922	0.2626	2.9548	0.0000	11,132.8729	11,132.8729	0.2564	0.0000	11,138.2566

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7313	10.5503	29.3828	0.0649	1.7909	0.2225	2.0134	0.5126	0.2047	0.7173	0.0000	5,506.9933	5,506.9933	0.0393	0.0000	5,507.8189
Worker	1.6518	1.9288	20.9350	0.0974	8.1956	0.0628	8.2584	2.1798	0.0583	2.2380	0.0000	5,599.7409	5,599.7409	0.2130	0.0000	5,604.2131
Total	3.3832	12.4791	50.3178	0.1623	9.9865	0.2853	10.2718	2.6923	0.2630	2.9553	0.0000	11,106.7342	11,106.7342	0.2523	0.0000	11,112.0320

3.3 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156
Total	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7313	10.5503	29.3828	0.0649	1.7909	0.2225	2.0134	0.5126	0.2047	0.7173	0.0000	5,506.9933	5,506.9933	0.0393	0.0000	5,507.8189
Worker	1.6518	1.9288	20.9350	0.0974	8.1956	0.0628	8.2584	2.1798	0.0583	2.2380	0.0000	5,599.7409	5,599.7409	0.2130	0.0000	5,604.2131
Total	3.3832	12.4791	50.3178	0.1623	9.9865	0.2853	10.2718	2.6923	0.2630	2.9553	0.0000	11,106.7342	11,106.7342	0.2523	0.0000	11,112.0320

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7268	10.4958	29.2630	0.0650	1.7913	0.2228	2.0141	0.5127	0.2050	0.7177	0.0000	5,510.7053	5,510.7053	0.0394	0.0000	5,511.5320
Worker	1.5967	1.8731	20.4232	0.0974	8.1956	0.0630	8.2586	2.1798	0.0584	2.2382	0.0000	5,575.1555	5,575.1555	0.2092	0.0000	5,579.5489
Total	3.3235	12.3688	49.6862	0.1623	9.9870	0.2858	10.2727	2.6925	0.2634	2.9559	0.0000	11,085.8608	11,085.8608	0.2486	0.0000	11,091.0808

3.3 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156
Total	0.1702	0.8266	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7268	10.4958	29.2630	0.0650	1.7913	0.2228	2.0141	0.5127	0.2050	0.7177	0.0000	5,510.7053	5,510.7053	0.0394	0.0000	5,511.5320
Worker	1.5967	1.8731	20.4232	0.0974	8.1956	0.0630	8.2586	2.1798	0.0584	2.2382	0.0000	5,575.1555	5,575.1555	0.2092	0.0000	5,579.5489
Total	3.3235	12.3688	49.6862	0.1623	9.9870	0.2858	10.2727	2.6925	0.2634	2.9559	0.0000	11,085.8608	11,085.8608	0.2486	0.0000	11,091.0808

3.3 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1213	0.7364	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3879	243.3879	9.7700e-003	0.0000	243.5930
Total	0.1213	0.7364	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3879	243.3879	9.7700e-003	0.0000	243.5930

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2262	7.4457	20.7799	0.0463	1.2769	0.1589	1.4359	0.3655	0.1462	0.5118	0.0000	3,929.6438	3,929.6438	0.0281	0.0000	3,930.2337
Worker	1.1018	1.3006	14.2441	0.0694	5.8406	0.0450	5.8855	1.5534	0.0417	1.5951	0.0000	3,958.5204	3,958.5204	0.1467	0.0000	3,961.6019
Total	2.3280	8.7464	35.0241	0.1157	7.1175	0.2039	7.3214	1.9189	0.1880	2.1069	0.0000	7,888.1642	7,888.1642	0.1748	0.0000	7,891.8357

3.3 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1213	0.5891	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3876	243.3876	9.7700e-003	0.0000	243.5927
Total	0.1213	0.5891	1.5002	2.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	243.3876	243.3876	9.7700e-003	0.0000	243.5927

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2262	7.4457	20.7799	0.0463	1.2769	0.1589	1.4359	0.3655	0.1462	0.5118	0.0000	3,929.6438	3,929.6438	0.0281	0.0000	3,930.2337
Worker	1.1018	1.3006	14.2441	0.0694	5.8406	0.0450	5.8855	1.5534	0.0417	1.5951	0.0000	3,958.5204	3,958.5204	0.1467	0.0000	3,961.6019
Total	2.3280	8.7464	35.0241	0.1157	7.1175	0.2039	7.3214	1.9189	0.1880	2.1069	0.0000	7,888.1642	7,888.1642	0.1748	0.0000	7,891.8357

3.4 Paving - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0515	0.2652	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6294	89.6294	4.2000e-003	0.0000		89.7176
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0515	0.2652	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6294	89.6294	4.2000e-003	0.0000		89.7176

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.9000e-004	9.3000e-004	0.0102	5.0000e-005	4.1900e-003	3.0000e-005	4.2200e-003	1.1100e-003	3.0000e-005	1.1400e-003	0.0000	2.8373	2.8373	1.1000e-004	0.0000		2.8395
Total	7.9000e-004	9.3000e-004	0.0102	5.0000e-005	4.1900e-003	3.0000e-005	4.2200e-003	1.1100e-003	3.0000e-005	1.1400e-003	0.0000	2.8373	2.8373	1.1000e-004	0.0000		2.8395

3.4 Paving - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0515	0.2122	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6293	89.6293	4.2000e-003	0.0000	0.0000	89.7175
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0515	0.2122	0.5897	1.0400e-003		0.0123	0.0123		0.0123	0.0123	0.0000	89.6293	89.6293	4.2000e-003	0.0000	0.0000	89.7175

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.9000e-004	9.3000e-004	0.0102	5.0000e-005	4.1900e-003	3.0000e-005	4.2200e-003	1.1100e-003	3.0000e-005	1.1400e-003	0.0000	2.8373	2.8373	1.1000e-004	0.0000	2.8395
Total	7.9000e-004	9.3000e-004	0.0102	5.0000e-005	4.1900e-003	3.0000e-005	4.2200e-003	1.1100e-003	3.0000e-005	1.1400e-003	0.0000	2.8373	2.8373	1.1000e-004	0.0000	2.8395

3.4 Paving - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1504	0.7748	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8122	261.8122	0.0123	0.0000	262.0699
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1504	0.7748	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8122	261.8122	0.0123	0.0000	262.0699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2400e-003	2.6600e-003	0.0293	1.5000e-004	0.0122	9.0000e-005	0.0123	3.2500e-003	9.0000e-005	3.3400e-003	0.0000	8.2627	8.2627	3.0000e-004	0.0000	8.2691
Total	2.2400e-003	2.6600e-003	0.0293	1.5000e-004	0.0122	9.0000e-005	0.0123	3.2500e-003	9.0000e-005	3.3400e-003	0.0000	8.2627	8.2627	3.0000e-004	0.0000	8.2691

3.4 Paving - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1504	0.6198	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8119	261.8119	0.0123	0.0000	262.0696
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1504	0.6198	1.7226	3.0500e-003		0.0359	0.0359		0.0359	0.0359	0.0000	261.8119	261.8119	0.0123	0.0000	262.0696

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2400e-003	2.6600e-003	0.0293	1.5000e-004	0.0122	9.0000e-005	0.0123	3.2500e-003	9.0000e-005	3.3400e-003	0.0000	8.2627	8.2627	3.0000e-004	0.0000	8.2691
Total	2.2400e-003	2.6600e-003	0.0293	1.5000e-004	0.0122	9.0000e-005	0.0123	3.2500e-003	9.0000e-005	3.3400e-003	0.0000	8.2627	8.2627	3.0000e-004	0.0000	8.2691

3.5 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.5086					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0163	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553
Total	14.5110	0.0163	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0438	0.0520	0.5716	2.8300e-003	0.2386	1.8400e-003	0.2405	0.0635	1.7100e-003	0.0652	0.0000	161.2347	161.2347	5.9100e-003	0.0000	161.3589
Total	0.0438	0.0520	0.5716	2.8300e-003	0.2386	1.8400e-003	0.2405	0.0635	1.7100e-003	0.0652	0.0000	161.2347	161.2347	5.9100e-003	0.0000	161.3589

3.5 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.5086					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0130	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553
Total	14.5110	0.0130	0.0342	6.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	4.8512	4.8512	2.0000e-004	0.0000	4.8553

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0438	0.0520	0.5716	2.8300e-003	0.2386	1.8400e-003	0.2405	0.0635	1.7100e-003	0.0652	0.0000	161.2347	161.2347	5.9100e-003	0.0000	161.3589
Total	0.0438	0.0520	0.5716	2.8300e-003	0.2386	1.8400e-003	0.2405	0.0635	1.7100e-003	0.0652	0.0000	161.2347	161.2347	5.9100e-003	0.0000	161.3589

3.5 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.2691					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	99.2861	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2901	0.3489	3.8427	0.0194	1.6327	0.0126	1.6453	0.4342	0.0117	0.4459	0.0000	1,100.3328	1,100.3328	0.0399	0.0000	1,101.1716
Total	0.2901	0.3489	3.8427	0.0194	1.6327	0.0126	1.6453	0.4342	0.0117	0.4459	0.0000	1,100.3328	1,100.3328	0.0399	0.0000	1,101.1716

3.5 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.2691					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.0891	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	99.2861	0.0891	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2901	0.3489	3.8427	0.0194	1.6327	0.0126	1.6453	0.4342	0.0117	0.4459	0.0000	1,100.3328	1,100.3328	0.0399	0.0000	1,101.1716
Total	0.2901	0.3489	3.8427	0.0194	1.6327	0.0126	1.6453	0.4342	0.0117	0.4459	0.0000	1,100.3328	1,100.3328	0.0399	0.0000	1,101.1716

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	53.3165	84.5779	481.8298	1.7565	121.3836	1.9923	123.3759	32.5239	1.8407	34.3646	0.0000	111,770.1945	111,770.1945	3.1476	0.0000	111,836.2950
Unmitigated	53.3165	84.5779	481.8298	1.7565	121.3836	1.9923	123.3759	32.5239	1.8407	34.3646	0.0000	111,770.1945	111,770.1945	3.1476	0.0000	111,836.2950

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	29,260.00	29,260.00	29,260.00	63,424,561	63,424,561
City Park	0.00	0.00	0.00		
General Office Building	62,970.27	62,970.27	62,970.27	119,218,779	119,218,779
Hardware/Paint Store	1,600.20	1,600.20	1,600.20	2,605,838	2,605,838
Hotel	8,987.00	8,987.00	8,987.00	15,346,336	15,346,336
Strip Mall	75,073.44	75,073.44	75,073.44	125,327,225	125,327,225
Total	177,890.91	177,890.91	177,890.91	325,922,739	325,922,739

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 Mid Rise	7.50	3.75	4.88	46.50	12.50	41.00	100	0	0
City Park	7.50	3.75	4.88	33.00	48.00	19.00	100	0	0
General Office Building	7.50	3.75	4.88	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	7.50	3.75	4.88	13.60	67.40	19.00	100	0	0
Hotel	7.50	3.75	4.88	19.40	61.60	19.00	100	0	0
Strip Mall	7.50	3.75	4.88	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	37,726.93 23	37,726.93 23	1.8534	0.3835	37,884.72 70
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	37,726.93 23	37,726.93 23	1.8534	0.3835	37,884.72 70
NaturalGas Mitigated	0.9287	8.2795	5.8970	0.0507		0.6416	0.6416		0.6416	0.6416	0.0000	9,190.583 8	9,190.583 8	0.1762	0.1685	9,246.516 2
NaturalGas Unmitigated	0.9287	8.2795	5.8970	0.0507		0.6416	0.6416		0.6416	0.6416	0.0000	9,190.583 8	9,190.583 8	0.1762	0.1685	9,246.516 2

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 Mid Rise	5.53848e+007	0.2986	2.5521	1.0860	0.0163		0.2063	0.2063		0.2063	0.2063	0.0000	2,955.5460	2,955.5460	0.0567	0.0542	2,973.5329
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	5.98303e+007	0.3226	2.9329	2.4636	0.0176		0.2229	0.2229		0.2229	0.2229	0.0000	3,192.7737	3,192.7737	0.0612	0.0585	3,212.2044
Hardware/Paint Store	804600	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	42.9365	42.9365	8.2000e-004	7.9000e-004	43.1978
Hotel	5.05194e+007	0.2724	2.4764	2.0802	0.0149		0.1882	0.1882		0.1882	0.1882	0.0000	2,695.9095	2,695.9095	0.0517	0.0494	2,712.3164
Strip Mall	5.68584e+006	0.0307	0.2787	0.2341	1.6700e-003		0.0212	0.0212		0.0212	0.0212	0.0000	303.4181	303.4181	5.8200e-003	5.5600e-003	305.2646
Total		0.9287	8.2795	5.8970	0.0507		0.6416	0.6416		0.6416	0.6416	0.0000	9,190.5838	9,190.5838	0.1762	0.1685	9,246.5162

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	5.98303e+007	0.3226	2.9329	2.4636	0.0176		0.2229	0.2229		0.2229	0.2229	0.0000	3,192.7737	3,192.7737	0.0612	0.0585	3,212.2044	
Hardware/Paint Store	804600	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	42.9365	42.9365	8.2000e-004	7.9000e-004	43.1978	
Hotel	5.05194e+007	0.2724	2.4764	2.0802	0.0149		0.1882	0.1882		0.1882	0.1882	0.0000	2,695.9095	2,695.9095	0.0517	0.0494	2,712.3164	
Strip Mall	5.68584e+006	0.0307	0.2787	0.2341	1.6700e-003		0.0212	0.0212		0.0212	0.0212	0.0000	303.4181	303.4181	5.8200e-003	5.5600e-003	305.2646	
Apartments Mid Rise	5.53848e+007	0.2986	2.5521	1.0860	0.0163		0.2063	0.2063		0.2063	0.2063	0.0000	2,955.5460	2,955.5460	0.0567	0.0542	2,973.5329	
Total		0.9287	8.2795	5.8970	0.0507		0.6416	0.6416		0.6416	0.6416	0.0000	9,190.5838	9,190.5838	0.1762	0.1685	9,246.5162	

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.47644e+007	6,630.9158	0.3258	0.0674	6,658.6500
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	8.28947e+007	22,195.8888	1.0904	0.2256	22,288.7242
Hardware/Paint Store	2.1564e+006	577.3979	0.0284	5.8700e-003	579.8129
Hotel	1.58442e+007	4,242.4512	0.2084	0.0431	4,260.1955
Strip Mall	1.52386e+007	4,080.2785	0.2005	0.0415	4,097.3445
Total		37,726.9323	1.8534	0.3835	37,884.7270

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.47644e+007	6,630.9158	0.3258	0.0674	6,658.6500
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	8.28947e+007	22,195.8888	1.0904	0.2256	22,288.7242
Hardware/Paint Store	2.1564e+006	577.3979	0.0284	5.8700e-003	579.8129
Hotel	1.58442e+007	4,242.4512	0.2084	0.0431	4,260.1955
Strip Mall	1.52386e+007	4,080.2785	0.2005	0.0415	4,097.3445
Total		37,726.9323	1.8534	0.3835	37,884.7270

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	80.1856	0.8309	72.0401	3.8200e-003		0.4007	0.4007		0.4007	0.4007	0.0000	118.1246	118.1246	0.1128	0.0000	120.4930
Unmitigated	80.1856	0.8309	72.0401	3.8200e-003		0.4007	0.4007		0.4007	0.4007	0.0000	118.1246	118.1246	0.1128	0.0000	120.4930

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	11.3778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	66.6474					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	2.1605	0.8309	72.0401	3.8200e-003		0.4007	0.4007		0.4007	0.4007	0.0000	118.1246	118.1246	0.1128	0.0000	120.4930
Total	80.1856	0.8309	72.0401	3.8200e-003		0.4007	0.4007		0.4007	0.4007	0.0000	118.1246	118.1246	0.1128	0.0000	120.4930

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	11.3778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	66.6474					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	2.1605	0.8309	72.0401	3.8200e-003		0.4007	0.4007		0.4007	0.4007	0.0000	118.1246	118.1246	0.1128	0.0000	120.4930
Total	80.1856	0.8309	72.0401	3.8200e-003		0.4007	0.4007		0.4007	0.4007	0.0000	118.1246	118.1246	0.1128	0.0000	120.4930

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,661.6652	2.1154	1.2688	4,099.4199
Unmitigated	3,661.6652	2.1079	1.2673	4,098.7853

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	456.078 / 287.528	1,039.2935	0.5985	0.3598	1,163.4100
City Park	0 / 35.7444	33.4983	1.6500e-003	3.4000e-004	33.6384
General Office Building	1014.68 / 621.902	2,295.5472	1.3308	0.8004	2,571.6118
Hardware/Paint Store	13.3331 / 8.17187	30.1638	0.0175	0.0105	33.7913
Hotel	27.9034 / 3.10038	50.0050	0.0360	0.0219	57.5418
Strip Mall	94.2202 / 57.7479	213.1575	0.1236	0.0743	238.7920
Total		3,661.6652	2.1079	1.2673	4,098.7853

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	456.078 / 287.528	1,039.2935	0.6006	0.3603	1,163.5902
City Park	0 / 35.7444	33.4983	1.6500e-003	3.4000e-004	33.6384
General Office Building	1014.68 / 621.902	2,295.5472	1.3355	0.8014	2,572.0127
Hardware/Paint Store	13.3331 / 8.17187	30.1638	0.0176	0.0105	33.7966
Hotel	27.9034 / 3.10038	50.0050	0.0361	0.0219	57.5528
Strip Mall	94.2202 / 57.7479	213.1575	0.1240	0.0744	238.8292
Total		3,661.6652	2.1154	1.2688	4,099.4199

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2,530.4549	149.5456	0.0000	5,670.9125
Unmitigated	2,530.4549	149.5456	0.0000	5,670.9125

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	3220	653.6309	38.6285	0.0000	1,464.8290
City Park	2.58	0.5237	0.0310	0.0000	1.1737
General Office Building	5309.37	1,077.7541	63.6934	0.0000	2,415.3165
Hardware/Paint Store	1996.05	405.1801	23.9455	0.0000	908.0347
Hotel	602.25	122.2513	7.2249	0.0000	273.9731
Strip Mall	1335.6	271.1147	16.0224	0.0000	607.5856
Total		2,530.4549	149.5456	0.0000	5,670.9125

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	3220	653.6309	38.6285	0.0000	1,464.8290
City Park	2.58	0.5237	0.0310	0.0000	1.1737
General Office Building	5309.37	1,077.7541	63.6934	0.0000	2,415.3165
Hardware/Paint Store	1996.05	405.1801	23.9455	0.0000	908.0347
Hotel	602.25	122.2513	7.2249	0.0000	273.9731
Strip Mall	1335.6	271.1147	16.0224	0.0000	607.5856
Total		2,530.4549	149.5456	0.0000	5,670.9125

9.0 Operational Offroad

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

Railyards Land Use Variet - Construction and Operations Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	5,709.00	1000sqft	131.06	5,709,000.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Apartments Mid Rise	7,000.00	Dwelling Unit	184.21	7,000,000.00	18690
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	1,272.00	1000sqft	29.20	1,272,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Trips and VMT - Assumed 750,000 cy are soil would be imported to the project site during grading.

Grading -

Vehicle Trips - Adjusted the trip rates and trip length to match the VMT that was provided by F&P

Energy Use - Adjusted the energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
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	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00

tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	550.00	298.00
tblConstructionPhase	NumDays	7,750.00	4,099.00
tblConstructionPhase	NumDays	775.00	261.00
tblConstructionPhase	NumDays	550.00	298.00
tblConstructionPhase	PhaseEndDate	12/29/2034	12/31/2034
tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	6.08	4.56
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24E	4.39	3.29
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24NG	8,261.25	6,195.90
tblEnergyUse	T24NG	13.07	9.80
tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	34.77	26.10
tblEnergyUse	T24NG	4.72	3.54
tblGrading	MaterialImported	0.00	750,000.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	HaulingTripLength	20.00	15.00
tblTripsAndVMT	HaulingTripNumber	93,750.00	107,143.00

tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CC_TL	5.00	3.75
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CNW_TL	6.50	4.88
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	CW_TL	10.00	7.50
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	29.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	6.50	4.88
tblVehicleTrips	HS_TL	5.00	3.75
tblVehicleTrips	HW_TL	10.00	7.50
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	26.00	0.00

tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	4.18
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	82.52	8.89
tblVehicleTrips	ST_TR	8.19	8.17
tblVehicleTrips	ST_TR	42.04	59.02
tblVehicleTrips	SU_TR	6.07	4.18
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	68.65	8.89
tblVehicleTrips	SU_TR	5.95	8.17
tblVehicleTrips	SU_TR	20.43	59.02
tblVehicleTrips	WD_TR	6.59	4.18
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	51.29	8.89
tblVehicleTrips	WD_TR	44.32	59.02

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	15.1339	152.6392	164.7814	0.2883	14.7590	4.7692	19.5282	5.1877	4.3862	9.5739	0.0000	29,095.7572	29,095.7572	2.1040	0.0000	29,139.9407
2017	58.6410	224.5349	690.1504	1.3590	79.1366	4.9037	84.0403	21.2660	4.5428	25.8087	0.0000	117,526.5687	117,526.5687	4.0295	0.0000	117,611.1879
2018	50.8443	201.8425	614.7981	1.3567	79.1335	4.3919	83.5254	21.2648	4.0708	25.3356	0.0000	114,110.5962	114,110.5962	3.7688	0.0000	114,189.7418
2019	46.4067	183.6688	570.9575	1.3520	79.1371	3.9941	83.1312	21.2661	3.7023	24.9683	0.0000	110,739.9260	110,739.9260	3.5554	0.0000	110,814.5887
2020	41.6930	161.4997	523.1285	1.3509	79.1399	3.5784	82.7182	21.2672	3.3177	24.5849	0.0000	107,218.6099	107,218.6099	3.3929	0.0000	107,289.8605
2021	38.8748	138.6481	492.4755	1.3503	79.1438	3.2223	82.3661	21.2687	2.9873	24.2560	0.0000	106,210.4931	106,210.4931	3.2667	0.0000	106,279.0930
2022	37.1523	125.0408	471.8383	1.3503	79.1492	3.0434	82.1926	21.2707	2.8203	24.0910	0.0000	105,352.0660	105,352.0660	3.1683	0.0000	105,418.6010
2023	35.1130	114.0244	450.3327	1.3500	79.1542	2.8301	81.9843	21.2726	2.6219	23.8945	0.0000	104,564.7494	104,564.7494	3.0623	0.0000	104,629.0584
2024	33.8666	111.3208	435.5011	1.3504	79.1595	2.7556	81.9150	21.2747	2.5514	23.8260	0.0000	103,931.5814	103,931.5814	2.9887	0.0000	103,994.3431
2025	32.7700	108.7785	422.9154	1.3507	79.1632	2.6797	81.8429	21.2761	2.4799	23.7560	0.0000	103,375.4278	103,375.4278	2.9269	0.0000	103,436.8932
2026	31.9277	107.2773	412.5608	1.3510	79.1669	2.6851	81.8520	21.2775	2.4849	23.7623	0.0000	102,907.6639	102,907.6639	2.8780	0.0000	102,968.1011
2027	31.1964	106.0386	403.7857	1.3514	79.1708	2.6927	81.8635	21.2790	2.4919	23.7709	0.0000	102,506.3780	102,506.3780	2.8345	0.0000	102,565.9013
2028	30.4520	104.9172	395.4932	1.3516	79.1739	2.6974	81.8713	21.2802	2.4963	23.7765	0.0000	102,159.7464	102,159.7464	2.7952	0.0000	102,218.4465
2029	29.7560	103.9282	388.0595	1.3519	79.1769	2.7012	81.8782	21.2814	2.4998	23.7812	0.0000	101,865.6075	101,865.6075	2.7574	0.0000	101,923.5133
2030	29.0651	98.5385	382.3297	1.3562	79.1799	2.3271	81.5070	21.2825	2.1565	23.4391	0.0000	101,961.4234	101,961.4234	2.2412	0.0000	102,008.4876

	ROG	NOx	CO	SO2	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					
2031	28.4891	97.7679	377.0764	1.3565	79.1833	2.3305	81.5138	21.2839	2.1597	23.4436	0.0000	101,766.2686	101,766.2686	2.2099	0.0000	101,812.6765
2032	27.9418	97.0971	372.5824	1.3568	79.1869	2.3333	81.5202	21.2853	2.1623	23.4476	0.0000	101,607.1465	101,607.1465	2.1825	0.0000	101,652.9780
2033	766.4752	7.0019	37.7690	0.1683	13.0080	0.3242	13.1251	3.4505	0.3242	3.5607	0.0000	10,643.4760	10,643.4760	0.3545	0.0000	10,650.9209
2034	766.3848	3.3014	37.1796	0.1683	13.0080	0.1172	13.1252	3.4505	0.1102	3.5607	0.0000	10,617.0832	10,617.0832	0.3501	0.0000	10,624.4346
Total	2,132.1835	2,247.8657	7,643.7151	22.2705	1,307.3305	54.3770	1,361.5004	352.4853	50.3660	402.6373	0.0000	1,738,160.5690	1,738,160.5690	50.8666	0.0000	1,739,228.7679

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	15.1339	137.6765	164.7814	0.2883	9.6618	4.7692	14.4310	3.1601	4.3862	7.5463	0.0000	29,095.7572	29,095.7572	2.1040	0.0000	29,139.9407
2017	58.6410	219.2538	690.1504	1.3590	79.1366	4.9037	84.0403	21.2660	4.5428	25.8087	0.0000	117,526.5687	117,526.5687	4.0295	0.0000	117,611.1879
2018	50.8443	197.1903	614.7981	1.3567	79.1335	4.3919	83.5254	21.2648	4.0708	25.3356	0.0000	114,110.5962	114,110.5962	3.7688	0.0000	114,189.7418
2019	46.4067	179.4758	570.9575	1.3520	79.1371	3.9941	83.1312	21.2661	3.7023	24.9683	0.0000	110,739.9260	110,739.9260	3.5554	0.0000	110,814.5887
2020	41.6930	157.6829	523.1285	1.3509	79.1399	3.5784	82.7182	21.2672	3.3177	24.5849	0.0000	107,218.6099	107,218.6099	3.3929	0.0000	107,289.8605
2021	38.8748	135.1801	492.4755	1.3503	79.1438	3.2223	82.3661	21.2687	2.9873	24.2560	0.0000	106,210.4931	106,210.4931	3.2667	0.0000	106,279.0930
2022	37.1523	121.9336	471.8383	1.3503	79.1492	3.0434	82.1926	21.2707	2.8203	24.0910	0.0000	105,352.0660	105,352.0660	3.1683	0.0000	105,418.6010
2023	35.1130	111.1618	450.3327	1.3500	79.1542	2.8301	81.9843	21.2726	2.6219	23.8945	0.0000	104,564.7494	104,564.7494	3.0623	0.0000	104,629.0584

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	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665
Energy	5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307
Mobile	334.9040	434.7688	2,713.2655	10.4611	690.4567	10.9374	701.3942	184.4744	10.1052	194.5796		728,937.4425	728,937.4425	19.0694		729,337.8994
Total	784.8111	486.7829	3,321.8987	10.7692	690.4567	17.6588	708.1155	184.4744	16.8265	201.3009	0.0000	785,490.8188	785,490.8188	21.1279	1.0177	786,249.9966

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	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665
Energy	5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307
Mobile	334.9040	434.7688	2,713.2655	10.4611	690.4567	10.9374	701.3942	184.4744	10.1052	194.5796		728,937.4425	728,937.4425	19.0694		729,337.8994
Total	784.8111	486.7829	3,321.8987	10.7692	690.4567	17.6588	708.1155	184.4744	16.8265	201.3009	0.0000	785,490.8188	785,490.8188	21.1279	1.0177	786,249.9966

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction	Building Construction	1/1/2017	9/16/2032	5	4099	
3	Paving	Paving	9/17/2032	11/8/2033	5	298	
4	Architectural Coating	Architectural Coating	11/9/2033	12/31/2034	5	298	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 652.5

Acres of Paving: 0

Residential Indoor: 14,175,000; Residential Outdoor: 4,725,000; Non-Residential Indoor: 15,097,500; Non-Residential Outdoor: 5,032,500
(Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8,551.00	2,398.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,710.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					9.2676	0.0000	9.2676	3.6865	0.0000	3.6865			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	9.2676	3.5842	12.8518	3.6865	3.2975	6.9840		6,414.9807	6,414.9807	1.9350		6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.2 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1704	0.0000	4.1704	1.6589	0.0000	1.6589			0.0000			0.0000
Off-Road	6.4795	59.8510	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	59.8510	49.1374	0.0617	4.1704	3.5842	7.7547	1.6589	3.2975	4.9564	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	24.9837	170.5727	302.6097	0.5004	14.0892	2.6607	16.7499	4.0115	2.4439	6.4554		49,223.7110	49,223.7110	0.3671		49,231.4206
Worker	30.5549	27.5566	369.4116	0.8318	65.0474	0.4618	65.5092	17.2544	0.4260	17.6804		65,663.0524	65,663.0524	3.0127		65,726.3183
Total	55.5387	198.1293	672.0213	1.3322	79.1366	3.1225	82.2591	21.2660	2.8698	24.1358		114,886.7634	114,886.7634	3.3798		114,957.7389

3.3 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	24.9837	170.5727	302.6097	0.5004	14.0892	2.6607	16.7499	4.0115	2.4439	6.4554		49,223.7110	49,223.7110	0.3671		49,231.4206
Worker	30.5549	27.5566	369.4116	0.8318	65.0474	0.4618	65.5092	17.2544	0.4260	17.6804		65,663.0524	65,663.0524	3.0127		65,726.3183
Total	55.5387	198.1293	672.0213	1.3322	79.1366	3.1225	82.2591	21.2660	2.8698	24.1358		114,886.7634	114,886.7634	3.3798		114,957.7389

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	20.7651	153.7546	264.0672	0.4983	14.0861	2.4450	16.5310	4.0103	2.2471	6.2575		48,315.1927	48,315.1927	0.3579		48,322.7087
Worker	27.4105	24.8270	333.1982	0.8316	65.0474	0.4527	65.5000	17.2544	0.4189	17.6733		63,185.4645	63,185.4645	2.7722		63,243.6814
Total	48.1756	178.5816	597.2654	1.3299	79.1335	2.8976	82.0311	21.2648	2.6660	23.9308		111,500.6572	111,500.6572	3.1301		111,566.3901

3.3 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	20.7651	153.7546	264.0672	0.4983	14.0861	2.4450	16.5310	4.0103	2.2471	6.2575		48,315.1927	48,315.1927	0.3579		48,322.7087
Worker	27.4105	24.8270	333.1982	0.8316	65.0474	0.4527	65.5000	17.2544	0.4189	17.6733		63,185.4645	63,185.4645	2.7722		63,243.6814
Total	48.1756	178.5816	597.2654	1.3299	79.1335	2.8976	82.0311	21.2648	2.6660	23.9308		111,500.6572	111,500.6572	3.1301		111,566.3901

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	18.8516	139.9857	245.9547	0.4979	14.0897	2.2620	16.3517	4.0117	2.0795	6.0912		47,532.5923	47,532.5923	0.3485		47,539.9111
Worker	25.2034	22.7181	307.8825	0.8273	65.0474	0.4471	65.4945	17.2544	0.4145	17.6689		60,626.5719	60,626.5719	2.5789		60,680.7297
Total	44.0550	162.7037	553.8371	1.3252	79.1371	2.7091	81.8462	21.2661	2.4940	23.7601		108,159.1642	108,159.1642	2.9275		108,220.6408

3.3 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	18.8516	139.9857	245.9547	0.4979	14.0897	2.2620	16.3517	4.0117	2.0795	6.0912		47,532.5923	47,532.5923	0.3485		47,539.9111
Worker	25.2034	22.7181	307.8825	0.8273	65.0474	0.4471	65.4945	17.2544	0.4145	17.6689		60,626.5719	60,626.5719	2.5789		60,680.7297
Total	44.0550	162.7037	553.8371	1.3252	79.1371	2.7091	81.8462	21.2661	2.4940	23.7601		108,159.1642	108,159.1642	2.9275		108,220.6408

3.3 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.0370	121.3627	219.4013	0.4969	14.0925	2.0182	16.1107	4.0128	1.8564	5.8692		46,447.3138	46,447.3138	0.3359		46,454.3687
Worker	23.5447	21.0531	286.9188	0.8272	65.0474	0.4473	65.4947	17.2544	0.4148	17.6693		58,228.8161	58,228.8161	2.4375		58,280.0038
Total	39.5817	142.4158	506.3201	1.3241	79.1399	2.4655	81.6054	21.2672	2.2712	23.5384		104,676.1300	104,676.1300	2.7735		104,734.3725

3.3 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.0370	121.3627	219.4013	0.4969	14.0925	2.0182	16.1107	4.0128	1.8564	5.8692		46,447.3138	46,447.3138	0.3359		46,454.3687
Worker	23.5447	21.0531	286.9188	0.8272	65.0474	0.4473	65.4947	17.2544	0.4148	17.6693		58,228.8161	58,228.8161	2.4375		58,280.0038
Total	39.5817	142.4158	506.3201	1.3241	79.1399	2.4655	81.6054	21.2672	2.2712	23.5384		104,676.1300	104,676.1300	2.7735		104,734.3725

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7736	101.6333	206.2745	0.4964	14.0964	1.8179	15.9142	4.0143	1.6725	5.6867		46,421.5195	46,421.5195	0.3335		46,428.5220
Worker	22.2081	19.6745	269.6633	0.8271	65.0474	0.4496	65.4969	17.2544	0.4170	17.6714		57,246.1919	57,246.1919	2.3206		57,294.9248
Total	36.9817	121.3079	475.9378	1.3235	79.1438	2.2674	81.4112	21.2687	2.0895	23.3581		103,667.7114	103,667.7114	2.6541		103,723.4468

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7736	101.6333	206.2745	0.4964	14.0964	1.8179	15.9142	4.0143	1.6725	5.6867		46,421.5195	46,421.5195	0.3335		46,428.5220
Worker	22.2081	19.6745	269.6633	0.8271	65.0474	0.4496	65.4969	17.2544	0.4170	17.6714		57,246.1919	57,246.1919	2.3206		57,294.9248
Total	36.9817	121.3079	475.9378	1.3235	79.1438	2.2674	81.4112	21.2687	2.0895	23.3581		103,667.7114	103,667.7114	2.6541		103,723.4468

3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.4303	91.0122	201.0324	0.4965	14.1018	1.7854	15.8873	4.0163	1.6426	5.6589		46,440.1565	46,440.1565	0.3387		46,447.2682
Worker	21.0228	18.4923	254.4783	0.8270	65.0474	0.4523	65.4997	17.2544	0.4195	17.6739		56,368.1598	56,368.1598	2.2212		56,414.8042
Total	35.4531	109.5044	455.5107	1.3235	79.1492	2.2377	81.3869	21.2707	2.0621	23.3329		102,808.3164	102,808.3164	2.5598		102,862.0724

3.3 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.4303	91.0122	201.0324	0.4965	14.1018	1.7854	15.8873	4.0163	1.6426	5.6589		46,440.1565	46,440.1565	0.3387		46,447.2682
Worker	21.0228	18.4923	254.4783	0.8270	65.0474	0.4523	65.4997	17.2544	0.4195	17.6739		56,368.1598	56,368.1598	2.2212		56,414.8042
Total	35.4531	109.5044	455.5107	1.3235	79.1492	2.2377	81.3869	21.2707	2.0621	23.3329		102,808.3164	102,808.3164	2.5598		102,862.0724

3.3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.5791	82.2331	192.9145	0.4962	14.1068	1.6780	15.7848	4.0182	1.5438	5.5620		46,433.14 26	46,433.14 26	0.3214		46,439.89 11
Worker	19.9678	17.4787	241.2089	0.8269	65.0474	0.4554	65.5028	17.2544	0.4225	17.6769		55,586.98 06	55,586.98 06	2.1366		55,631.84 82
Total	33.5469	99.7117	434.1234	1.3232	79.1542	2.1334	81.2875	21.2726	1.9663	23.2389		102,020.1 231	102,020.1 231	2.4579		102,071.7 393

3.3 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.5791	82.2331	192.9145	0.4962	14.1068	1.6780	15.7848	4.0182	1.5438	5.5620		46,433.14 26	46,433.14 26	0.3214		46,439.89 11
Worker	19.9678	17.4787	241.2089	0.8269	65.0474	0.4554	65.5028	17.2544	0.4225	17.6769		55,586.98 06	55,586.98 06	2.1366		55,631.84 82
Total	33.5469	99.7117	434.1234	1.3232	79.1542	2.1334	81.2875	21.2726	1.9663	23.2389		102,020.1 231	102,020.1 231	2.4579		102,071.7 393

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.3663	81.3232	189.1153	0.4967	14.1121	1.6862	15.7982	4.0203	1.5513	5.5715		46,486.6465	46,486.6465	0.3228		46,493.4253
Worker	19.0351	16.6202	230.2526	0.8268	65.0474	0.4589	65.5063	17.2544	0.4257	17.6801		54,899.8194	54,899.8194	2.0649		54,943.1828
Total	32.4013	97.9434	419.3679	1.3236	79.1595	2.1450	81.3045	21.2747	1.9770	23.2517		101,386.4659	101,386.4659	2.3877		101,436.6082

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.3663	81.3232	189.1153	0.4967	14.1121	1.6862	15.7982	4.0203	1.5513	5.5715		46,486.6465	46,486.6465	0.3228		46,493.4253
Worker	19.0351	16.6202	230.2526	0.8268	65.0474	0.4589	65.5063	17.2544	0.4257	17.6801		54,899.8194	54,899.8194	2.0649		54,943.1828
Total	32.4013	97.9434	419.3679	1.3236	79.1595	2.1450	81.3045	21.2747	1.9770	23.2517		101,386.4659	101,386.4659	2.3877		101,436.6082

3.3 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1435	80.4629	185.6086	0.4971	14.1158	1.6916	15.8074	4.0217	1.5563	5.5780		46,526.4913	46,526.4913	0.3239		46,533.2931
Worker	18.2650	15.9060	221.2550	0.8268	65.0474	0.4631	65.5105	17.2544	0.4297	17.6841		54,303.0460	54,303.0460	2.0055		54,345.1616
Total	31.4085	96.3689	406.8636	1.3238	79.1632	2.1547	81.3179	21.2761	1.9860	23.2621		100,829.5373	100,829.5373	2.3294		100,878.4547

3.3 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1435	80.4629	185.6086	0.4971	14.1158	1.6916	15.8074	4.0217	1.5563	5.5780		46,526.4913	46,526.4913	0.3239		46,533.2931
Worker	18.2650	15.9060	221.2550	0.8268	65.0474	0.4631	65.5105	17.2544	0.4297	17.6841		54,303.0460	54,303.0460	2.0055		54,345.1616
Total	31.4085	96.3689	406.8636	1.3238	79.1632	2.1547	81.3179	21.2761	1.9860	23.2621		100,829.5373	100,829.5373	2.3294		100,878.4547

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9838	79.5576	182.7348	0.4974	14.1195	1.6920	15.8115	4.0231	1.5567	5.5797		46,567.8459	46,567.8459	0.3244		46,574.6580
Worker	17.5824	15.3100	213.7743	0.8268	65.0474	0.4681	65.5155	17.2544	0.4343	17.6887		53,793.9275	53,793.9275	1.9561		53,835.0045
Total	30.5662	94.8676	396.5091	1.3242	79.1669	2.1601	81.3270	21.2775	1.9909	23.2684		100,361.7733	100,361.7733	2.2804		100,409.6626

3.3 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9838	79.5576	182.7348	0.4974	14.1195	1.6920	15.8115	4.0231	1.5567	5.5797		46,567.8459	46,567.8459	0.3244		46,574.6580
Worker	17.5824	15.3100	213.7743	0.8268	65.0474	0.4681	65.5155	17.2544	0.4343	17.6887		53,793.9275	53,793.9275	1.9561		53,835.0045
Total	30.5662	94.8676	396.5091	1.3242	79.1669	2.1601	81.3270	21.2775	1.9909	23.2684		100,361.7733	100,361.7733	2.2804		100,409.6626

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8963	78.8475	180.5678	0.4978	14.1234	1.6954	15.8188	4.0246	1.5598	5.5843		46,606.2298	46,606.2298	0.3252		46,613.0597
Worker	16.9385	14.7815	207.1662	0.8267	65.0474	0.4723	65.5197	17.2544	0.4382	17.6926		53,354.2576	53,354.2576	1.9117		53,394.4030
Total	29.8349	93.6290	387.7339	1.3245	79.1708	2.1677	81.3385	21.2790	1.9980	23.2770		99,960.4874	99,960.4874	2.2369		100,007.4627

3.3 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8963	78.8475	180.5678	0.4978	14.1234	1.6954	15.8188	4.0246	1.5598	5.5843		46,606.2298	46,606.2298	0.3252		46,613.0597
Worker	16.9385	14.7815	207.1662	0.8267	65.0474	0.4723	65.5197	17.2544	0.4382	17.6926		53,354.2576	53,354.2576	1.9117		53,394.4030
Total	29.8349	93.6290	387.7339	1.3245	79.1708	2.1677	81.3385	21.2790	1.9980	23.2770		99,960.4874	99,960.4874	2.2369		100,007.4627

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7513	78.1994	178.0486	0.4980	14.1265	1.6963	15.8228	4.0258	1.5606	5.5864		46,635.2589	46,635.2589	0.3257		46,642.0982
Worker	16.3392	14.3082	201.3928	0.8268	65.0474	0.4761	65.5235	17.2544	0.4417	17.6962		52,978.5969	52,978.5969	1.8720		53,017.9098
Total	29.0905	92.5075	379.4414	1.3248	79.1739	2.1724	81.3463	21.2802	2.0023	23.2826		99,613.8559	99,613.8559	2.1977		99,660.0080

3.3 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7513	78.1994	178.0486	0.4980	14.1265	1.6963	15.8228	4.0258	1.5606	5.5864		46,635.2589	46,635.2589	0.3257		46,642.0982
Worker	16.3392	14.3082	201.3928	0.8268	65.0474	0.4761	65.5235	17.2544	0.4417	17.6962		52,978.5969	52,978.5969	1.8720		53,017.9098
Total	29.0905	92.5075	379.4414	1.3248	79.1739	2.1724	81.3463	21.2802	2.0023	23.2826		99,613.8559	99,613.8559	2.1977		99,660.0080

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.6594	77.6627	176.1735	0.4983	14.1296	1.6972	15.8267	4.0270	1.5614	5.5884		46,661.8294	46,661.8294	0.3261		46,668.6769
Worker	15.7352	13.8558	195.8342	0.8268	65.0474	0.4791	65.5264	17.2544	0.4445	17.6989		52,657.8875	52,657.8875	1.8338		52,696.3979
Total	28.3946	91.5185	372.0077	1.3250	79.1769	2.1762	81.3531	21.2814	2.0059	23.2873		99,319.7169	99,319.7169	2.1599		99,365.0747

3.3 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.6594	77.6627	176.1735	0.4983	14.1296	1.6972	15.8267	4.0270	1.5614	5.5884		46,661.8294	46,661.8294	0.3261		46,668.6769
Worker	15.7352	13.8558	195.8342	0.8268	65.0474	0.4791	65.5264	17.2544	0.4445	17.6989		52,657.8875	52,657.8875	1.8338		52,696.3979
Total	28.3946	91.5185	372.0077	1.3250	79.1769	2.1762	81.3531	21.2814	2.0059	23.2873		99,319.7169	99,319.7169	2.1599		99,365.0747

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.6051	77.1755	175.1962	0.4985	14.1325	1.6982	15.8307	4.0281	1.5624	5.5905		46,689.3941	46,689.3941	0.3265		46,696.2502
Worker	15.1559	13.4451	191.0022	0.8268	65.0474	0.4813	65.5287	17.2544	0.4465	17.7010		52,387.1993	52,387.1993	1.7989		52,424.9757
Total	27.7610	90.6206	366.1984	1.3253	79.1799	2.1795	81.3594	21.2825	2.0089	23.2915		99,076.5934	99,076.5934	2.1254		99,121.2259

3.3 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.6051	77.1755	175.1962	0.4985	14.1325	1.6982	15.8307	4.0281	1.5624	5.5905		46,689.3941	46,689.3941	0.3265		46,696.2502
Worker	15.1559	13.4451	191.0022	0.8268	65.0474	0.4813	65.5287	17.2544	0.4465	17.7010		52,387.1993	52,387.1993	1.7989		52,424.9757
Total	27.7610	90.6206	366.1984	1.3253	79.1799	2.1795	81.3594	21.2825	2.0089	23.2915		99,076.5934	99,076.5934	2.1254		99,121.2259

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.5743	76.7871	174.3168	0.4988	14.1360	1.7002	15.8362	4.0295	1.5642	5.5937		46,720.7641	46,720.7641	0.3270		46,727.6300
Worker	14.6106	13.0629	186.6283	0.8268	65.0474	0.4827	65.5301	17.2544	0.4478	17.7022		52,160.6746	52,160.6746	1.7672		52,197.7848
Total	27.1850	89.8500	360.9451	1.3257	79.1834	2.1829	81.3662	21.2839	2.0120	23.2960		98,881.4387	98,881.4387	2.0941		98,925.4148

3.3 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.5743	76.7871	174.3168	0.4988	14.1360	1.7002	15.8362	4.0295	1.5642	5.5937		46,720.7641	46,720.7641	0.3270		46,727.6300
Worker	14.6106	13.0629	186.6283	0.8268	65.0474	0.4827	65.5301	17.2544	0.4478	17.7022		52,160.6746	52,160.6746	1.7672		52,197.7848
Total	27.1850	89.8500	360.9451	1.3257	79.1834	2.1829	81.3662	21.2839	2.0120	23.2960		98,881.4387	98,881.4387	2.0941		98,925.4148

3.3 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.5321	76.4462	173.5441	0.4991	14.1395	1.7021	15.8416	4.0309	1.5660	5.5969		46,750.0995	46,750.0995	0.3274		46,756.9745
Worker	14.1056	12.7330	182.9070	0.8268	65.0474	0.4836	65.5310	17.2544	0.4487	17.7031		51,972.2171	51,972.2171	1.7393		52,008.7419
Total	26.6377	89.1792	356.4511	1.3260	79.1869	2.1857	81.3726	21.2853	2.0147	23.3000		98,722.3166	98,722.3166	2.0667		98,765.7163

3.3 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.5321	76.4462	173.5441	0.4991	14.1395	1.7021	15.8416	4.0309	1.5660	5.5969		46,750.0995	46,750.0995	0.3274		46,756.9745
Worker	14.1056	12.7330	182.9070	0.8268	65.0474	0.4836	65.5310	17.2544	0.4487	17.7031		51,972.2171	51,972.2171	1.7393		52,008.7419
Total	26.6377	89.1792	356.4511	1.3260	79.1869	2.1857	81.3726	21.2853	2.0147	23.3000		98,722.3166	98,722.3166	2.0667		98,765.7163

3.4 Paving - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0247	0.0223	0.3209	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		91.1687	91.1687	3.0500e-003		91.2327
Total	0.0247	0.0223	0.3209	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		91.1687	91.1687	3.0500e-003		91.2327

3.4 Paving - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0247	0.0223	0.3209	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		91.1687	91.1687	3.0500e-003		91.2327
Total	0.0247	0.0223	0.3209	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		91.1687	91.1687	3.0500e-003		91.2327

3.4 Paving - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0240	0.0219	0.3155	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		90.8950	90.8950	3.0100e-003		90.9582
Total	0.0240	0.0219	0.3155	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		90.8950	90.8950	3.0100e-003		90.9582

3.4 Paving - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0240	0.0219	0.3155	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		90.8950	90.8950	3.0100e-003		90.9582
Total	0.0240	0.0219	0.3155	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		90.8950	90.8950	3.0100e-003		90.9582

3.5 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	763.6085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	763.7392	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7360	2.4920	35.9713	0.1654	13.0080	0.0969	13.1048	3.4505	0.0899	3.5404		10,362.0279	10,362.0279	0.3431		10,369.2337
Total	2.7360	2.4920	35.9713	0.1654	13.0080	0.0969	13.1048	3.4505	0.0899	3.5404		10,362.0279	10,362.0279	0.3431		10,369.2337

3.5 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	763.6085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	763.7392	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7360	2.4920	35.9713	0.1654	13.0080	0.0969	13.1048	3.4505	0.0899	3.5404		10,362.0279	10,362.0279	0.3431		10,369.2337
Total	2.7360	2.4920	35.9713	0.1654	13.0080	0.0969	13.1048	3.4505	0.0899	3.5404		10,362.0279	10,362.0279	0.3431		10,369.2337

3.5 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	763.6085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	763.7392	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6456	2.4451	35.3818	0.1654	13.0080	0.0969	13.1049	3.4505	0.0899	3.5404		10,335.6352	10,335.6352	0.3387		10,342.7473
Total	2.6456	2.4451	35.3818	0.1654	13.0080	0.0969	13.1049	3.4505	0.0899	3.5404		10,335.6352	10,335.6352	0.3387		10,342.7473

3.5 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	763.6085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	763.7392	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6456	2.4451	35.3818	0.1654	13.0080	0.0969	13.1049	3.4505	0.0899	3.5404		10,335.6352	10,335.6352	0.3387		10,342.7473
Total	2.6456	2.4451	35.3818	0.1654	13.0080	0.0969	13.1049	3.4505	0.0899	3.5404		10,335.6352	10,335.6352	0.3387		10,342.7473

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	334.9040	434.7688	2,713.2655	10.4611	690.4567	10.9374	701.3942	184.4744	10.1052	194.5796		728,937.4425	728,937.4425	19.0694		729,337.8994
Unmitigated	334.9040	434.7688	2,713.2655	10.4611	690.4567	10.9374	701.3942	184.4744	10.1052	194.5796		728,937.4425	728,937.4425	19.0694		729,337.8994

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	29,260.00	29,260.00	29,260.00	63,424,561	63,424,561
City Park	0.00	0.00	0.00		
General Office Building	62,970.27	62,970.27	62,970.27	119,218,779	119,218,779
Hardware/Paint Store	1,600.20	1,600.20	1,600.20	2,605,838	2,605,838
Hotel	8,987.00	8,987.00	8,987.00	15,346,336	15,346,336
Strip Mall	75,073.44	75,073.44	75,073.44	125,327,225	125,327,225
Total	177,890.91	177,890.91	177,890.91	325,922,739	325,922,739

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 Mid Rise	7.50	3.75	4.88	46.50	12.50	41.00	100	0	0
City Park	7.50	3.75	4.88	33.00	48.00	19.00	100	0	0
General Office Building	7.50	3.75	4.88	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	7.50	3.75	4.88	13.60	67.40	19.00	100	0	0
Hotel	7.50	3.75	4.88	19.40	61.60	19.00	100	0	0
Strip Mall	7.50	3.75	4.88	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307
NaturalGas Unmitigated	5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	163919	1.7678	16.0705	13.4992	0.0964		1.2214	1.2214		1.2214	1.2214		19,284.5512	19,284.5512	0.3696	0.3536	19,401.9137	
Hardware/Paint Store	2204.38	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175	
Hotel	138409	1.4927	13.5696	11.3984	0.0814		1.0313	1.0313		1.0313	1.0313		16,283.4604	16,283.4604	0.3121	0.2985	16,382.5589	
Strip Mall	15577.6	0.1680	1.5272	1.2829	9.1600e-003		0.1161	0.1161		0.1161	0.1161		1,832.6640	1,832.6640	0.0351	0.0336	1,843.8173	
Apartments Mid Rise	151739	1.6364	13.9838	5.9506	0.0893		1.1306	1.1306		1.1306	1.1306		17,851.6809	17,851.6809	0.3422	0.3273	17,960.3233	
Total		5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307	

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	163.919	1.7678	16.0705	13.4992	0.0964		1.2214	1.2214		1.2214	1.2214		19,284.5512	19,284.5512	0.3696	0.3536	19,401.9137
Hardware/Paint Store	2.20438	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hotel	138.409	1.4927	13.5696	11.3984	0.0814		1.0313	1.0313		1.0313	1.0313		16,283.4604	16,283.4604	0.3121	0.2985	16,382.5589
Strip Mall	15.5776	0.1680	1.5272	1.2829	9.1600e-003		0.1161	0.1161		0.1161	0.1161		1,832.6640	1,832.6640	0.0351	0.0336	1,843.8173
Apartments Mid Rise	151.739	1.6364	13.9838	5.9506	0.0893		1.1306	1.1306		1.1306	1.1306		17,851.6809	17,851.6809	0.3422	0.3273	17,960.3233
Total		5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665
Unmitigated	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665

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	62.3439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	365.1910					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	17.2836	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056		1,041.6806	1,041.6806	0.9946		1,062.5665
Total	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665

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	62.3439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	365.1910					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	17.2836	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056		1,041.6806	1,041.6806	0.9946		1,062.5665
Total	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665

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

RSPU - Construction & Operations - MLS Event - Unadjusted Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,543.00	1000sqft	104.29	4,543,000.00	0
Hospital	1,228.00	1000sqft	28.19	1,228,000.00	0
Unenclosed Parking Structure	2,160.00	Space	19.44	864,000.00	0
Arena	395.70	1000sqft	127.19	395,700.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Apartments Mid Rise	6,000.00	Dwelling Unit	157.89	6,000,000.00	16020
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	905.00	1000sqft	20.78	905,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT - Assumed 750,000 cy of soil would be imported to the project site during grading.

Grading - Assumes 750,000 cubic yards of soil imported

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates were provided by F&P. Adjusted trips lengths for the Arena to reflect what would be expected at an MLS Stadium; not an arena.

Area Coating -

Energy Use - Adjusted energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	255,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	197,850.00

tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	2,556,911.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	359,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	765,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	593,550.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	7,670,733.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	1,077,005.00
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tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
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tblConstructionPhase	PhaseEndDate	1/16/2018	10/31/2017
tblConstructionPhase	PhaseEndDate	7/18/2033	9/16/2032

tblConstructionPhase	PhaseEndDate	12/14/2020	7/16/2021
tblConstructionPhase	PhaseEndDate	10/31/2024	4/12/2035
tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblConstructionPhase	PhaseEndDate	6/3/2036	11/8/2033
tblConstructionPhase	PhaseEndDate	3/7/2035	6/19/2035
tblConstructionPhase	PhaseEndDate	12/1/2032	1/15/2018
tblConstructionPhase	PhaseStartDate	1/16/2018	11/1/2017
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tblConstructionPhase	PhaseStartDate	1/1/2017	10/15/2016
tblConstructionPhase	PhaseStartDate	11/1/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	1/16/2018	8/20/2018
tblConstructionPhase	PhaseStartDate	12/4/2021	5/16/2032
tblConstructionPhase	PhaseStartDate	4/13/2035	9/17/2032
tblConstructionPhase	PhaseStartDate	1/1/2035	4/13/2035
tblConstructionPhase	PhaseStartDate	9/17/2032	11/1/2017
tblConstructionPhase	PhaseStartDate	7/17/2021	7/19/2021
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tblEnergyUse	T24E	4.17	3.13
tblEnergyUse	T24E	6.08	4.56
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24E	9.62	7.22
tblEnergyUse	T24E	4.39	3.29
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24NG	8,261.25	6,195.94
tblEnergyUse	T24NG	24.61	18.46
tblEnergyUse	T24NG	13.07	9.80
tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	58.20	43.65

tblEnergyUse	T24NG	34.77	26.08
tblEnergyUse	T24NG	4.72	3.54
tblGrading	AcresOfGrading	652.50	244.00
tblGrading	MaterialExported	0.00	750,000.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	HaulingTripLength	20.00	15.00
tblTripsAndVMT	HaulingTripNumber	93,750.00	107,143.00
tblVehicleTrips	CC_TL	5.00	12.15
tblVehicleTrips	CNW_TL	6.50	15.80
tblVehicleTrips	CW_TL	10.00	24.30
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tblVehicleTrips	WD_TR	44.32	59.00
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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	81.2324	407.5484	927.0078	1.6312	90.3351	10.4211	100.7562	25.7755	9.6183	35.3938	0.0000	148,932.1412	148,932.1412	6.3593	0.0000	149,065.6861
2017	168.2791	454.3267	1,368.0363	2.6828	154.4791	9.8873	164.3664	41.5369	9.1588	50.6957	0.0000	232,682.7370	232,682.7370	7.8714	0.0000	232,848.0354
2018	159.5517	408.4243	1,218.1637	2.6782	154.4727	8.8552	163.3279	41.5345	8.2071	49.7416	0.0000	225,979.7972	225,979.7972	7.3659	0.0000	226,134.4803
2019	91.9017	371.6449	1,131.4325	2.6690	154.4802	8.0524	162.5325	41.5372	7.4633	49.0005	0.0000	219,378.1896	219,378.1896	6.9516	0.0000	219,524.1722
2020	82.4687	326.6423	1,036.0794	2.6667	154.4857	7.2108	161.6965	41.5395	6.6848	48.2243	0.0000	212,451.8139	212,451.8139	6.6356	0.0000	212,591.1613
2021	242.6236	280.2092	975.3882	2.6656	154.4938	6.4901	160.9839	41.5425	6.0162	47.5587	0.0000	210,500.6949	210,500.6949	6.3909	0.0000	210,634.9039
2022	36.7451	126.3157	467.4591	1.3328	77.2525	3.0654	80.3178	20.7733	2.8404	23.6137	0.0000	104,421.8813	104,421.8813	3.1006	0.0000	104,486.9936
2023	34.7236	115.1503	446.2311	1.3325	77.2575	2.8498	80.1072	20.7753	2.6399	23.4151	0.0000	103,660.7287	103,660.7287	2.9971	0.0000	103,723.6673
2024	33.5042	112.4567	431.6893	1.3329	77.2629	2.7753	80.0382	20.7774	2.5694	23.3467	0.0000	103,051.8201	103,051.8201	2.9258	0.0000	103,113.2626
2025	32.4288	109.9205	419.3336	1.3332	77.2667	2.6994	79.9661	20.7788	2.4979	23.2767	0.0000	102,516.5968	102,516.5968	2.8661	0.0000	102,576.7856
2026	31.6062	108.4205	409.1710	1.3336	77.2705	2.7046	79.9751	20.7802	2.5027	23.2829	0.0000	102,066.8424	102,066.8424	2.8189	0.0000	102,126.0382
2027	30.8948	107.1848	400.5732	1.3339	77.2745	2.7121	79.9866	20.7818	2.5096	23.2914	0.0000	101,681.1650	101,681.1650	2.7768	0.0000	101,739.4787
2028	30.1675	106.0658	392.4227	1.3342	77.2777	2.7167	79.9944	20.7830	2.5139	23.2969	0.0000	101,347.7911	101,347.7911	2.7390	0.0000	101,405.3097

	ROG	NOx	CO	SO2	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					
2029	29.4900	105.0809	385.1371	1.3344	77.2807	2.7205	80.0012	20.7842	2.5174	23.3016	0.0000	101,065.0078	101,065.0078	2.7025	0.0000	101,121.7593
2030	28.8175	99.6948	379.5497	1.3387	77.2837	2.3463	79.6300	20.7854	2.1741	22.9595	0.0000	101,170.5153	101,170.5153	2.1874	0.0000	101,216.4501
2031	28.2592	98.9290	374.4254	1.3390	77.2873	2.3497	79.6370	20.7868	2.1772	22.9640	0.0000	100,983.6440	100,983.6440	2.1572	0.0000	101,028.9451
2032	55.4561	196.5244	740.0810	2.6787	154.5818	4.7051	159.2869	41.5765	4.3596	45.9361	0.0000	201,662.9618	201,662.9618	4.2614	0.0000	201,752.4511
2033	520.6611	104.6958	403.1016	1.5025	89.8688	2.6797	92.3374	24.1251	2.5067	26.4140	0.0000	111,006.6902	111,006.6902	2.4515	0.0000	111,058.1717
2034	520.1180	100.3751	399.0723	1.5027	89.8720	2.4699	92.3419	24.1264	2.2901	26.4165	0.0000	110,880.8265	110,880.8265	2.4260	0.0000	110,931.7716
2035	150.3401	95.9501	359.9309	1.3402	77.3005	2.2986	79.5990	20.7921	2.1255	22.9176	0.0000	100,526.0820	100,526.0820	2.0606	0.0000	100,569.3554
Total	2,389.2694	3,835.5600	12,664.2858	35.3628	2,047.0835	90.0098	2,136.8822	551.8922	83.3729	635.0473	0.0000	2,795,967.9267	2,795,967.9267	80.0454	0.0000	2,797,648.8791

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	81.2324	386.8844	927.0078	1.6312	86.1508	10.4211	96.5719	23.8465	9.6183	33.4648	0.0000	148,932.1412	148,932.1412	6.3593	0.0000	149,065.6861
2017	168.2791	443.7645	1,368.0363	2.6828	154.4791	9.8873	164.3664	41.5369	9.1588	50.6957	0.0000	232,682.7370	232,682.7370	7.8714	0.0000	232,848.0354
2018	159.5517	399.1200	1,218.1637	2.6782	154.4727	8.8552	163.3279	41.5345	8.2071	49.7416	0.0000	225,979.7972	225,979.7972	7.3659	0.0000	226,134.4803
2019	91.9017	363.2589	1,131.4325	2.6690	154.4802	8.0524	162.5325	41.5372	7.4633	49.0005	0.0000	219,378.1896	219,378.1896	6.9516	0.0000	219,524.1722
2020	82.4687	319.0087	1,036.0794	2.6667	154.4857	7.2108	161.6965	41.5395	6.6848	48.2243	0.0000	212,451.8139	212,451.8139	6.6356	0.0000	212,591.1613

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	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Energy	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.15 49	73,503.15 49	1.4088	1.3476	73,950.48 28
Mobile	394.1573	629.1348	3,966.924 2	16.6589	1,116.025 2	16.5889	1,132.614 1	298.1767	15.3231	313.4998		1,160,512. 8587	1,160,512. 8587	29.7191		1,161,136. 9596
Total	842.5154	695.3229	4,507.103 7	17.0526	1,116.025 2	23.9930	1,140.018 2	298.1767	22.7272	320.9038	0.0000	1,234,909. 6344	1,234,909. 6344	31.9823	1.3476	1,235,999. 0062

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	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Energy	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.15 49	73,503.15 49	1.4088	1.3476	73,950.48 28
Mobile	394.1573	629.1348	3,966.924 2	16.6589	1,116.025 2	16.5889	1,132.614 1	298.1767	15.3231	313.4998		1,160,512. 8587	1,160,512. 8587	29.7191		1,161,136. 9596
Total	842.5154	695.3229	4,507.103 7	17.0526	1,116.025 2	23.9930	1,140.018 2	298.1767	22.7272	320.9038	0.0000	1,234,909. 6344	1,234,909. 6344	31.9823	1.3476	1,235,999. 0062

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction - MLS Stadium	Building Construction	10/15/2016	10/31/2017	5	272	
3	Building Construction - RSPU	Building Construction	1/1/2017	9/16/2032	5	4099	
4	Paving - MLS Stadium	Paving	11/1/2017	1/15/2018	5	54	
5	Architectural Coating - MLS Stadium	Architectural Coating	11/1/2017	1/15/2018	5	54	
6	Building Construction - KPMC Phase 1	Building Construction	8/20/2018	7/16/2021	5	760	
7	Paving - KPMC Phase 1	Paving	7/19/2021	9/24/2021	5	50	
8	Architectural Coating - KPMC Phase 1	Architectural Coating	9/27/2021	12/3/2021	5	50	
9	Building Construction - KPMC Phase 2	Building Construction	5/16/2032	4/12/2035	5	759	
10	Paving - RSPU	Paving	9/17/2032	11/8/2033	5	298	
11	Architectural Coating - RSPU	Architectural Coating	11/9/2033	12/31/2034	5	298	
12	Paving - KPMC Phase 2	Paving	4/13/2035	6/19/2035	5	48	
13	Architectural Coating - KPMC Phase 2	Architectural Coating	6/20/2035	8/26/2035	5	48	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 244

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 593,550; Non-Residential Outdoor: 197,850 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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 - MLS Stadium	Cranes	1	7.00	226	0.29
Building Construction - MLS Stadium	Forklifts	3	8.00	89	0.20
Building Construction - MLS Stadium	Generator Sets	1	8.00	84	0.74
Building Construction - MLS Stadium	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - MLS Stadium	Welders	1	8.00	46	0.45
Building Construction - RSPU	Cranes	1	7.00	226	0.29
Building Construction - RSPU	Forklifts	3	8.00	89	0.20
Building Construction - RSPU	Generator Sets	1	8.00	84	0.74
Building Construction - RSPU	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - RSPU	Welders	1	8.00	46	0.45
Paving - MLS Stadium	Pavers	2	8.00	125	0.42
Paving - MLS Stadium	Paving Equipment	2	8.00	130	0.36
Paving - MLS Stadium	Rollers	2	8.00	80	0.38
Architectural Coating - MLS Stadium	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 1	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 1	Welders	1	8.00	46	0.45

Paving - KPMC Phase 1	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 1	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 1	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 2	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 2	Welders	1	8.00	46	0.45
Paving - RSPU	Pavers	2	8.00	125	0.42
Paving - RSPU	Paving Equipment	2	8.00	130	0.36
Paving - RSPU	Rollers	2	8.00	80	0.38
Architectural Coating - RSPU	Air Compressors	1	6.00	78	0.48
Paving - KPMC Phase 2	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 2	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 2	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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction - MLS Stadium	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - PSPU	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - MLS Stadium	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 1	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 1	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 2	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - PSPU	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 2	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					7.6078	0.0000	7.6078	3.5073	0.0000	3.5073			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	7.6078	3.5842	11.1920	3.5073	3.2975	6.8048		6,414.9807	6,414.9807	1.9350		6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.2 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4235	0.0000	3.4235	1.5783	0.0000	1.5783			0.0000			0.0000
Off-Road	6.4795	59.8510	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	59.8510	49.1374	0.0617	3.4235	3.5842	7.0077	1.5783	3.2975	4.8758	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.3 Building Construction - MLS Stadium - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.5773	196.6152	344.9715	0.5121	14.3793	3.2226	17.6020	4.0937	2.9593	7.0530		51,110.1740	51,110.1740	0.4021		51,118.6188
Worker	33.1149	29.7876	398.7483	0.8041	62.8566	0.4619	63.3184	16.6733	0.4243	17.0976		66,056.9236	66,056.9236	3.1911		66,123.9376
Total	62.6922	226.4028	743.7198	1.3161	77.2359	3.6845	80.9204	20.7670	3.3836	24.1506		117,167.0976	117,167.0976	3.5933		117,242.5564

3.3 Building Construction - MLS Stadium - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	22.8051	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	22.8051	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.5773	196.6152	344.9715	0.5121	14.3793	3.2226	17.6020	4.0937	2.9593	7.0530		51,110.1740	51,110.1740	0.4021		51,118.6188
Worker	33.1149	29.7876	398.7483	0.8041	62.8566	0.4619	63.3184	16.6733	0.4243	17.0976		66,056.9236	66,056.9236	3.1911		66,123.9376
Total	62.6922	226.4028	743.7198	1.3161	77.2359	3.6845	80.9204	20.7670	3.3836	24.1506		117,167.0976	117,167.0976	3.5933		117,242.5564

3.3 Building Construction - MLS Stadium - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.3 Building Construction - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.4 Building Construction - RSPU - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.4 Building Construction - RSPU - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.4 Building Construction - RSPU - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.4 Building Construction - RSPU - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.4 Building Construction - RSPU - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.4 Building Construction - RSPU - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555,6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555,6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.4 Building Construction - RSPU - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7311	92.9098	205.2241	0.5068	14.3959	1.8226	16.2185	4.1001	1.6769	5.7769		47,408.4667	47,408.4667	0.3457		47,415.7266
Worker	20.3148	17.8695	245.9074	0.7992	62.8566	0.4370	63.2936	16.6733	0.4054	17.0787		54,469.6649	54,469.6649	2.1464		54,514.7383
Total	35.0459	110.7793	451.1315	1.3060	77.2525	2.2597	79.5121	20.7733	2.0823	22.8556		101,878.1316	101,878.1316	2.4921		101,930.4649

3.4 Building Construction - RSPU - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7311	92.9098	205.2241	0.5068	14.3959	1.8226	16.2185	4.1001	1.6769	5.7769		47,408.4667	47,408.4667	0.3457		47,415.7266
Worker	20.3148	17.8695	245.9074	0.7992	62.8566	0.4370	63.2936	16.6733	0.4054	17.0787		54,469.6649	54,469.6649	2.1464		54,514.7383
Total	35.0459	110.7793	451.1315	1.3060	77.2525	2.2597	79.5121	20.7733	2.0823	22.8556		101,878.1316	101,878.1316	2.4921		101,930.4649

3.4 Building Construction - RSPU - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.8622	83.9477	196.9369	0.5066	14.4009	1.7130	16.1139	4.1020	1.5760	5.6780		47,401.30 65	47,401.30 65	0.3281		47,408.19 58
Worker	19.2953	16.8900	233.0849	0.7991	62.8566	0.4401	63.2966	16.6733	0.4082	17.0815		53,714.79 60	53,714.79 60	2.0646		53,758.15 24
Total	33.1575	100.8377	430.0218	1.3057	77.2575	2.1531	79.4105	20.7753	1.9842	22.7595		101,116.1 025	101,116.1 025	2.3927		101,166.3 482

3.4 Building Construction - RSPU - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.8622	83.9477	196.9369	0.5066	14.4009	1.7130	16.1139	4.1020	1.5760	5.6780		47,401.30 65	47,401.30 65	0.3281		47,408.19 58
Worker	19.2953	16.8900	233.0849	0.7991	62.8566	0.4401	63.2966	16.6733	0.4082	17.0815		53,714.79 60	53,714.79 60	2.0646		53,758.15 24
Total	33.1575	100.8377	430.0218	1.3057	77.2575	2.1531	79.4105	20.7753	1.9842	22.7595		101,116.1 025	101,116.1 025	2.3927		101,166.3 482

3.4 Building Construction - RSPU - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.6450	83.0188	193.0585	0.5071	14.4063	1.7213	16.1276	4.1041	1.5836	5.6877		47,455.9261	47,455.9261	0.3295		47,462.8462
Worker	18.3939	16.0604	222.4977	0.7990	62.8566	0.4434	63.3000	16.6733	0.4114	17.0847		53,050.7786	53,050.7786	1.9954		53,092.6815
Total	32.0389	99.0793	415.5561	1.3061	77.2629	2.1647	79.4276	20.7774	1.9950	22.7724		100,506.7047	100,506.7047	2.3249		100,555.5277

3.4 Building Construction - RSPU - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.6450	83.0188	193.0585	0.5071	14.4063	1.7213	16.1276	4.1041	1.5836	5.6877		47,455.9261	47,455.9261	0.3295		47,462.8462
Worker	18.3939	16.0604	222.4977	0.7990	62.8566	0.4434	63.3000	16.6733	0.4114	17.0847		53,050.7786	53,050.7786	1.9954		53,092.6815
Total	32.0389	99.0793	415.5561	1.3061	77.2629	2.1647	79.4276	20.7774	1.9950	22.7724		100,506.7047	100,506.7047	2.3249		100,555.5277

3.4 Building Construction - RSPU - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.4175	82.1406	189.4787	0.5074	14.4101	1.7269	16.1370	4.1055	1.5888	5.6943		47,496.6016	47,496.6016	0.3307		47,503.5452
Worker	17.6498	15.3703	213.8031	0.7989	62.8566	0.4475	63.3041	16.6733	0.4152	17.0885		52,474.1047	52,474.1047	1.9380		52,514.8018
Total	31.0674	97.5109	403.2818	1.3064	77.2667	2.1744	79.4411	20.7788	2.0040	22.7828		99,970.7063	99,970.7063	2.2686		100,018.3470

3.4 Building Construction - RSPU - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.4175	82.1406	189.4787	0.5074	14.4101	1.7269	16.1370	4.1055	1.5888	5.6943		47,496.6016	47,496.6016	0.3307		47,503.5452
Worker	17.6498	15.3703	213.8031	0.7989	62.8566	0.4475	63.3041	16.6733	0.4152	17.0885		52,474.1047	52,474.1047	1.9380		52,514.8018
Total	31.0674	97.5109	403.2818	1.3064	77.2667	2.1744	79.4411	20.7788	2.0040	22.7828		99,970.7063	99,970.7063	2.2686		100,018.3470

3.4 Building Construction - RSPU - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.2546	81.2164	186.5449	0.5078	14.4139	1.7273	16.1412	4.1070	1.5891	5.6961		47,538.8185	47,538.8185	0.3312		47,545.7727
Worker	16.9902	14.7944	206.5743	0.7989	62.8566	0.4523	63.3089	16.6733	0.4197	17.0929		51,982.1334	51,982.1334	1.8902		52,021.8270
Total	30.2448	96.0108	393.1192	1.3067	77.2705	2.1796	79.4501	20.7802	2.0088	22.7890		99,520.9519	99,520.9519	2.2213		99,567.5996

3.4 Building Construction - RSPU - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.2546	81.2164	186.5449	0.5078	14.4139	1.7273	16.1412	4.1070	1.5891	5.6961		47,538.8185	47,538.8185	0.3312		47,545.7727
Worker	16.9902	14.7944	206.5743	0.7989	62.8566	0.4523	63.3089	16.6733	0.4197	17.0929		51,982.1334	51,982.1334	1.8902		52,021.8270
Total	30.2448	96.0108	393.1192	1.3067	77.2705	2.1796	79.4501	20.7802	2.0088	22.7890		99,520.9519	99,520.9519	2.2213		99,567.5996

3.4 Building Construction - RSPU - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1652	80.4915	184.3327	0.5082	14.4179	1.7307	16.1486	4.1085	1.5923	5.7008		47,578.0028	47,578.0028	0.3320		47,584.9751
Worker	16.3681	14.2836	200.1887	0.7989	62.8566	0.4564	63.3130	16.6733	0.4234	17.0967		51,557.2717	51,557.2717	1.8473		51,596.0650
Total	29.5333	94.7751	384.5215	1.3071	77.2745	2.1871	79.4616	20.7818	2.0157	22.7975		99,135.2745	99,135.2745	2.1793		99,181.0401

3.4 Building Construction - RSPU - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1652	80.4915	184.3327	0.5082	14.4179	1.7307	16.1486	4.1085	1.5923	5.7008		47,578.0028	47,578.0028	0.3320		47,584.9751
Worker	16.3681	14.2836	200.1887	0.7989	62.8566	0.4564	63.3130	16.6733	0.4234	17.0967		51,557.2717	51,557.2717	1.8473		51,596.0650
Total	29.5333	94.7751	384.5215	1.3071	77.2745	2.1871	79.4616	20.7818	2.0157	22.7975		99,135.2745	99,135.2745	2.1793		99,181.0401

3.4 Building Construction - RSPU - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.0172	79.8299	181.7611	0.5084	14.4211	1.7317	16.1527	4.1097	1.5932	5.7029		47,607.6371	47,607.6371	0.3325		47,614.6190
Worker	15.7889	13.8263	194.6099	0.7989	62.8566	0.4601	63.3167	16.6733	0.4269	17.1001		51,194.2634	51,194.2634	1.8090		51,232.2522
Total	28.8061	93.6561	376.3709	1.3073	77.2777	2.1917	79.4694	20.7830	2.0200	22.8030		98,801.9006	98,801.9006	2.1415		98,846.8712

3.4 Building Construction - RSPU - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.0172	79.8299	181.7611	0.5084	14.4211	1.7317	16.1527	4.1097	1.5932	5.7029		47,607.6371	47,607.6371	0.3325		47,614.6190
Worker	15.7889	13.8263	194.6099	0.7989	62.8566	0.4601	63.3167	16.6733	0.4269	17.1001		51,194.2634	51,194.2634	1.8090		51,232.2522
Total	28.8061	93.6561	376.3709	1.3073	77.2777	2.1917	79.4694	20.7830	2.0200	22.8030		98,801.9006	98,801.9006	2.1415		98,846.8712

3.4 Building Construction - RSPU - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9233	79.2821	179.8468	0.5087	14.4242	1.7325	16.1567	4.1109	1.5940	5.7049		47,634.7616	47,634.7616	0.3329		47,641.7519
Worker	15.2052	13.3891	189.2385	0.7989	62.8566	0.4629	63.3195	16.6733	0.4295	17.1028		50,884.3556	50,884.3556	1.7721		50,921.5689
Total	28.1286	92.6712	369.0853	1.3076	77.2807	2.1955	79.4762	20.7842	2.0235	22.8077		98,519.1172	98,519.1172	2.1049		98,563.3208

3.4 Building Construction - RSPU - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9233	79.2821	179.8468	0.5087	14.4242	1.7325	16.1567	4.1109	1.5940	5.7049		47,634.7616	47,634.7616	0.3329		47,641.7519
Worker	15.2052	13.3891	189.2385	0.7989	62.8566	0.4629	63.3195	16.6733	0.4295	17.1028		50,884.3556	50,884.3556	1.7721		50,921.5689
Total	28.1286	92.6712	369.0853	1.3076	77.2807	2.1955	79.4762	20.7842	2.0235	22.8077		98,519.1172	98,519.1172	2.1049		98,563.3208

3.4 Building Construction - RSPU - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8679	78.7846	178.8491	0.5089	14.4272	1.7336	16.1608	4.1121	1.5950	5.7071		47,662.9011	47,662.9011	0.3333		47,669.9001
Worker	14.6454	12.9923	184.5692	0.7989	62.8566	0.4651	63.3216	16.6733	0.4315	17.1048		50,622.7842	50,622.7842	1.7383		50,659.2883
Total	27.5134	91.7769	363.4183	1.3079	77.2837	2.1987	79.4824	20.7854	2.0265	22.8119		98,285.6853	98,285.6853	2.0716		98,329.1884

3.4 Building Construction - RSPU - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8679	78.7846	178.8491	0.5089	14.4272	1.7336	16.1608	4.1121	1.5950	5.7071		47,662.9011	47,662.9011	0.3333		47,669.9001
Worker	14.6454	12.9923	184.5692	0.7989	62.8566	0.4651	63.3216	16.6733	0.4315	17.1048		50,622.7842	50,622.7842	1.7383		50,659.2883
Total	27.5134	91.7769	363.4183	1.3079	77.2837	2.1987	79.4824	20.7854	2.0265	22.8119		98,285.6853	98,285.6853	2.0716		98,329.1884

3.4 Building Construction - RSPU - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8365	78.3882	177.9514	0.5092	14.4307	1.7357	16.1664	4.1135	1.5969	5.7104		47,694.9251	47,694.9251	0.3338		47,701.9342
Worker	14.1186	12.6229	180.3426	0.7990	62.8566	0.4664	63.3230	16.6733	0.4327	17.1060		50,403.8889	50,403.8889	1.7076		50,439.7492
Total	26.9551	91.0111	358.2940	1.3082	77.2873	2.2021	79.4894	20.7868	2.0296	22.8164		98,098.8140	98,098.8140	2.0414		98,141.6834

3.4 Building Construction - RSPU - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8365	78.3882	177.9514	0.5092	14.4307	1.7357	16.1664	4.1135	1.5969	5.7104		47,694.9251	47,694.9251	0.3338		47,701.9342
Worker	14.1186	12.6229	180.3426	0.7990	62.8566	0.4664	63.3230	16.6733	0.4327	17.1060		50,403.8889	50,403.8889	1.7076		50,439.7492
Total	26.9551	91.0111	358.2940	1.3082	77.2873	2.2021	79.4894	20.7868	2.0296	22.8164		98,098.8140	98,098.8140	2.0414		98,141.6834

3.4 Building Construction - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.4 Building Construction - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.5 Paving - MLS Stadium - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917
Total	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917

3.5 Paving - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917
Total	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917

3.5 Paving - MLS Stadium - 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	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817
Total	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817

3.5 Paving - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817
Total	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	102.2251	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.3722	12,693.3722	0.5824		12,705.6022
Total	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.3722	12,693.3722	0.5824		12,705.6022

3.6 Architectural Coating - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	1.7480	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	102.2251	1.7480	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22
Total	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	102.1914	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818
Total	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818

3.6 Architectural Coating - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	1.6046	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	102.1914	1.6046	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818
Total	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818

3.7 Building Construction - KPMC Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.7 Building Construction - KPMC Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.7 Building Construction - KPMC Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.7 Building Construction - KPMC Phase 1 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.7 Building Construction - KPMC Phase 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.7 Building Construction - KPMC Phase 1 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.7 Building Construction - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.7 Building Construction - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555,6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555,6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.8 Paving - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113
Total	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113

3.8 Paving - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113
Total	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113

3.9 Architectural Coating - KPMC Phase 1 - 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	199.6768					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	199.8957	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234
Total	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234

3.9 Architectural Coating - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	199.6768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537
Total	199.8957	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234
Total	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234

3.10 Building Construction - KPMC Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.10 Building Construction - KPMC Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.10 Building Construction - KPMC Phase 2 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7744	77.7127	176.5814	0.5098	14.4378	1.7390	16.1768	4.1164	1.5999	5.7162		47,752.7695	47,752.7695	0.3346		47,759.7951
Worker	13.2208	12.0415	173.8190	0.7990	62.8566	0.4681	63.3246	16.6733	0.4343	17.1076		50,071.0157	50,071.0157	1.6581		50,105.8351
Total	25.9952	89.7542	350.4004	1.3088	77.2944	2.2071	79.5015	20.7896	2.0342	22.8238		97,823.7852	97,823.7852	1.9926		97,865.6301

3.10 Building Construction - KPMC Phase 2 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7744	77.7127	176.5814	0.5098	14.4378	1.7390	16.1768	4.1164	1.5999	5.7162		47,752.7695	47,752.7695	0.3346		47,759.7951
Worker	13.2208	12.0415	173.8190	0.7990	62.8566	0.4681	63.3246	16.6733	0.4343	17.1076		50,071.0157	50,071.0157	1.6581		50,105.8351
Total	25.9952	89.7542	350.4004	1.3088	77.2944	2.2071	79.5015	20.7896	2.0342	22.8238		97,823.7852	97,823.7852	1.9926		97,865.6301

3.10 Building Construction - KPMC Phase 2 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7554	77.4222	175.9700	0.5101	14.4411	1.7401	16.1811	4.1176	1.6009	5.7185		47,779.9528	47,779.9528	0.3349		47,786.9850
Worker	12.7841	11.8151	170.9708	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,943.4816	49,943.4816	1.6365		49,977.8486
Total	25.5395	89.2373	346.9408	1.3091	77.2976	2.2083	79.5059	20.7909	2.0353	22.8262		97,723.4344	97,723.4344	1.9714		97,764.8336

3.10 Building Construction - KPMC Phase 2 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7554	77.4222	175.9700	0.5101	14.4411	1.7401	16.1811	4.1176	1.6009	5.7185		47,779.9528	47,779.9528	0.3349		47,786.9850
Worker	12.7841	11.8151	170.9708	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,943.4816	49,943.4816	1.6365		49,977.8486
Total	25.5395	89.2373	346.9408	1.3091	77.2976	2.2083	79.5059	20.7909	2.0353	22.8262		97,723.4344	97,723.4344	1.9714		97,764.8336

3.10 Building Construction - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7226	77.1612	175.3174	0.5103	14.4439	1.7403	16.1842	4.1188	1.6011	5.7198		47,803.5465	47,803.5465	0.3351		47,810.5839
Worker	12.4048	11.6380	168.5213	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,837.7056	49,837.7056	1.6180		49,871.6837
Total	25.1274	88.7991	343.8387	1.3093	77.3005	2.2085	79.5090	20.7921	2.0355	22.8275		97,641.2520	97,641.2520	1.9531		97,682.2676

3.10 Building Construction - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	5.7208	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	5.7208	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7226	77.1612	175.3174	0.5103	14.4439	1.7403	16.1842	4.1188	1.6011	5.7198		47,803.5465	47,803.5465	0.3351		47,810.5839
Worker	12.4048	11.6380	168.5213	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,837.7056	49,837.7056	1.6180		49,871.6837
Total	25.1274	88.7991	343.8387	1.3093	77.3005	2.2085	79.5090	20.7921	2.0355	22.8275		97,641.2520	97,641.2520	1.9531		97,682.2676

3.11 Paving - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655
Total	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655

3.11 Paving - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655
Total	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655

3.11 Paving - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164
Total	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164

3.11 Paving - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164
Total	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164

3.12 Architectural Coating - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926
Total	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926

3.12 Architectural Coating - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926
Total	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926

3.12 Architectural Coating - RSPU - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891
Total	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891

3.12 Architectural Coating - RSPU - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891
Total	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891

3.13 Paving - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.13 Paving - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.14 Architectural Coating - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	147.7406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665
Total	147.8585	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510
Total	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510

3.14 Architectural Coating - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	147.7406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	147.8585	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510
Total	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510

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	394.1573	629.1348	3,966.924 2	16.6589	1,116.025 2	16.5889	1,132.614 1	298.1767	15.3231	313.4998		1,160,512. 8587	1,160,512. 8587	29.7191		1,161,136. 9596
Unmitigated	394.1573	629.1348	3,966.924 2	16.6589	1,116.025 2	16.5889	1,132.614 1	298.1767	15.3231	313.4998		1,160,512. 8587	1,160,512. 8587	29.7191		1,161,136. 9596

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	25,080.00	25,080.00	25080.00	72,485,213	72,485,213
Arena	19,444.70	19,444.70	19444.70	90,904,624	90,904,624
City Park	0.00	0.00	0.00		
General Office Building	50,109.29	50,109.29	50109.29	126,492,885	126,492,885
Hardware/Paint Store	1,600.20	1,600.20	1600.20	3,474,450	3,474,450
Hospital	30,319.32	30,319.32	30319.32	94,139,063	94,139,063
Hotel	8,987.00	8,987.00	8987.00	20,461,781	20,461,781
Strip Mall	53,395.00	53,395.00	53395.00	118,849,795	118,849,795
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	188,935.51	188,935.51	188,935.51	526,807,812	526,807,812

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 Mid Rise	10.00	5.00	6.50	46.50	12.50	41.00	100	0	0
Arena	24.30	12.15	15.80	0.00	81.00	19.00	100	0	0
City Park	10.00	5.00	6.50	33.00	48.00	19.00	100	0	0
General Office Building	10.00	5.00	6.50	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	10.00	5.00	6.50	13.60	67.40	19.00	100	0	0
Hospital	10.00	5.00	6.50	64.90	16.10	19.00	100	0	0
Hotel	10.00	5.00	6.50	19.40	61.60	19.00	100	0	0
Strip Mall	10.00	5.00	6.50	16.60	64.40	19.00	100	0	0
Unenclosed Parking Structure	10.00	5.00	6.50	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828
NaturalGas Unmitigated	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

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					
Arena	33477.3	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
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	130440	1.4067	12.7883	10.7421	0.0767		0.9719	0.9719		0.9719	0.9719		15,345.8953	15,345.8953	0.2941	0.2813	15,439.2878
Hardware/Paint Store	2204.38	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hospital	179187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Hotel	138322	1.4917	13.5610	11.3912	0.0814		1.0306	1.0306		1.0306	1.0306		16,273.1642	16,273.1642	0.3119	0.2983	16,372.2000
Strip Mall	11083.2	0.1195	1.0866	0.9127	6.5200e-003		0.0826	0.0826		0.0826	0.0826		1,303.9001	1,303.9001	0.0250	0.0239	1,311.8354
Unenclosed Parking Structure	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
Apartments Mid Rise	130063	1.4026	11.9862	5.1005	0.0765		0.9691	0.9691		0.9691	0.9691		15,301.5181	15,301.5181	0.2933	0.2805	15,394.6406
Total		6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

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	130.44	1.4067	12.7883	10.7421	0.0767		0.9719	0.9719		0.9719	0.9719		15,345.8953	15,345.8953	0.2941	0.2813	15,439.2878
Hardware/Paint Store	2.20438	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hospital	179.187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Hotel	138.322	1.4917	13.5610	11.3912	0.0814		1.0306	1.0306		1.0306	1.0306		16,273.1642	16,273.1642	0.3119	0.2983	16,372.2000
Strip Mall	11.0832	0.1195	1.0866	0.9127	6.5200e-003		0.0826	0.0826		0.0826	0.0826		1,303.9001	1,303.9001	0.0250	0.0239	1,311.8354
Unenclosed Parking Structure	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
Apartments Mid Rise	130.063	1.4026	11.9862	5.1005	0.0765		0.9691	0.9691		0.9691	0.9691		15,301.5181	15,301.5181	0.2933	0.2805	15,394.6406
Arena	33.4773	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
Total		6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Unmitigated	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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	62.5523					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	364.2216					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	14.8464	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489		893.6209	893.6209	0.8544		911.5638
Total	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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	62.5523					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	364.2216					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	14.8464	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489		893.6209	893.6209	0.8544		911.5638
Total	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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

RSPU - Construction & Operations - Non MLS Event - Unadjusted Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,543.00	1000sqft	104.29	4,543,000.00	0
Hospital	1,228.00	1000sqft	28.19	1,228,000.00	0
Unenclosed Parking Structure	2,160.00	Space	19.44	864,000.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Arena	395.70	1000sqft	127.19	395,700.00	0
Apartments Mid Rise	6,000.00	Dwelling Unit	157.89	6,000,000.00	16020
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	905.00	1000sqft	20.78	905,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Off-road Equipment - Used CalEEMod default equipment type for the architectural coating phase.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for architectural coating.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for building construction.

Off-road Equipment - Used CalEEMod default equipment type for grading.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Off-road Equipment - Used CalEEMod default equipment type for paving.

Trips and VMT - Assumed 750,000 cy of soil would be imported to the project site during grading.

Grading - Assumes 750,000 cubic yards of soil imported

Architectural Coating - Updated the interior and exterior square footage for the MLS Stadium, KPMC, and RSPU.

Vehicle Trips - Trip generation rates were provided by F&P

Area Coating -

Energy Use - Adjusted energy intensity rates to reflect the latest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	255,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	197,850.00

tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	2,556,911.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,509,850.00	359,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	765,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	593,550.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	7,670,733.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	16,529,550.00	1,077,005.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	4,050,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	12,150,000.00	0.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00

tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
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tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
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tblConstructionPhase	NumDays	660.00	48.00
tblConstructionPhase	NumDays	660.00	54.00
tblConstructionPhase	NumDays	660.00	50.00
tblConstructionPhase	NumDays	9,300.00	272.00
tblConstructionPhase	NumDays	9,300.00	4,099.00
tblConstructionPhase	NumDays	9,300.00	760.00
tblConstructionPhase	NumDays	9,300.00	759.00
tblConstructionPhase	NumDays	930.00	261.00
tblConstructionPhase	NumDays	660.00	298.00
tblConstructionPhase	NumDays	660.00	48.00
tblConstructionPhase	NumDays	660.00	54.00
tblConstructionPhase	NumDays	660.00	50.00
tblConstructionPhase	PhaseEndDate	12/29/2034	12/31/2034
tblConstructionPhase	PhaseEndDate	8/24/2035	8/26/2035
tblConstructionPhase	PhaseEndDate	3/30/2018	1/15/2018
tblConstructionPhase	PhaseEndDate	1/16/2018	10/31/2017
tblConstructionPhase	PhaseEndDate	7/18/2033	9/16/2032

tblConstructionPhase	PhaseEndDate	12/14/2020	7/16/2021
tblConstructionPhase	PhaseEndDate	10/31/2024	4/12/2035
tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblConstructionPhase	PhaseEndDate	6/3/2036	11/8/2033
tblConstructionPhase	PhaseEndDate	3/7/2035	6/19/2035
tblConstructionPhase	PhaseEndDate	12/1/2032	1/15/2018
tblConstructionPhase	PhaseStartDate	1/16/2018	11/1/2017
tblConstructionPhase	PhaseStartDate	9/25/2021	9/27/2021
tblConstructionPhase	PhaseStartDate	1/1/2017	10/15/2016
tblConstructionPhase	PhaseStartDate	11/1/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	1/16/2018	8/20/2018
tblConstructionPhase	PhaseStartDate	12/4/2021	5/16/2032
tblConstructionPhase	PhaseStartDate	4/13/2035	9/17/2032
tblConstructionPhase	PhaseStartDate	1/1/2035	4/13/2035
tblConstructionPhase	PhaseStartDate	9/17/2032	11/1/2017
tblConstructionPhase	PhaseStartDate	7/17/2021	7/19/2021
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	6.08	4.56
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24E	9.62	7.22
tblEnergyUse	T24E	4.39	3.29
tblEnergyUse	T24E	4.17	3.13
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24NG	8,261.25	6,195.94
tblEnergyUse	T24NG	13.07	9.80
tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	58.20	43.65
tblEnergyUse	T24NG	34.77	26.08

tblEnergyUse	T24NG	24.61	18.46
tblEnergyUse	T24NG	4.72	3.54
tblGrading	AcresOfGrading	652.50	244.00
tblGrading	MaterialExported	0.00	750,000.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	HaulingTripLength	20.00	15.00
tblTripsAndVMT	HaulingTripNumber	93,750.00	107,143.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	29.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	0.28	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	26.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	0.60	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	73.00	100.00

tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	0.66	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	4.18
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	82.52	8.89
tblVehicleTrips	ST_TR	10.18	24.69
tblVehicleTrips	ST_TR	8.19	8.17
tblVehicleTrips	ST_TR	10.71	0.51
tblVehicleTrips	ST_TR	42.04	59.00
tblVehicleTrips	SU_TR	6.07	4.18
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	68.65	8.89
tblVehicleTrips	SU_TR	8.91	24.69
tblVehicleTrips	SU_TR	5.95	8.17
tblVehicleTrips	SU_TR	10.71	0.51
tblVehicleTrips	SU_TR	20.43	59.00
tblVehicleTrips	WD_TR	6.59	4.18
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	51.29	8.89
tblVehicleTrips	WD_TR	16.50	24.69
tblVehicleTrips	WD_TR	10.71	0.51
tblVehicleTrips	WD_TR	44.32	59.00

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	81.2324	407.5484	927.0078	1.6312	90.3351	10.4211	100.7562	25.7755	9.6183	35.3938	0.0000	148,932.1 412	148,932.1 412	6.3593	0.0000	149,065.6 861
2017	168.2791	454.3267	1,368.036 3	2.6828	154.4791	9.8873	164.3664	41.5369	9.1588	50.6957	0.0000	232,682.7 370	232,682.7 370	7.8714	0.0000	232,848.0 354
2018	159.5517	408.4243	1,218.163 7	2.6782	154.4727	8.8552	163.3279	41.5345	8.2071	49.7416	0.0000	225,979.7 972	225,979.7 972	7.3659	0.0000	226,134.4 803
2019	91.9017	371.6449	1,131.432 5	2.6690	154.4802	8.0524	162.5325	41.5372	7.4633	49.0005	0.0000	219,378.1 896	219,378.1 896	6.9516	0.0000	219,524.1 722
2020	82.4687	326.6423	1,036.079 4	2.6667	154.4857	7.2108	161.6965	41.5395	6.6848	48.2243	0.0000	212,451.8 139	212,451.8 139	6.6356	0.0000	212,591.1 613
2021	242.6236	280.2092	975.3882	2.6656	154.4938	6.4901	160.9839	41.5425	6.0162	47.5587	0.0000	210,500.6 949	210,500.6 949	6.3909	0.0000	210,634.9 039
2022	36.7451	126.3157	467.4591	1.3328	77.2525	3.0654	80.3178	20.7733	2.8404	23.6137	0.0000	104,421.8 813	104,421.8 813	3.1006	0.0000	104,486.9 936
2023	34.7236	115.1503	446.2311	1.3325	77.2575	2.8498	80.1072	20.7753	2.6399	23.4151	0.0000	103,660.7 287	103,660.7 287	2.9971	0.0000	103,723.6 673
2024	33.5042	112.4567	431.6893	1.3329	77.2629	2.7753	80.0382	20.7774	2.5694	23.3467	0.0000	103,051.8 201	103,051.8 201	2.9258	0.0000	103,113.2 626
2025	32.4288	109.9205	419.3336	1.3332	77.2667	2.6994	79.9661	20.7788	2.4979	23.2767	0.0000	102,516.5 968	102,516.5 968	2.8661	0.0000	102,576.7 856
2026	31.6062	108.4205	409.1710	1.3336	77.2705	2.7046	79.9751	20.7802	2.5027	23.2829	0.0000	102,066.8 424	102,066.8 424	2.8189	0.0000	102,126.0 382
2027	30.8948	107.1848	400.5732	1.3339	77.2745	2.7121	79.9866	20.7818	2.5096	23.2914	0.0000	101,681.1 650	101,681.1 650	2.7768	0.0000	101,739.4 787
2028	30.1675	106.0658	392.4227	1.3342	77.2777	2.7167	79.9944	20.7830	2.5139	23.2969	0.0000	101,347.7 911	101,347.7 911	2.7390	0.0000	101,405.3 097
2029	29.4900	105.0809	385.1371	1.3344	77.2807	2.7205	80.0012	20.7842	2.5174	23.3016	0.0000	101,065.0 078	101,065.0 078	2.7025	0.0000	101,121.7 593
2030	28.8175	99.6948	379.5497	1.3387	77.2837	2.3463	79.6300	20.7854	2.1741	22.9595	0.0000	101,170.5 153	101,170.5 153	2.1874	0.0000	101,216.4 501

	ROG	NOx	CO	SO2	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					
2031	28.2592	98.9290	374.4254	1.3390	77.2873	2.3497	79.6370	20.7868	2.1772	22.9640	0.0000	100,983.6440	100,983.6440	2.1572	0.0000	101,028.9451
2032	55.4561	196.5244	740.0810	2.6787	154.5818	4.7051	159.2869	41.5765	4.3596	45.9361	0.0000	201,662.9618	201,662.9618	4.2614	0.0000	201,752.4511
2033	520.6611	104.6958	403.1016	1.5025	89.8688	2.6797	92.3374	24.1251	2.5067	26.4140	0.0000	111,006.6902	111,006.6902	2.4515	0.0000	111,058.1717
2034	520.1180	100.3751	399.0723	1.5027	89.8720	2.4699	92.3419	24.1264	2.2901	26.4165	0.0000	110,880.8265	110,880.8265	2.4260	0.0000	110,931.7716
2035	150.3401	95.9501	359.9309	1.3402	77.3005	2.2986	79.5990	20.7921	2.1255	22.9176	0.0000	100,526.0820	100,526.0820	2.0606	0.0000	100,569.3554
Total	2,389.2694	3,835.5600	12,664.2858	35.3628	2,047.0835	90.0098	2,136.8822	551.8922	83.3729	635.0473	0.0000	2,795,967.9267	2,795,967.9267	80.0454	0.0000	2,797,648.8791

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	81.2324	386.8844	927.0078	1.6312	86.1508	10.4211	96.5719	23.8465	9.6183	33.4648	0.0000	148,932.1412	148,932.1412	6.3593	0.0000	149,065.6861
2017	168.2791	443.7645	1,368.0363	2.6828	154.4791	9.8873	164.3664	41.5369	9.1588	50.6957	0.0000	232,682.7370	232,682.7370	7.8714	0.0000	232,848.0354
2018	159.5517	399.1200	1,218.1637	2.6782	154.4727	8.8552	163.3279	41.5345	8.2071	49.7416	0.0000	225,979.7972	225,979.7972	7.3659	0.0000	226,134.4803
2019	91.9017	363.2589	1,131.4325	2.6690	154.4802	8.0524	162.5325	41.5372	7.4633	49.0005	0.0000	219,378.1896	219,378.1896	6.9516	0.0000	219,524.1722
2020	82.4687	319.0087	1,036.0794	2.6667	154.4857	7.2108	161.6965	41.5395	6.6848	48.2243	0.0000	212,451.8139	212,451.8139	6.6356	0.0000	212,591.1613
2021	242.6236	273.2731	975.3882	2.6656	154.4938	6.4901	160.9839	41.5425	6.0162	47.5587	0.0000	210,500.6949	210,500.6949	6.3909	0.0000	210,634.9039
2022	36.7451	123.2084	467.4591	1.3328	77.2525	3.0654	80.3178	20.7733	2.8404	23.6137	0.0000	104,421.8813	104,421.8813	3.1006	0.0000	104,486.9936

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	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Energy	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.15 49	73,503.15 49	1.4088	1.3476	73,950.48 28
Mobile	346.1650	530.9057	3,341.461 6	13.8301	924.2692	13.8847	938.1539	246.9438	12.8258	259.7696		963,487.5 766	963,487.5 766	24.7608		964,007.5 523
Total	794.5230	597.0937	3,881.641 1	14.2238	924.2692	21.2888	945.5580	246.9438	20.2298	267.1736	0.0000	1,037,884. 3524	1,037,884. 3524	27.0240	1.3476	1,038,869. 5989

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	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Energy	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.15 49	73,503.15 49	1.4088	1.3476	73,950.48 28
Mobile	346.1650	530.9057	3,341.461 6	13.8301	924.2692	13.8847	938.1539	246.9438	12.8258	259.7696		963,487.5 766	963,487.5 766	24.7608		964,007.5 523
Total	794.5230	597.0937	3,881.641 1	14.2238	924.2692	21.2888	945.5580	246.9438	20.2298	267.1736	0.0000	1,037,884. 3524	1,037,884. 3524	27.0240	1.3476	1,038,869. 5989

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction - MLS Stadium	Building Construction	10/15/2016	10/31/2017	5	272	
3	Building Construction - RSPU	Building Construction	1/1/2017	9/16/2032	5	4099	
4	Paving - MLS Stadium	Paving	11/1/2017	1/15/2018	5	54	
5	Architectural Coating - MLS Stadium	Architectural Coating	11/1/2017	1/15/2018	5	54	
6	Building Construction - KPMC Phase 1	Building Construction	8/20/2018	7/16/2021	5	760	
7	Paving - KPMC Phase 1	Paving	7/19/2021	9/24/2021	5	50	
8	Architectural Coating - KPMC Phase 1	Architectural Coating	9/27/2021	12/3/2021	5	50	
9	Building Construction - KPMC Phase 2	Building Construction	5/16/2032	4/12/2035	5	759	
10	Paving - RSPU	Paving	9/17/2032	11/8/2033	5	298	
11	Architectural Coating - RSPU	Architectural Coating	11/9/2033	12/31/2034	5	298	
12	Paving - KPMC Phase 2	Paving	4/13/2035	6/19/2035	5	48	
13	Architectural Coating - KPMC Phase 2	Architectural Coating	6/20/2035	8/26/2035	5	48	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 244

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 593,550; Non-Residential Outdoor: 197,850 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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 - MLS Stadium	Cranes	1	7.00	226	0.29
Building Construction - MLS Stadium	Forklifts	3	8.00	89	0.20
Building Construction - MLS Stadium	Generator Sets	1	8.00	84	0.74
Building Construction - MLS Stadium	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - MLS Stadium	Welders	1	8.00	46	0.45
Building Construction - RSPU	Cranes	1	7.00	226	0.29
Building Construction - RSPU	Forklifts	3	8.00	89	0.20
Building Construction - RSPU	Generator Sets	1	8.00	84	0.74
Building Construction - RSPU	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - RSPU	Welders	1	8.00	46	0.45
Paving - MLS Stadium	Pavers	2	8.00	125	0.42
Paving - MLS Stadium	Paving Equipment	2	8.00	130	0.36
Paving - MLS Stadium	Rollers	2	8.00	80	0.38
Architectural Coating - MLS Stadium	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 1	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 1	Welders	1	8.00	46	0.45

Paving - KPMC Phase 1	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 1	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 1	Air Compressors	1	6.00	78	0.48
Building Construction - KPMC Phase 2	Cranes	1	7.00	226	0.29
Building Construction - KPMC Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - KPMC Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - KPMC Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - KPMC Phase 2	Welders	1	8.00	46	0.45
Paving - RSPU	Pavers	2	8.00	125	0.42
Paving - RSPU	Paving Equipment	2	8.00	130	0.36
Paving - RSPU	Rollers	2	8.00	80	0.38
Architectural Coating - RSPU	Air Compressors	1	6.00	78	0.48
Paving - KPMC Phase 2	Pavers	2	8.00	125	0.42
Paving - KPMC Phase 2	Paving Equipment	2	8.00	130	0.36
Paving - KPMC Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - KPMC Phase 2	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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction - MLS Stadium	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - PSPU	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - MLS Stadium	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - MLS Stadium	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 1	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 1	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 1	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - KPMC Phase 2	9	8,263.00	2,448.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - RSPU	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - PSPU	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving - KPMC Phase 2	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - KPMC Phase 2	1	1,653.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 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					7.6078	0.0000	7.6078	3.5073	0.0000	3.5073			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	7.6078	3.5842	11.1920	3.5073	3.2975	6.8048		6,414.9807	6,414.9807	1.9350		6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.2 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4235	0.0000	3.4235	1.5783	0.0000	1.5783			0.0000			0.0000
Off-Road	6.4795	59.8510	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	59.8510	49.1374	0.0617	3.4235	3.5842	7.0077	1.5783	3.2975	4.8758	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.3 Building Construction - MLS Stadium - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.5773	196.6152	344.9715	0.5121	14.3793	3.2226	17.6020	4.0937	2.9593	7.0530		51,110.1740	51,110.1740	0.4021		51,118.6188
Worker	33.1149	29.7876	398.7483	0.8041	62.8566	0.4619	63.3184	16.6733	0.4243	17.0976		66,056.9236	66,056.9236	3.1911		66,123.9376
Total	62.6922	226.4028	743.7198	1.3161	77.2359	3.6845	80.9204	20.7670	3.3836	24.1506		117,167.0976	117,167.0976	3.5933		117,242.5564

3.3 Building Construction - MLS Stadium - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	22.8051	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	22.8051	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.5773	196.6152	344.9715	0.5121	14.3793	3.2226	17.6020	4.0937	2.9593	7.0530		51,110.1740	51,110.1740	0.4021		51,118.6188
Worker	33.1149	29.7876	398.7483	0.8041	62.8566	0.4619	63.3184	16.6733	0.4243	17.0976		66,056.9236	66,056.9236	3.1911		66,123.9376
Total	62.6922	226.4028	743.7198	1.3161	77.2359	3.6845	80.9204	20.7670	3.3836	24.1506		117,167.0976	117,167.0976	3.5933		117,242.5564

3.3 Building Construction - MLS Stadium - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.3 Building Construction - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	25.5047	174.1293	308.9193	0.5108	14.3830	2.7162	17.0991	4.0952	2.4948	6.5900		50,250.0603	50,250.0603	0.3748		50,257.9306
Worker	29.5258	26.6284	356.9697	0.8038	62.8566	0.4463	63.3029	16.6733	0.4116	17.0849		63,451.5030	63,451.5030	2.9112		63,512.6381
Total	55.0305	200.7577	665.8890	1.3146	77.2396	3.1624	80.4020	20.7685	2.9064	23.6749		113,701.5632	113,701.5632	3.2860		113,770.5687

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.4 Building Construction - RSPU - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.4 Building Construction - RSPU - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.4 Building Construction - RSPU - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.4 Building Construction - RSPU - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.4 Building Construction - RSPU - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.4 Building Construction - RSPU - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.4 Building Construction - RSPU - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.4 Building Construction - RSPU - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7311	92.9098	205.2241	0.5068	14.3959	1.8226	16.2185	4.1001	1.6769	5.7769		47,408.4667	47,408.4667	0.3457		47,415.7266
Worker	20.3148	17.8695	245.9074	0.7992	62.8566	0.4370	63.2936	16.6733	0.4054	17.0787		54,469.6649	54,469.6649	2.1464		54,514.7383
Total	35.0459	110.7793	451.1315	1.3060	77.2525	2.2597	79.5121	20.7733	2.0823	22.8556		101,878.1316	101,878.1316	2.4921		101,930.4649

3.4 Building Construction - RSPU - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7311	92.9098	205.2241	0.5068	14.3959	1.8226	16.2185	4.1001	1.6769	5.7769		47,408.4667	47,408.4667	0.3457		47,415.7266
Worker	20.3148	17.8695	245.9074	0.7992	62.8566	0.4370	63.2936	16.6733	0.4054	17.0787		54,469.6649	54,469.6649	2.1464		54,514.7383
Total	35.0459	110.7793	451.1315	1.3060	77.2525	2.2597	79.5121	20.7733	2.0823	22.8556		101,878.1316	101,878.1316	2.4921		101,930.4649

3.4 Building Construction - RSPU - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.8622	83.9477	196.9369	0.5066	14.4009	1.7130	16.1139	4.1020	1.5760	5.6780		47,401.30 65	47,401.30 65	0.3281		47,408.19 58
Worker	19.2953	16.8900	233.0849	0.7991	62.8566	0.4401	63.2966	16.6733	0.4082	17.0815		53,714.79 60	53,714.79 60	2.0646		53,758.15 24
Total	33.1575	100.8377	430.0218	1.3057	77.2575	2.1531	79.4105	20.7753	1.9842	22.7595		101,116.1 025	101,116.1 025	2.3927		101,166.3 482

3.4 Building Construction - RSPU - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.8622	83.9477	196.9369	0.5066	14.4009	1.7130	16.1139	4.1020	1.5760	5.6780		47,401.30 65	47,401.30 65	0.3281		47,408.19 58
Worker	19.2953	16.8900	233.0849	0.7991	62.8566	0.4401	63.2966	16.6733	0.4082	17.0815		53,714.79 60	53,714.79 60	2.0646		53,758.15 24
Total	33.1575	100.8377	430.0218	1.3057	77.2575	2.1531	79.4105	20.7753	1.9842	22.7595		101,116.1 025	101,116.1 025	2.3927		101,166.3 482

3.4 Building Construction - RSPU - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.6450	83.0188	193.0585	0.5071	14.4063	1.7213	16.1276	4.1041	1.5836	5.6877		47,455.9261	47,455.9261	0.3295		47,462.8462
Worker	18.3939	16.0604	222.4977	0.7990	62.8566	0.4434	63.3000	16.6733	0.4114	17.0847		53,050.7786	53,050.7786	1.9954		53,092.6815
Total	32.0389	99.0793	415.5561	1.3061	77.2629	2.1647	79.4276	20.7774	1.9950	22.7724		100,506.7047	100,506.7047	2.3249		100,555.5277

3.4 Building Construction - RSPU - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.6450	83.0188	193.0585	0.5071	14.4063	1.7213	16.1276	4.1041	1.5836	5.6877		47,455.9261	47,455.9261	0.3295		47,462.8462
Worker	18.3939	16.0604	222.4977	0.7990	62.8566	0.4434	63.3000	16.6733	0.4114	17.0847		53,050.7786	53,050.7786	1.9954		53,092.6815
Total	32.0389	99.0793	415.5561	1.3061	77.2629	2.1647	79.4276	20.7774	1.9950	22.7724		100,506.7047	100,506.7047	2.3249		100,555.5277

3.4 Building Construction - RSPU - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.4175	82.1406	189.4787	0.5074	14.4101	1.7269	16.1370	4.1055	1.5888	5.6943		47,496.6016	47,496.6016	0.3307		47,503.5452
Worker	17.6498	15.3703	213.8031	0.7989	62.8566	0.4475	63.3041	16.6733	0.4152	17.0885		52,474.1047	52,474.1047	1.9380		52,514.8018
Total	31.0674	97.5109	403.2818	1.3064	77.2667	2.1744	79.4411	20.7788	2.0040	22.7828		99,970.7063	99,970.7063	2.2686		100,018.3470

3.4 Building Construction - RSPU - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.4175	82.1406	189.4787	0.5074	14.4101	1.7269	16.1370	4.1055	1.5888	5.6943		47,496.6016	47,496.6016	0.3307		47,503.5452
Worker	17.6498	15.3703	213.8031	0.7989	62.8566	0.4475	63.3041	16.6733	0.4152	17.0885		52,474.1047	52,474.1047	1.9380		52,514.8018
Total	31.0674	97.5109	403.2818	1.3064	77.2667	2.1744	79.4411	20.7788	2.0040	22.7828		99,970.7063	99,970.7063	2.2686		100,018.3470

3.4 Building Construction - RSPU - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.2546	81.2164	186.5449	0.5078	14.4139	1.7273	16.1412	4.1070	1.5891	5.6961		47,538.8185	47,538.8185	0.3312		47,545.7727
Worker	16.9902	14.7944	206.5743	0.7989	62.8566	0.4523	63.3089	16.6733	0.4197	17.0929		51,982.1334	51,982.1334	1.8902		52,021.8270
Total	30.2448	96.0108	393.1192	1.3067	77.2705	2.1796	79.4501	20.7802	2.0088	22.7890		99,520.9519	99,520.9519	2.2213		99,567.5996

3.4 Building Construction - RSPU - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.2546	81.2164	186.5449	0.5078	14.4139	1.7273	16.1412	4.1070	1.5891	5.6961		47,538.8185	47,538.8185	0.3312		47,545.7727
Worker	16.9902	14.7944	206.5743	0.7989	62.8566	0.4523	63.3089	16.6733	0.4197	17.0929		51,982.1334	51,982.1334	1.8902		52,021.8270
Total	30.2448	96.0108	393.1192	1.3067	77.2705	2.1796	79.4501	20.7802	2.0088	22.7890		99,520.9519	99,520.9519	2.2213		99,567.5996

3.4 Building Construction - RSPU - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1652	80.4915	184.3327	0.5082	14.4179	1.7307	16.1486	4.1085	1.5923	5.7008		47,578.0028	47,578.0028	0.3320		47,584.9751
Worker	16.3681	14.2836	200.1887	0.7989	62.8566	0.4564	63.3130	16.6733	0.4234	17.0967		51,557.2717	51,557.2717	1.8473		51,596.0650
Total	29.5333	94.7751	384.5215	1.3071	77.2745	2.1871	79.4616	20.7818	2.0157	22.7975		99,135.2745	99,135.2745	2.1793		99,181.0401

3.4 Building Construction - RSPU - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1652	80.4915	184.3327	0.5082	14.4179	1.7307	16.1486	4.1085	1.5923	5.7008		47,578.0028	47,578.0028	0.3320		47,584.9751
Worker	16.3681	14.2836	200.1887	0.7989	62.8566	0.4564	63.3130	16.6733	0.4234	17.0967		51,557.2717	51,557.2717	1.8473		51,596.0650
Total	29.5333	94.7751	384.5215	1.3071	77.2745	2.1871	79.4616	20.7818	2.0157	22.7975		99,135.2745	99,135.2745	2.1793		99,181.0401

3.4 Building Construction - RSPU - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.0172	79.8299	181.7611	0.5084	14.4211	1.7317	16.1527	4.1097	1.5932	5.7029		47,607.6371	47,607.6371	0.3325		47,614.6190
Worker	15.7889	13.8263	194.6099	0.7989	62.8566	0.4601	63.3167	16.6733	0.4269	17.1001		51,194.2634	51,194.2634	1.8090		51,232.2522
Total	28.8061	93.6561	376.3709	1.3073	77.2777	2.1917	79.4694	20.7830	2.0200	22.8030		98,801.9006	98,801.9006	2.1415		98,846.8712

3.4 Building Construction - RSPU - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.0172	79.8299	181.7611	0.5084	14.4211	1.7317	16.1527	4.1097	1.5932	5.7029		47,607.6371	47,607.6371	0.3325		47,614.6190
Worker	15.7889	13.8263	194.6099	0.7989	62.8566	0.4601	63.3167	16.6733	0.4269	17.1001		51,194.2634	51,194.2634	1.8090		51,232.2522
Total	28.8061	93.6561	376.3709	1.3073	77.2777	2.1917	79.4694	20.7830	2.0200	22.8030		98,801.9006	98,801.9006	2.1415		98,846.8712

3.4 Building Construction - RSPU - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9233	79.2821	179.8468	0.5087	14.4242	1.7325	16.1567	4.1109	1.5940	5.7049		47,634.7616	47,634.7616	0.3329		47,641.7519
Worker	15.2052	13.3891	189.2385	0.7989	62.8566	0.4629	63.3195	16.6733	0.4295	17.1028		50,884.3556	50,884.3556	1.7721		50,921.5689
Total	28.1286	92.6712	369.0853	1.3076	77.2807	2.1955	79.4762	20.7842	2.0235	22.8077		98,519.1172	98,519.1172	2.1049		98,563.3208

3.4 Building Construction - RSPU - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9233	79.2821	179.8468	0.5087	14.4242	1.7325	16.1567	4.1109	1.5940	5.7049		47,634.7616	47,634.7616	0.3329		47,641.7519
Worker	15.2052	13.3891	189.2385	0.7989	62.8566	0.4629	63.3195	16.6733	0.4295	17.1028		50,884.3556	50,884.3556	1.7721		50,921.5689
Total	28.1286	92.6712	369.0853	1.3076	77.2807	2.1955	79.4762	20.7842	2.0235	22.8077		98,519.1172	98,519.1172	2.1049		98,563.3208

3.4 Building Construction - RSPU - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8679	78.7846	178.8491	0.5089	14.4272	1.7336	16.1608	4.1121	1.5950	5.7071		47,662.9011	47,662.9011	0.3333		47,669.9001
Worker	14.6454	12.9923	184.5692	0.7989	62.8566	0.4651	63.3216	16.6733	0.4315	17.1048		50,622.7842	50,622.7842	1.7383		50,659.2883
Total	27.5134	91.7769	363.4183	1.3079	77.2837	2.1987	79.4824	20.7854	2.0265	22.8119		98,285.6853	98,285.6853	2.0716		98,329.1884

3.4 Building Construction - RSPU - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8679	78.7846	178.8491	0.5089	14.4272	1.7336	16.1608	4.1121	1.5950	5.7071		47,662.9011	47,662.9011	0.3333		47,669.9001
Worker	14.6454	12.9923	184.5692	0.7989	62.8566	0.4651	63.3216	16.6733	0.4315	17.1048		50,622.7842	50,622.7842	1.7383		50,659.2883
Total	27.5134	91.7769	363.4183	1.3079	77.2837	2.1987	79.4824	20.7854	2.0265	22.8119		98,285.6853	98,285.6853	2.0716		98,329.1884

3.4 Building Construction - RSPU - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8365	78.3882	177.9514	0.5092	14.4307	1.7357	16.1664	4.1135	1.5969	5.7104		47,694.9251	47,694.9251	0.3338		47,701.9342
Worker	14.1186	12.6229	180.3426	0.7990	62.8566	0.4664	63.3230	16.6733	0.4327	17.1060		50,403.8889	50,403.8889	1.7076		50,439.7492
Total	26.9551	91.0111	358.2940	1.3082	77.2873	2.2021	79.4894	20.7868	2.0296	22.8164		98,098.8140	98,098.8140	2.0414		98,141.6834

3.4 Building Construction - RSPU - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8365	78.3882	177.9514	0.5092	14.4307	1.7357	16.1664	4.1135	1.5969	5.7104		47,694.9251	47,694.9251	0.3338		47,701.9342
Worker	14.1186	12.6229	180.3426	0.7990	62.8566	0.4664	63.3230	16.6733	0.4327	17.1060		50,403.8889	50,403.8889	1.7076		50,439.7492
Total	26.9551	91.0111	358.2940	1.3082	77.2873	2.2021	79.4894	20.7868	2.0296	22.8164		98,098.8140	98,098.8140	2.0414		98,141.6834

3.4 Building Construction - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.4 Building Construction - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.5 Paving - MLS Stadium - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917
Total	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917

3.5 Paving - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	16.2371	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917
Total	0.1072	0.0967	1.2960	2.9200e-003	0.4265	1.6200e-003	0.4282	0.1092	1.4900e-003	0.1107		230.3697	230.3697	0.0106		230.5917

3.5 Paving - MLS Stadium - 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	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817
Total	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817

3.5 Paving - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	13.7302	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817
Total	0.0962	0.0871	1.1690	2.9200e-003	0.4265	1.5900e-003	0.4281	0.1092	1.4700e-003	0.1107		221.6775	221.6775	9.7300e-003		221.8817

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	102.2251	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22
Total	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22

3.6 Architectural Coating - MLS Stadium - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	1.7480	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	102.2251	1.7480	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22
Total	5.9066	5.3270	71.4112	0.1608	12.5744	0.0893	12.6636	3.3355	0.0823	3.4178		12,693.37 22	12,693.37 22	0.5824		12,705.60 22

3.6 Architectural Coating - MLS Stadium - 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					
Archit. Coating	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	102.1914	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818
Total	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818

3.6 Architectural Coating - MLS Stadium - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	101.8928					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	1.6046	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	102.1914	1.6046	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818
Total	5.2987	4.7993	64.4108	0.1608	12.5744	0.0875	12.6619	3.3355	0.0810	3.4164		12,214.4279	12,214.4279	0.5359		12,225.6818

3.7 Building Construction - KPMC Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.7 Building Construction - KPMC Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.1981	156.9605	269.5732	0.5087	14.3798	2.4959	16.8757	4.0940	2.2940	6.3879		49,322.5988	49,322.5988	0.3654		49,330.2714
Worker	26.4873	23.9908	321.9760	0.8036	62.8566	0.4374	63.2940	16.6733	0.4048	17.0781		61,057.3609	61,057.3609	2.6789		61,113.6170
Total	47.6854	180.9513	591.5492	1.3123	77.2364	2.9333	80.1697	20.7672	2.6988	23.4660		110,379.9596	110,379.9596	3.0442		110,443.8884

3.7 Building Construction - KPMC Phase 1 - 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.7 Building Construction - KPMC Phase 1 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	19.2447	142.9045	251.0830	0.5083	14.3835	2.3091	16.6926	4.0953	2.1229	6.2182		48,523.6805	48,523.6805	0.3558		48,531.1519
Worker	24.3545	21.9529	297.5129	0.7994	62.8566	0.4320	63.2886	16.6733	0.4005	17.0738		58,584.6525	58,584.6525	2.4921		58,636.9862
Total	43.5993	164.8574	548.5959	1.3077	77.2401	2.7412	79.9812	20.7686	2.5234	23.2920		107,108.3330	107,108.3330	2.8479		107,168.1382

3.7 Building Construction - KPMC Phase 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.7 Building Construction - KPMC Phase 1 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.3714	123.8932	223.9760	0.5073	14.3863	2.0603	16.4466	4.0965	1.8951	5.9915		47,415.7733	47,415.7733	0.3430		47,422.9752
Worker	22.7517	20.3440	277.2553	0.7993	62.8566	0.4322	63.2888	16.6733	0.4009	17.0741		56,267.6538	56,267.6538	2.3554		56,317.1175
Total	39.1231	144.2372	501.2313	1.3066	77.2429	2.4926	79.7354	20.7697	2.2959	23.0657		103,683.4271	103,683.4271	2.6984		103,740.0926

3.7 Building Construction - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.7 Building Construction - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	15.0816	103.7525	210.5755	0.5067	14.3903	1.8558	16.2461	4.0980	1.7074	5.8053		47,389.4411	47,389.4411	0.3404		47,396.5896
Worker	21.4601	19.0119	260.5810	0.7992	62.8566	0.4344	63.2910	16.6733	0.4029	17.0762		55,318.1247	55,318.1247	2.2425		55,365.2162
Total	36.5417	122.7643	471.1565	1.3060	77.2469	2.2902	79.5371	20.7712	2.1103	22.8815		102,707.5657	102,707.5657	2.5829		102,761.8058

3.8 Paving - KPMC Phase 1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113
Total	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113

3.8 Paving - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2308	10.1285	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113
Total	0.0779	0.0690	0.9461	2.9000e-003	0.4265	1.5800e-003	0.4281	0.1092	1.4600e-003	0.1107		200.8403	200.8403	8.1400e-003		201.0113

3.9 Architectural Coating - KPMC Phase 1 - 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	199.6768					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	199.8957	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234
Total	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234

3.9 Architectural Coating - KPMC Phase 1 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	199.6768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537
Total	199.8957	1.2215	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234
Total	4.2931	3.8033	52.1288	0.1599	12.5744	0.0869	12.6613	3.3355	0.0806	3.4161		11,066.3028	11,066.3028	0.4486		11,075.7234

3.10 Building Construction - KPMC Phase 2 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.10 Building Construction - KPMC Phase 2 - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7934	78.0402	177.1626	0.5095	14.4343	1.7376	16.1719	4.1150	1.5986	5.7136		47,724.8722	47,724.8722	0.3342		47,731.8905
Worker	13.6305	12.3042	176.7466	0.7990	62.8566	0.4673	63.3239	16.6733	0.4336	17.1069		50,221.7787	50,221.7787	1.6807		50,257.0733
Total	26.4240	90.3443	353.9092	1.3085	77.2909	2.2049	79.4958	20.7882	2.0322	22.8204		97,946.6509	97,946.6509	2.0149		97,988.9639

3.10 Building Construction - KPMC Phase 2 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7744	77.7127	176.5814	0.5098	14.4378	1.7390	16.1768	4.1164	1.5999	5.7162		47,752.7695	47,752.7695	0.3346		47,759.7951
Worker	13.2208	12.0415	173.8190	0.7990	62.8566	0.4681	63.3246	16.6733	0.4343	17.1076		50,071.0157	50,071.0157	1.6581		50,105.8351
Total	25.9952	89.7542	350.4004	1.3088	77.2944	2.2071	79.5015	20.7896	2.0342	22.8238		97,823.7852	97,823.7852	1.9926		97,865.6301

3.10 Building Construction - KPMC Phase 2 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7744	77.7127	176.5814	0.5098	14.4378	1.7390	16.1768	4.1164	1.5999	5.7162		47,752.7695	47,752.7695	0.3346		47,759.7951
Worker	13.2208	12.0415	173.8190	0.7990	62.8566	0.4681	63.3246	16.6733	0.4343	17.1076		50,071.0157	50,071.0157	1.6581		50,105.8351
Total	25.9952	89.7542	350.4004	1.3088	77.2944	2.2071	79.5015	20.7896	2.0342	22.8238		97,823.7852	97,823.7852	1.9926		97,865.6301

3.10 Building Construction - KPMC Phase 2 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7554	77.4222	175.9700	0.5101	14.4411	1.7401	16.1811	4.1176	1.6009	5.7185		47,779.9528	47,779.9528	0.3349		47,786.9850
Worker	12.7841	11.8151	170.9708	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,943.4816	49,943.4816	1.6365		49,977.8486
Total	25.5395	89.2373	346.9408	1.3091	77.2976	2.2083	79.5059	20.7909	2.0353	22.8262		97,723.4344	97,723.4344	1.9714		97,764.8336

3.10 Building Construction - KPMC Phase 2 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7554	77.4222	175.9700	0.5101	14.4411	1.7401	16.1811	4.1176	1.6009	5.7185		47,779.9528	47,779.9528	0.3349		47,786.9850
Worker	12.7841	11.8151	170.9708	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,943.4816	49,943.4816	1.6365		49,977.8486
Total	25.5395	89.2373	346.9408	1.3091	77.2976	2.2083	79.5059	20.7909	2.0353	22.8262		97,723.4344	97,723.4344	1.9714		97,764.8336

3.10 Building Construction - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7226	77.1612	175.3174	0.5103	14.4439	1.7403	16.1842	4.1188	1.6011	5.7198		47,803.5465	47,803.5465	0.3351		47,810.5839
Worker	12.4048	11.6380	168.5213	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,837.7056	49,837.7056	1.6180		49,871.6837
Total	25.1274	88.7991	343.8387	1.3093	77.3005	2.2085	79.5090	20.7921	2.0355	22.8275		97,641.2520	97,641.2520	1.9531		97,682.2676

3.10 Building Construction - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2123	5.7208	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	5.7208	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7226	77.1612	175.3174	0.5103	14.4439	1.7403	16.1842	4.1188	1.6011	5.7198		47,803.5465	47,803.5465	0.3351		47,810.5839
Worker	12.4048	11.6380	168.5213	0.7990	62.8566	0.4682	63.3248	16.6733	0.4344	17.1077		49,837.7056	49,837.7056	1.6180		49,871.6837
Total	25.1274	88.7991	343.8387	1.3093	77.3005	2.2085	79.5090	20.7921	2.0355	22.8275		97,641.2520	97,641.2520	1.9531		97,682.2676

3.11 Paving - RSPU - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655
Total	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655

3.11 Paving - RSPU - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655
Total	0.0495	0.0447	0.6417	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5700e-003	0.1108		182.3373	182.3373	6.1000e-003		182.4655

3.11 Paving - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164
Total	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164

3.11 Paving - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164
Total	0.0480	0.0437	0.6311	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		181.7900	181.7900	6.0200e-003		181.9164

3.12 Architectural Coating - RSPU - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926
Total	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926

3.12 Architectural Coating - RSPU - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926
Total	2.6448	2.4089	34.7722	0.1598	12.5744	0.0936	12.6680	3.3355	0.0869	3.4223		10,016.6270	10,016.6270	0.3317		10,023.5926

3.12 Architectural Coating - RSPU - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891
Total	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891

3.12 Architectural Coating - RSPU - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	490.5862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	490.7170	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891
Total	2.5574	2.3636	34.2024	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,991.1140	9,991.1140	0.3274		9,997.9891

3.13 Paving - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	4.7892	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832		2,599.9866	2,599.9866	0.1001		2,602.0881

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.13 Paving - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1165	3.8313	15.4905	0.0275		0.1832	0.1832		0.1832	0.1832	0.0000	2,599.9866	2,599.9866	0.1001		2,602.0881

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663
Total	0.0450	0.0423	0.6118	2.9000e-003	0.4265	1.7000e-003	0.4282	0.1092	1.5800e-003	0.1108		180.9429	180.9429	5.8700e-003		181.0663

3.14 Architectural Coating - KPMC Phase 2 - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	147.7406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665
Total	147.8585	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510
Total	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510

3.14 Architectural Coating - KPMC Phase 2 - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	147.7406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	147.8585	0.6062	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.6665

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510
Total	2.4816	2.3282	33.7124	0.1598	12.5744	0.0937	12.6680	3.3355	0.0869	3.4224		9,969.9537	9,969.9537	0.3237		9,976.7510

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	346.1650	530.9057	3,341.4616	13.8301	924.2692	13.8847	938.1539	246.9438	12.8258	259.7696		963,487.5766	963,487.5766	24.7608		964,007.5523
Unmitigated	346.1650	530.9057	3,341.4616	13.8301	924.2692	13.8847	938.1539	246.9438	12.8258	259.7696		963,487.5766	963,487.5766	24.7608		964,007.5523

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	25,080.00	25,080.00	25080.00	72,485,213	72,485,213
City Park	0.00	0.00	0.00		
General Office Building	50,109.29	50,109.29	50109.29	126,492,885	126,492,885
Hardware/Paint Store	1,600.20	1,600.20	1600.20	3,474,450	3,474,450
Hospital	30,319.32	30,319.32	30319.32	94,139,063	94,139,063
Hotel	8,987.00	8,987.00	8987.00	20,461,781	20,461,781
Arena	201.81	201.81	201.81	388,224	388,224
Strip Mall	53,395.00	53,395.00	53395.00	118,849,795	118,849,795
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	169,692.62	169,692.62	169,692.62	436,291,411	436,291,411

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 Mid Rise	10.00	5.00	6.50	46.50	12.50	41.00	100	0	0
City Park	10.00	5.00	6.50	33.00	48.00	19.00	100	0	0
General Office Building	10.00	5.00	6.50	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	10.00	5.00	6.50	13.60	67.40	19.00	100	0	0
Hospital	10.00	5.00	6.50	64.90	16.10	19.00	100	0	0
Hotel	10.00	5.00	6.50	19.40	61.60	19.00	100	0	0
Arena	10.00	5.00	6.50	0.00	81.00	19.00	100	0	0
Strip Mall	10.00	5.00	6.50	16.60	64.40	19.00	100	0	0
Unenclosed Parking Structure	10.00	5.00	6.50	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828
NaturalGas Unmitigated	6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

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					
Arena	33477.3	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
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	130440	1.4067	12.7883	10.7421	0.0767		0.9719	0.9719		0.9719	0.9719		15,345.8953	15,345.8953	0.2941	0.2813	15,439.2878
Hardware/Paint Store	2204.38	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hospital	179187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Hotel	138322	1.4917	13.5610	11.3912	0.0814		1.0306	1.0306		1.0306	1.0306		16,273.1642	16,273.1642	0.3119	0.2983	16,372.2000
Strip Mall	11083.2	0.1195	1.0866	0.9127	6.5200e-003		0.0826	0.0826		0.0826	0.0826		1,303.9001	1,303.9001	0.0250	0.0239	1,311.8354
Unenclosed Parking Structure	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
Apartments Mid Rise	130063	1.4026	11.9862	5.1005	0.0765		0.9691	0.9691		0.9691	0.9691		15,301.5181	15,301.5181	0.2933	0.2805	15,394.6406
Total		6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

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	130.44	1.4067	12.7883	10.7421	0.0767		0.9719	0.9719		0.9719	0.9719		15,345.8953	15,345.8953	0.2941	0.2813	15,439.2878
Hardware/Paint Store	2.20438	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hospital	179.187	1.9324	17.5674	14.7566	0.1054		1.3351	1.3351		1.3351	1.3351		21,080.8316	21,080.8316	0.4041	0.3865	21,209.1260
Hotel	138.322	1.4917	13.5610	11.3912	0.0814		1.0306	1.0306		1.0306	1.0306		16,273.1642	16,273.1642	0.3119	0.2983	16,372.2000
Strip Mall	11.0832	0.1195	1.0866	0.9127	6.5200e-003		0.0826	0.0826		0.0826	0.0826		1,303.9001	1,303.9001	0.0250	0.0239	1,311.8354
Unenclosed Parking Structure	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
Apartments Mid Rise	130.063	1.4026	11.9862	5.1005	0.0765		0.9691	0.9691		0.9691	0.9691		15,301.5181	15,301.5181	0.2933	0.2805	15,394.6406
Arena	33.4773	0.3610	3.2821	2.7570	0.0197		0.2494	0.2494		0.2494	0.2494		3,938.5064	3,938.5064	0.0755	0.0722	3,962.4755
Total		6.7378	60.4876	45.8417	0.3675		4.6552	4.6552		4.6552	4.6552		73,503.1549	73,503.1549	1.4088	1.3476	73,950.4828

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638
Unmitigated	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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	62.5523					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	364.2216					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	14.8464	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489		893.6209	893.6209	0.8544		911.5638
Total	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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	62.5523					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	364.2216					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	14.8464	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489		893.6209	893.6209	0.8544		911.5638
Total	441.6203	5.7005	494.3379	0.0262		2.7489	2.7489		2.7489	2.7489	0.0000	893.6209	893.6209	0.8544	0.0000	911.5638

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

Railyards Land Use Variant - Construction and Operations Unadjusted Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	5,709.00	1000sqft	131.06	5,709,000.00	0
City Park	30.00	Acre	30.00	1,306,800.00	0
Hotel	1,100.00	Room	36.67	1,597,200.00	0
Apartments Mid Rise	7,000.00	Dwelling Unit	184.21	7,000,000.00	18690
Hardware/Paint Store	180.00	1000sqft	4.13	180,000.00	0
Strip Mall	1,272.00	1000sqft	29.20	1,272,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2035
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Source: RSPU SEIR Project Description 3-10-16

Construction Phase - Assumed construction schedule

Trips and VMT - Assumed 750,000 cy are soil would be imported to the project site during grading.

Grading -

Vehicle Trips - Adusted the trip rates to match what was provided by F&P

Energy Use - Adjusted the energy intensity rates to reflect the lastest 2013 Title 24 Standards

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
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	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00

tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstEquipMitigation	OxidationCatalyst	0.00	20.00
tblConstructionPhase	NumDays	550.00	298.00
tblConstructionPhase	NumDays	7,750.00	4,099.00
tblConstructionPhase	NumDays	775.00	261.00
tblConstructionPhase	NumDays	550.00	298.00
tblConstructionPhase	PhaseEndDate	12/29/2034	12/31/2034
tblConstructionPhase	PhaseEndDate	12/30/2016	12/31/2016
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	6.08	4.56
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24E	4.39	3.29
tblEnergyUse	T24E	3.98	2.99
tblEnergyUse	T24NG	8,261.25	6,195.90
tblEnergyUse	T24NG	13.07	9.80
tblEnergyUse	T24NG	4.72	3.54
tblEnergyUse	T24NG	34.77	26.10
tblEnergyUse	T24NG	4.72	3.54
tblGrading	MaterialImported	0.00	750,000.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	HaulingTripLength	20.00	15.00
tblTripsAndVMT	HaulingTripNumber	93,750.00	107,143.00

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	29.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	26.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	4.18
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	82.52	8.89
tblVehicleTrips	ST_TR	8.19	8.17
tblVehicleTrips	ST_TR	42.04	59.02
tblVehicleTrips	SU_TR	6.07	4.18
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	68.65	8.89

tblVehicleTrips	SU_TR	5.95	8.17
tblVehicleTrips	SU_TR	20.43	59.02
tblVehicleTrips	WD_TR	6.59	4.18
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	51.29	8.89
tblVehicleTrips	WD_TR	44.32	59.02

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	15.1339	152.6392	164.7814	0.2883	14.7590	4.7692	19.5282	5.1877	4.3862	9.5739	0.0000	29,095.7572	29,095.7572	2.1040	0.0000	29,139.9407
2017	58.6410	224.5349	690.1504	1.3590	79.1366	4.9037	84.0403	21.2660	4.5428	25.8087	0.0000	117,526.5687	117,526.5687	4.0295	0.0000	117,611.1879
2018	50.8443	201.8425	614.7981	1.3567	79.1335	4.3919	83.5254	21.2648	4.0708	25.3356	0.0000	114,110.5962	114,110.5962	3.7688	0.0000	114,189.7418
2019	46.4067	183.6688	570.9575	1.3520	79.1371	3.9941	83.1312	21.2661	3.7023	24.9683	0.0000	110,739.9260	110,739.9260	3.5554	0.0000	110,814.5887
2020	41.6930	161.4997	523.1285	1.3509	79.1399	3.5784	82.7182	21.2672	3.3177	24.5849	0.0000	107,218.6099	107,218.6099	3.3929	0.0000	107,289.8605
2021	38.8748	138.6481	492.4755	1.3503	79.1438	3.2223	82.3661	21.2687	2.9873	24.2560	0.0000	106,210.4931	106,210.4931	3.2667	0.0000	106,279.0930
2022	37.1523	125.0408	471.8383	1.3503	79.1492	3.0434	82.1926	21.2707	2.8203	24.0910	0.0000	105,352.0660	105,352.0660	3.1683	0.0000	105,418.6010
2023	35.1130	114.0244	450.3327	1.3500	79.1542	2.8301	81.9843	21.2726	2.6219	23.8945	0.0000	104,564.7494	104,564.7494	3.0623	0.0000	104,629.0584

	ROG	NOx	CO	SO2	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					
2024	33.8666	111.3208	435.5011	1.3504	79.1595	2.7556	81.9150	21.2747	2.5514	23.8260	0.0000	103,931.5814	103,931.5814	2.9887	0.0000	103,994.3431
2025	32.7700	108.7785	422.9154	1.3507	79.1632	2.6797	81.8429	21.2761	2.4799	23.7560	0.0000	103,375.4278	103,375.4278	2.9269	0.0000	103,436.8932
2026	31.9277	107.2773	412.5608	1.3510	79.1669	2.6851	81.8520	21.2775	2.4849	23.7623	0.0000	102,907.6639	102,907.6639	2.8780	0.0000	102,968.1011
2027	31.1964	106.0386	403.7857	1.3514	79.1708	2.6927	81.8635	21.2790	2.4919	23.7709	0.0000	102,506.3780	102,506.3780	2.8345	0.0000	102,565.9013
2028	30.4520	104.9172	395.4932	1.3516	79.1739	2.6974	81.8713	21.2802	2.4963	23.7765	0.0000	102,159.7464	102,159.7464	2.7952	0.0000	102,218.4465
2029	29.7560	103.9282	388.0595	1.3519	79.1769	2.7012	81.8782	21.2814	2.4998	23.7812	0.0000	101,865.6075	101,865.6075	2.7574	0.0000	101,923.5133
2030	29.0651	98.5385	382.3297	1.3562	79.1799	2.3271	81.5070	21.2825	2.1565	23.4391	0.0000	101,961.4234	101,961.4234	2.2412	0.0000	102,008.4876
2031	28.4891	97.7679	377.0764	1.3565	79.1833	2.3305	81.5138	21.2839	2.1597	23.4436	0.0000	101,766.2686	101,766.2686	2.2099	0.0000	101,812.6765
2032	27.9418	97.0971	372.5824	1.3568	79.1869	2.3333	81.5202	21.2853	2.1623	23.4476	0.0000	101,607.1465	101,607.1465	2.1825	0.0000	101,652.9780
2033	766.4752	7.0019	37.7690	0.1683	13.0080	0.3242	13.1251	3.4505	0.3242	3.5607	0.0000	10,643.4760	10,643.4760	0.3545	0.0000	10,650.9209
2034	766.3848	3.3014	37.1796	0.1683	13.0080	0.1172	13.1252	3.4505	0.1102	3.5607	0.0000	10,617.0832	10,617.0832	0.3501	0.0000	10,624.4346
Total	2,132.1835	2,247.8657	7,643.7151	22.2705	1,307.3305	54.3770	1,361.5004	352.4853	50.3660	402.6373	0.0000	1,738,160.5690	1,738,160.5690	50.8666	0.0000	1,739,228.7679

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	15.1339	137.6765	164.7814	0.2883	9.6618	4.7692	14.4310	3.1601	4.3862	7.5463	0.0000	29,095.7572	29,095.7572	2.1040	0.0000	29,139.9407

	ROG	NOx	CO	SO2	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					
2017	58.6410	219.2538	690.1504	1.3590	79.1366	4.9037	84.0403	21.2660	4.5428	25.8087	0.0000	117,526.5687	117,526.5687	4.0295	0.0000	117,611.1879
2018	50.8443	197.1903	614.7981	1.3567	79.1335	4.3919	83.5254	21.2648	4.0708	25.3356	0.0000	114,110.5962	114,110.5962	3.7688	0.0000	114,189.7418
2019	46.4067	179.4758	570.9575	1.3520	79.1371	3.9941	83.1312	21.2661	3.7023	24.9683	0.0000	110,739.9260	110,739.9260	3.5554	0.0000	110,814.5887
2020	41.6930	157.6829	523.1285	1.3509	79.1399	3.5784	82.7182	21.2672	3.3177	24.5849	0.0000	107,218.6099	107,218.6099	3.3929	0.0000	107,289.8605
2021	38.8748	135.1801	492.4755	1.3503	79.1438	3.2223	82.3661	21.2687	2.9873	24.2560	0.0000	106,210.4931	106,210.4931	3.2667	0.0000	106,279.0930
2022	37.1523	121.9336	471.8383	1.3503	79.1492	3.0434	82.1926	21.2707	2.8203	24.0910	0.0000	105,352.0660	105,352.0660	3.1683	0.0000	105,418.6010
2023	35.1130	111.1618	450.3327	1.3500	79.1542	2.8301	81.9843	21.2726	2.6219	23.8945	0.0000	104,564.7494	104,564.7494	3.0623	0.0000	104,629.0584
2024	33.8666	108.6453	435.5011	1.3504	79.1595	2.7556	81.9150	21.2747	2.5514	23.8260	0.0000	103,931.5814	103,931.5814	2.9887	0.0000	103,994.3431
2025	32.7700	106.2966	422.9154	1.3507	79.1632	2.6797	81.8429	21.2761	2.4799	23.7560	0.0000	103,375.4278	103,375.4278	2.9269	0.0000	103,436.8932
2026	31.9277	104.7954	412.5608	1.3510	79.1669	2.6851	81.8520	21.2775	2.4849	23.7623	0.0000	102,907.6639	102,907.6639	2.8780	0.0000	102,968.1011
2027	31.1964	103.5567	403.7857	1.3514	79.1708	2.6927	81.8635	21.2790	2.4919	23.7709	0.0000	102,506.3780	102,506.3780	2.8345	0.0000	102,565.9013
2028	30.4520	102.4353	395.4932	1.3516	79.1739	2.6974	81.8713	21.2802	2.4963	23.7765	0.0000	102,159.7464	102,159.7464	2.7952	0.0000	102,218.4465
2029	29.7560	101.4463	388.0595	1.3519	79.1769	2.7012	81.8782	21.2814	2.4998	23.7812	0.0000	101,865.6075	101,865.6075	2.7574	0.0000	101,923.5133
2030	29.0651	96.9549	382.3297	1.3562	79.1799	2.3271	81.5070	21.2825	2.1565	23.4391	0.0000	101,961.4234	101,961.4234	2.2412	0.0000	102,008.4876
2031	28.4891	96.1843	377.0764	1.3565	79.1833	2.3305	81.5138	21.2839	2.1597	23.4436	0.0000	101,766.2686	101,766.2686	2.2099	0.0000	101,812.6765
2032	27.9418	95.5135	372.5824	1.3568	79.1869	2.3333	81.5202	21.2853	2.1623	23.4476	0.0000	101,607.1465	101,607.1465	2.1825	0.0000	101,652.9780
2033	766.4752	5.6059	37.7690	0.1683	13.0080	0.3242	13.1251	3.4505	0.3242	3.5607	0.0000	10,643.4760	10,643.4760	0.3545	0.0000	10,650.9209
2034	766.3848	3.1301	37.1796	0.1683	13.0080	0.1172	13.1252	3.4505	0.1102	3.5607	0.0000	10,617.0832	10,617.0832	0.3501	0.0000	10,624.4346

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	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665
Energy	5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307
Mobile	358.0337	535.4251	3,365.8950	13.7978	920.6090	13.9278	934.5368	245.9659	12.8659	258.8318		961,265.3887	961,265.3887	24.7620		961,785.3906
Total	807.9407	587.4392	3,974.5282	14.1059	920.6090	20.6491	941.2581	245.9659	19.5872	265.5531	0.0000	1,017,818.7651	1,017,818.7651	26.8205	1.0177	1,018,697.4878

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	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665
Energy	5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307
Mobile	358.0337	535.4251	3,365.8950	13.7978	920.6090	13.9278	934.5368	245.9659	12.8659	258.8318		961,265.3887	961,265.3887	24.7620		961,785.3906
Total	807.9407	587.4392	3,974.5282	14.1059	920.6090	20.6491	941.2581	245.9659	19.5872	265.5531	0.0000	1,017,818.7651	1,017,818.7651	26.8205	1.0177	1,018,697.4878

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2016	12/31/2016	5	261	
2	Building Construction	Building Construction	1/1/2017	9/16/2032	5	4099	
3	Paving	Paving	9/17/2032	11/8/2033	5	298	
4	Architectural Coating	Architectural Coating	11/9/2033	12/31/2034	5	298	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 652.5

Acres of Paving: 0

Residential Indoor: 14,175,000; Residential Outdoor: 4,725,000; Non-Residential Indoor: 15,097,500; Non-Residential Outdoor: 5,032,500
(Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Grading	8	20.00	0.00	107,143.00	10.00	6.50	15.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8,551.00	2,398.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,710.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Water Exposed Area

3.2 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					9.2676	0.0000	9.2676	3.6865	0.0000	3.6865			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	9.2676	3.5842	12.8518	3.6865	3.2975	6.9840		6,414.9807	6,414.9807	1.9350		6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.2 Grading - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1704	0.0000	4.1704	1.6589	0.0000	1.6589			0.0000			0.0000
Off-Road	6.4795	59.8510	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	59.8510	49.1374	0.0617	4.1704	3.5842	7.7547	1.6589	3.2975	4.9564	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5743	77.7534	114.6788	0.2246	5.3393	1.1838	6.5231	1.4608	1.0877	2.5485		22,520.8905	22,520.8905	0.1613		22,524.2770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0721	0.9651	1.9500e-003	0.1521	1.1200e-003	0.1533	0.0404	1.0300e-003	0.0414		159.8861	159.8861	7.7200e-003		160.0483
Total	8.6545	77.8255	115.6440	0.2265	5.4914	1.1849	6.6763	1.5012	1.0887	2.5899		22,680.7765	22,680.7765	0.1690		22,684.3253

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	24.9837	170.5727	302.6097	0.5004	14.0892	2.6607	16.7499	4.0115	2.4439	6.4554		49,223.7110	49,223.7110	0.3671		49,231.4206
Worker	30.5549	27.5566	369.4116	0.8318	65.0474	0.4618	65.5092	17.2544	0.4260	17.6804		65,663.0524	65,663.0524	3.0127		65,726.3183
Total	55.5387	198.1293	672.0213	1.3322	79.1366	3.1225	82.2591	21.2660	2.8698	24.1358		114,886.7634	114,886.7634	3.3798		114,957.7389

3.3 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	21.1245	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	21.1245	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	24.9837	170.5727	302.6097	0.5004	14.0892	2.6607	16.7499	4.0115	2.4439	6.4554		49,223.7110	49,223.7110	0.3671		49,231.4206
Worker	30.5549	27.5566	369.4116	0.8318	65.0474	0.4618	65.5092	17.2544	0.4260	17.6804		65,663.0524	65,663.0524	3.0127		65,726.3183
Total	55.5387	198.1293	672.0213	1.3322	79.1366	3.1225	82.2591	21.2660	2.8698	24.1358		114,886.7634	114,886.7634	3.3798		114,957.7389

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	20.7651	153.7546	264.0672	0.4983	14.0861	2.4450	16.5310	4.0103	2.2471	6.2575		48,315.1927	48,315.1927	0.3579		48,322.7087
Worker	27.4105	24.8270	333.1982	0.8316	65.0474	0.4527	65.5000	17.2544	0.4189	17.6733		63,185.4645	63,185.4645	2.7722		63,243.6814
Total	48.1756	178.5816	597.2654	1.3299	79.1335	2.8976	82.0311	21.2648	2.6660	23.9308		111,500.6572	111,500.6572	3.1301		111,566.3901

3.3 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.6087	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	18.6087	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	20.7651	153.7546	264.0672	0.4983	14.0861	2.4450	16.5310	4.0103	2.2471	6.2575		48,315.1927	48,315.1927	0.3579		48,322.7087
Worker	27.4105	24.8270	333.1982	0.8316	65.0474	0.4527	65.5000	17.2544	0.4189	17.6733		63,185.4645	63,185.4645	2.7722		63,243.6814
Total	48.1756	178.5816	597.2654	1.3299	79.1335	2.8976	82.0311	21.2648	2.6660	23.9308		111,500.6572	111,500.6572	3.1301		111,566.3901

3.3 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	18.8516	139.9857	245.9547	0.4979	14.0897	2.2620	16.3517	4.0117	2.0795	6.0912		47,532.5923	47,532.5923	0.3485		47,539.9111
Worker	25.2034	22.7181	307.8825	0.8273	65.0474	0.4471	65.4945	17.2544	0.4145	17.6689		60,626.5719	60,626.5719	2.5789		60,680.7297
Total	44.0550	162.7037	553.8371	1.3252	79.1371	2.7091	81.8462	21.2661	2.4940	23.7601		108,159.1642	108,159.1642	2.9275		108,220.6408

3.3 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.7720	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	16.7720	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	18.8516	139.9857	245.9547	0.4979	14.0897	2.2620	16.3517	4.0117	2.0795	6.0912		47,532.5923	47,532.5923	0.3485		47,539.9111
Worker	25.2034	22.7181	307.8825	0.8273	65.0474	0.4471	65.4945	17.2544	0.4145	17.6689		60,626.5719	60,626.5719	2.5789		60,680.7297
Total	44.0550	162.7037	553.8371	1.3252	79.1371	2.7091	81.8462	21.2661	2.4940	23.7601		108,159.1642	108,159.1642	2.9275		108,220.6408

3.3 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.0370	121.3627	219.4013	0.4969	14.0925	2.0182	16.1107	4.0128	1.8564	5.8692		46,447.3138	46,447.3138	0.3359		46,454.3687
Worker	23.5447	21.0531	286.9188	0.8272	65.0474	0.4473	65.4947	17.2544	0.4148	17.6693		58,228.8161	58,228.8161	2.4375		58,280.0038
Total	39.5817	142.4158	506.3201	1.3241	79.1399	2.4655	81.6054	21.2672	2.2712	23.5384		104,676.1300	104,676.1300	2.7735		104,734.3725

3.3 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	15.2671	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	16.0370	121.3627	219.4013	0.4969	14.0925	2.0182	16.1107	4.0128	1.8564	5.8692		46,447.3138	46,447.3138	0.3359		46,454.3687
Worker	23.5447	21.0531	286.9188	0.8272	65.0474	0.4473	65.4947	17.2544	0.4148	17.6693		58,228.8161	58,228.8161	2.4375		58,280.0038
Total	39.5817	142.4158	506.3201	1.3241	79.1399	2.4655	81.6054	21.2672	2.2712	23.5384		104,676.1300	104,676.1300	2.7735		104,734.3725

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7736	101.6333	206.2745	0.4964	14.0964	1.8179	15.9142	4.0143	1.6725	5.6867		46,421.5195	46,421.5195	0.3335		46,428.5220
Worker	22.2081	19.6745	269.6633	0.8271	65.0474	0.4496	65.4969	17.2544	0.4170	17.6714		57,246.1919	57,246.1919	2.3206		57,294.9248
Total	36.9817	121.3079	475.9378	1.3235	79.1438	2.2674	81.4112	21.2687	2.0895	23.3581		103,667.7114	103,667.7114	2.6541		103,723.4468

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	13.8722	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.7736	101.6333	206.2745	0.4964	14.0964	1.8179	15.9142	4.0143	1.6725	5.6867		46,421.5195	46,421.5195	0.3335		46,428.5220
Worker	22.2081	19.6745	269.6633	0.8271	65.0474	0.4496	65.4969	17.2544	0.4170	17.6714		57,246.1919	57,246.1919	2.3206		57,294.9248
Total	36.9817	121.3079	475.9378	1.3235	79.1438	2.2674	81.4112	21.2687	2.0895	23.3581		103,667.7114	103,667.7114	2.6541		103,723.4468

3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.4303	91.0122	201.0324	0.4965	14.1018	1.7854	15.8873	4.0163	1.6426	5.6589		46,440.1565	46,440.1565	0.3387		46,447.2682
Worker	21.0228	18.4923	254.4783	0.8270	65.0474	0.4523	65.4997	17.2544	0.4195	17.6739		56,368.1598	56,368.1598	2.2212		56,414.8042
Total	35.4531	109.5044	455.5107	1.3235	79.1492	2.2377	81.3869	21.2707	2.0621	23.3329		102,808.3164	102,808.3164	2.5598		102,862.0724

3.3 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	12.4291	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	14.4303	91.0122	201.0324	0.4965	14.1018	1.7854	15.8873	4.0163	1.6426	5.6589		46,440.1565	46,440.1565	0.3387		46,447.2682
Worker	21.0228	18.4923	254.4783	0.8270	65.0474	0.4523	65.4997	17.2544	0.4195	17.6739		56,368.1598	56,368.1598	2.2212		56,414.8042
Total	35.4531	109.5044	455.5107	1.3235	79.1492	2.2377	81.3869	21.2707	2.0621	23.3329		102,808.3164	102,808.3164	2.5598		102,862.0724

3.3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.626 2	2,544.626 2	0.6044		2,557.319 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.5791	82.2331	192.9145	0.4962	14.1068	1.6780	15.7848	4.0182	1.5438	5.5620		46,433.14 26	46,433.14 26	0.3214		46,439.89 11
Worker	19.9678	17.4787	241.2089	0.8269	65.0474	0.4554	65.5028	17.2544	0.4225	17.6769		55,586.98 06	55,586.98 06	2.1366		55,631.84 82
Total	33.5469	99.7117	434.1234	1.3232	79.1542	2.1334	81.2875	21.2726	1.9663	23.2389		102,020.1 231	102,020.1 231	2.4579		102,071.7 393

3.3 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.6262	2,544.6262	0.6044		2,557.3191
Total	1.5661	11.4501	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.6262	2,544.6262	0.6044		2,557.3191

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.5791	82.2331	192.9145	0.4962	14.1068	1.6780	15.7848	4.0182	1.5438	5.5620		46,433.1426	46,433.1426	0.3214		46,439.8911
Worker	19.9678	17.4787	241.2089	0.8269	65.0474	0.4554	65.5028	17.2544	0.4225	17.6769		55,586.9806	55,586.9806	2.1366		55,631.8482
Total	33.5469	99.7117	434.1234	1.3232	79.1542	2.1334	81.2875	21.2726	1.9663	23.2389		102,020.1231	102,020.1231	2.4579		102,071.7393

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.3663	81.3232	189.1153	0.4967	14.1121	1.6862	15.7982	4.0203	1.5513	5.5715		46,486.6465	46,486.6465	0.3228		46,493.4253
Worker	19.0351	16.6202	230.2526	0.8268	65.0474	0.4589	65.5063	17.2544	0.4257	17.6801		54,899.8194	54,899.8194	2.0649		54,943.1828
Total	32.4013	97.9434	419.3679	1.3236	79.1595	2.1450	81.3045	21.2747	1.9770	23.2517		101,386.4659	101,386.4659	2.3877		101,436.6082

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	10.7019	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.3663	81.3232	189.1153	0.4967	14.1121	1.6862	15.7982	4.0203	1.5513	5.5715		46,486.6465	46,486.6465	0.3228		46,493.4253
Worker	19.0351	16.6202	230.2526	0.8268	65.0474	0.4589	65.5063	17.2544	0.4257	17.6801		54,899.8194	54,899.8194	2.0649		54,943.1828
Total	32.4013	97.9434	419.3679	1.3236	79.1595	2.1450	81.3045	21.2747	1.9770	23.2517		101,386.4659	101,386.4659	2.3877		101,436.6082

3.3 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1435	80.4629	185.6086	0.4971	14.1158	1.6916	15.8074	4.0217	1.5563	5.5780		46,526.4913	46,526.4913	0.3239		46,533.2931
Worker	18.2650	15.9060	221.2550	0.8268	65.0474	0.4631	65.5105	17.2544	0.4297	17.6841		54,303.0460	54,303.0460	2.0055		54,345.1616
Total	31.4085	96.3689	406.8636	1.3238	79.1632	2.1547	81.3179	21.2761	1.9860	23.2621		100,829.5373	100,829.5373	2.3294		100,878.4547

3.3 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	13.1435	80.4629	185.6086	0.4971	14.1158	1.6916	15.8074	4.0217	1.5563	5.5780		46,526.4913	46,526.4913	0.3239		46,533.2931
Worker	18.2650	15.9060	221.2550	0.8268	65.0474	0.4631	65.5105	17.2544	0.4297	17.6841		54,303.0460	54,303.0460	2.0055		54,345.1616
Total	31.4085	96.3689	406.8636	1.3238	79.1632	2.1547	81.3179	21.2761	1.9860	23.2621		100,829.5373	100,829.5373	2.3294		100,878.4547

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9838	79.5576	182.7348	0.4974	14.1195	1.6920	15.8115	4.0231	1.5567	5.5797		46,567.8459	46,567.8459	0.3244		46,574.6580
Worker	17.5824	15.3100	213.7743	0.8268	65.0474	0.4681	65.5155	17.2544	0.4343	17.6887		53,793.9275	53,793.9275	1.9561		53,835.0045
Total	30.5662	94.8676	396.5091	1.3242	79.1669	2.1601	81.3270	21.2775	1.9909	23.2684		100,361.7733	100,361.7733	2.2804		100,409.6626

3.3 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.9838	79.5576	182.7348	0.4974	14.1195	1.6920	15.8115	4.0231	1.5567	5.5797		46,567.8459	46,567.8459	0.3244		46,574.6580
Worker	17.5824	15.3100	213.7743	0.8268	65.0474	0.4681	65.5155	17.2544	0.4343	17.6887		53,793.9275	53,793.9275	1.9561		53,835.0045
Total	30.5662	94.8676	396.5091	1.3242	79.1669	2.1601	81.3270	21.2775	1.9909	23.2684		100,361.7733	100,361.7733	2.2804		100,409.6626

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8963	78.8475	180.5678	0.4978	14.1234	1.6954	15.8188	4.0246	1.5598	5.5843		46,606.2298	46,606.2298	0.3252		46,613.0597
Worker	16.9385	14.7815	207.1662	0.8267	65.0474	0.4723	65.5197	17.2544	0.4382	17.6926		53,354.2576	53,354.2576	1.9117		53,394.4030
Total	29.8349	93.6290	387.7339	1.3245	79.1708	2.1677	81.3385	21.2790	1.9980	23.2770		99,960.4874	99,960.4874	2.2369		100,007.4627

3.3 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.8963	78.8475	180.5678	0.4978	14.1234	1.6954	15.8188	4.0246	1.5598	5.5843		46,606.2298	46,606.2298	0.3252		46,613.0597
Worker	16.9385	14.7815	207.1662	0.8267	65.0474	0.4723	65.5197	17.2544	0.4382	17.6926		53,354.2576	53,354.2576	1.9117		53,394.4030
Total	29.8349	93.6290	387.7339	1.3245	79.1708	2.1677	81.3385	21.2790	1.9980	23.2770		99,960.4874	99,960.4874	2.2369		100,007.4627

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7513	78.1994	178.0486	0.4980	14.1265	1.6963	15.8228	4.0258	1.5606	5.5864		46,635.2589	46,635.2589	0.3257		46,642.0982
Worker	16.3392	14.3082	201.3928	0.8268	65.0474	0.4761	65.5235	17.2544	0.4417	17.6962		52,978.5969	52,978.5969	1.8720		53,017.9098
Total	29.0905	92.5075	379.4414	1.3248	79.1739	2.1724	81.3463	21.2802	2.0023	23.2826		99,613.8559	99,613.8559	2.1977		99,660.0080

3.3 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.7513	78.1994	178.0486	0.4980	14.1265	1.6963	15.8228	4.0258	1.5606	5.5864		46,635.2589	46,635.2589	0.3257		46,642.0982
Worker	16.3392	14.3082	201.3928	0.8268	65.0474	0.4761	65.5235	17.2544	0.4417	17.6962		52,978.5969	52,978.5969	1.8720		53,017.9098
Total	29.0905	92.5075	379.4414	1.3248	79.1739	2.1724	81.3463	21.2802	2.0023	23.2826		99,613.8559	99,613.8559	2.1977		99,660.0080

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.6594	77.6627	176.1735	0.4983	14.1296	1.6972	15.8267	4.0270	1.5614	5.5884		46,661.8294	46,661.8294	0.3261		46,668.6769
Worker	15.7352	13.8558	195.8342	0.8268	65.0474	0.4791	65.5264	17.2544	0.4445	17.6989		52,657.8875	52,657.8875	1.8338		52,696.3979
Total	28.3946	91.5185	372.0077	1.3250	79.1769	2.1762	81.3531	21.2814	2.0059	23.2873		99,319.7169	99,319.7169	2.1599		99,365.0747

3.3 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	9.9278	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.6594	77.6627	176.1735	0.4983	14.1296	1.6972	15.8267	4.0270	1.5614	5.5884		46,661.8294	46,661.8294	0.3261		46,668.6769
Worker	15.7352	13.8558	195.8342	0.8268	65.0474	0.4791	65.5264	17.2544	0.4445	17.6989		52,657.8875	52,657.8875	1.8338		52,696.3979
Total	28.3946	91.5185	372.0077	1.3250	79.1769	2.1762	81.3531	21.2814	2.0059	23.2873		99,319.7169	99,319.7169	2.1599		99,365.0747

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.6051	77.1755	175.1962	0.4985	14.1325	1.6982	15.8307	4.0281	1.5624	5.5905		46,689.3941	46,689.3941	0.3265		46,696.2502
Worker	15.1559	13.4451	191.0022	0.8268	65.0474	0.4813	65.5287	17.2544	0.4465	17.7010		52,387.1993	52,387.1993	1.7989		52,424.9757
Total	27.7610	90.6206	366.1984	1.3253	79.1799	2.1795	81.3594	21.2825	2.0089	23.2915		99,076.5934	99,076.5934	2.1254		99,121.2259

3.3 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.6051	77.1755	175.1962	0.4985	14.1325	1.6982	15.8307	4.0281	1.5624	5.5905		46,689.3941	46,689.3941	0.3265		46,696.2502
Worker	15.1559	13.4451	191.0022	0.8268	65.0474	0.4813	65.5287	17.2544	0.4465	17.7010		52,387.1993	52,387.1993	1.7989		52,424.9757
Total	27.7610	90.6206	366.1984	1.3253	79.1799	2.1795	81.3594	21.2825	2.0089	23.2915		99,076.5934	99,076.5934	2.1254		99,121.2259

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.5743	76.7871	174.3168	0.4988	14.1360	1.7002	15.8362	4.0295	1.5642	5.5937		46,720.7641	46,720.7641	0.3270		46,727.6300
Worker	14.6106	13.0629	186.6283	0.8268	65.0474	0.4827	65.5301	17.2544	0.4478	17.7022		52,160.6746	52,160.6746	1.7672		52,197.7848
Total	27.1850	89.8500	360.9451	1.3257	79.1834	2.1829	81.3662	21.2839	2.0120	23.2960		98,881.4387	98,881.4387	2.0941		98,925.4148

3.3 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.5743	76.7871	174.3168	0.4988	14.1360	1.7002	15.8362	4.0295	1.5642	5.5937		46,720.7641	46,720.7641	0.3270		46,727.6300
Worker	14.6106	13.0629	186.6283	0.8268	65.0474	0.4827	65.5301	17.2544	0.4478	17.7022		52,160.6746	52,160.6746	1.7672		52,197.7848
Total	27.1850	89.8500	360.9451	1.3257	79.1834	2.1829	81.3662	21.2839	2.0120	23.2960		98,881.4387	98,881.4387	2.0941		98,925.4148

3.3 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.5321	76.4462	173.5441	0.4991	14.1395	1.7021	15.8416	4.0309	1.5660	5.5969		46,750.0995	46,750.0995	0.3274		46,756.9745
Worker	14.1056	12.7330	182.9070	0.8268	65.0474	0.4836	65.5310	17.2544	0.4487	17.7031		51,972.2171	51,972.2171	1.7393		52,008.7419
Total	26.6377	89.1792	356.4511	1.3260	79.1869	2.1857	81.3726	21.2853	2.0147	23.3000		98,722.3166	98,722.3166	2.0667		98,765.7163

3.3 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617
Total	1.3041	6.3343	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476	0.0000	2,884.8300	2,884.8300	0.1158		2,887.2617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	12.5321	76.4462	173.5441	0.4991	14.1395	1.7021	15.8416	4.0309	1.5660	5.5969		46,750.0995	46,750.0995	0.3274		46,756.9745
Worker	14.1056	12.7330	182.9070	0.8268	65.0474	0.4836	65.5310	17.2544	0.4487	17.7031		51,972.2171	51,972.2171	1.7393		52,008.7419
Total	26.6377	89.1792	356.4511	1.3260	79.1869	2.1857	81.3726	21.2853	2.0147	23.3000		98,722.3166	98,722.3166	2.0667		98,765.7163

3.4 Paving - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0247	0.0223	0.3209	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		91.1687	91.1687	3.0500e-003		91.2327
Total	0.0247	0.0223	0.3209	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		91.1687	91.1687	3.0500e-003		91.2327

3.4 Paving - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0247	0.0223	0.3209	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		91.1687	91.1687	3.0500e-003		91.2327
Total	0.0247	0.0223	0.3209	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		91.1687	91.1687	3.0500e-003		91.2327

3.4 Paving - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0240	0.0219	0.3155	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		90.8950	90.8950	3.0100e-003		90.9582
Total	0.0240	0.0219	0.3155	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		90.8950	90.8950	3.0100e-003		90.9582

3.4 Paving - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	5.5840	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0240	0.0219	0.3155	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		90.8950	90.8950	3.0100e-003		90.9582
Total	0.0240	0.0219	0.3155	1.4500e-003	0.1141	8.5000e-004	0.1150	0.0303	7.9000e-004	0.0311		90.8950	90.8950	3.0100e-003		90.9582

3.5 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	763.6085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	763.7392	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7360	2.4920	35.9713	0.1654	13.0080	0.0969	13.1048	3.4505	0.0899	3.5404		10,362.0279	10,362.0279	0.3431		10,369.2337
Total	2.7360	2.4920	35.9713	0.1654	13.0080	0.0969	13.1048	3.4505	0.0899	3.5404		10,362.0279	10,362.0279	0.3431		10,369.2337

3.5 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	763.6085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	763.7392	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7360	2.4920	35.9713	0.1654	13.0080	0.0969	13.1048	3.4505	0.0899	3.5404		10,362.0279	10,362.0279	0.3431		10,369.2337
Total	2.7360	2.4920	35.9713	0.1654	13.0080	0.0969	13.1048	3.4505	0.0899	3.5404		10,362.0279	10,362.0279	0.3431		10,369.2337

3.5 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	763.6085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	763.7392	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6456	2.4451	35.3818	0.1654	13.0080	0.0969	13.1049	3.4505	0.0899	3.5404		10,335.6352	10,335.6352	0.3387		10,342.7473
Total	2.6456	2.4451	35.3818	0.1654	13.0080	0.0969	13.1049	3.4505	0.0899	3.5404		10,335.6352	10,335.6352	0.3387		10,342.7473

3.5 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	763.6085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	763.7392	0.6850	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6456	2.4451	35.3818	0.1654	13.0080	0.0969	13.1049	3.4505	0.0899	3.5404		10,335.6352	10,335.6352	0.3387		10,342.7473
Total	2.6456	2.4451	35.3818	0.1654	13.0080	0.0969	13.1049	3.4505	0.0899	3.5404		10,335.6352	10,335.6352	0.3387		10,342.7473

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	358.0337	535.4251	3,365.8950	13.7978	920.6090	13.9278	934.5368	245.9659	12.8659	258.8318		961,265.3887	961,265.3887	24.7620		961,785.3906
Unmitigated	358.0337	535.4251	3,365.8950	13.7978	920.6090	13.9278	934.5368	245.9659	12.8659	258.8318		961,265.3887	961,265.3887	24.7620		961,785.3906

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	29,260.00	29,260.00	29,260.00	84,566,082	84,566,082
City Park	0.00	0.00	0.00		
General Office Building	62,970.27	62,970.27	62,970.27	158,958,371	158,958,371
Hardware/Paint Store	1,600.20	1,600.20	1,600.20	3,474,450	3,474,450
Hotel	8,987.00	8,987.00	8,987.00	20,461,781	20,461,781
Strip Mall	75,073.44	75,073.44	75,073.44	167,102,967	167,102,967
Total	177,890.91	177,890.91	177,890.91	434,563,652	434,563,652

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 Mid Rise	10.00	5.00	6.50	46.50	12.50	41.00	100	0	0
City Park	10.00	5.00	6.50	33.00	48.00	19.00	100	0	0
General Office Building	10.00	5.00	6.50	33.00	48.00	19.00	100	0	0
Hardware/Paint Store	10.00	5.00	6.50	13.60	67.40	19.00	100	0	0
Hotel	10.00	5.00	6.50	19.40	61.60	19.00	100	0	0
Strip Mall	10.00	5.00	6.50	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507436	0.069689	0.176394	0.141978	0.043819	0.006429	0.022470	0.018349	0.002445	0.002160	0.006237	0.000474	0.002120

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307
NaturalGas Unmitigated	5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	163919	1.7678	16.0705	13.4992	0.0964		1.2214	1.2214		1.2214	1.2214		19,284.5512	19,284.5512	0.3696	0.3536	19,401.9137	
Hardware/Paint Store	2204.38	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175	
Hotel	138409	1.4927	13.5696	11.3984	0.0814		1.0313	1.0313		1.0313	1.0313		16,283.4604	16,283.4604	0.3121	0.2985	16,382.5589	
Strip Mall	15577.6	0.1680	1.5272	1.2829	9.1600e-003		0.1161	0.1161		0.1161	0.1161		1,832.6640	1,832.6640	0.0351	0.0336	1,843.8173	
Apartments Mid Rise	151739	1.6364	13.9838	5.9506	0.0893		1.1306	1.1306		1.1306	1.1306		17,851.6809	17,851.6809	0.3422	0.3273	17,960.3233	
Total		5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307	

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	163.919	1.7678	16.0705	13.4992	0.0964		1.2214	1.2214		1.2214	1.2214		19,284.5512	19,284.5512	0.3696	0.3536	19,401.9137
Hardware/Paint Store	2.20438	0.0238	0.2161	0.1815	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.3392	259.3392	4.9700e-003	4.7500e-003	260.9175
Hotel	138.409	1.4927	13.5696	11.3984	0.0814		1.0313	1.0313		1.0313	1.0313		16,283.4604	16,283.4604	0.3121	0.2985	16,382.5589
Strip Mall	15.5776	0.1680	1.5272	1.2829	9.1600e-003		0.1161	0.1161		0.1161	0.1161		1,832.6640	1,832.6640	0.0351	0.0336	1,843.8173
Apartments Mid Rise	151.739	1.6364	13.9838	5.9506	0.0893		1.1306	1.1306		1.1306	1.1306		17,851.6809	17,851.6809	0.3422	0.3273	17,960.3233
Total		5.0886	45.3672	32.3126	0.2776		3.5157	3.5157		3.5157	3.5157		55,511.6957	55,511.6957	1.0640	1.0177	55,849.5307

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665
Unmitigated	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665

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	62.3439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	365.1910					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	17.2836	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056		1,041.6806	1,041.6806	0.9946		1,062.5665
Total	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665

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	62.3439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	365.1910					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	17.2836	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056		1,041.6806	1,041.6806	0.9946		1,062.5665
Total	444.8185	6.6469	576.3206	0.0306		3.2056	3.2056		3.2056	3.2056	0.0000	1,041.6806	1,041.6806	0.9946	0.0000	1,062.5665

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

2. CALINE-4 Outputs

RSPU CALINE-4 Output

Bannon St & Bercut Dr.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Bannon St / Bercut Dr
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* * * * * *	LINK COORDINATES (M)	* * * * * *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1 Y1 X2 Y2						
A. North Leg	* * * *	0 0 0 222	* * * *	AG	1339	12.5	0.0	10.0
B. South Leg	* * * *	0 0 0 -222	* * * *	AG	975	12.5	0.0	10.0
C. East Leg	* * * *	0 0 222 0	* * * *	AG	372	12.5	0.0	10.0
D. West Leg	* * * *	0 0 -222 0	* * * *	AG	0	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* * * * * *	COORDINATES (M)
		X Y Z
1. R1	* * * *	-15 15 1.8
2. R2	* * * *	15 15 1.8
3. R3	* * * *	15 -15 1.8
4. R4	* * * *	-15 -15 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * * * * *	BRG (DEG)	* * * * * *	PRED CONC (PPM)	* * * * * *	CONC/LINK (PPM)			
						A	B	C	D
1. R1	* * * *	10.	* * * *	3.3	* * * *	1.2	0.0	0.0	0.0
2. R2	* * * *	188.	* * * *	3.3	* * * *	0.0	1.0	0.2	0.0
3. R3	* * * *	352.	* * * *	3.6	* * * *	1.2	0.0	0.2	0.0
4. R4	* * * *	8.	* * * *	3.4	* * * *	1.2	0.0	0.0	0.0

♀

J St & 5th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: J St / 5th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	911	12.5	0.0	10.0
B. South Leg	0	0	0	-222	* AG	661	12.5	0.0	10.0
C. East Leg	0	0	222	0	* AG	1477	12.5	0.0	10.0
D. West Leg	0	0	-222	0	* AG	1775	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.9	0.5	0.0	1.3	0.0
2. R2	262.	4.1	0.5	0.0	0.0	1.5
3. R3	278.	4.0	0.0	0.3	0.0	1.5
4. R4	82.	3.8	0.0	0.3	1.3	0.0

♀

N B St & N 12th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: N B St / N 12th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	302	12.5	0.0	10.0
B. South Leg	0	0	0	-222	* AG	375	12.5	0.0	10.0
C. East Leg	0	0	222	0	* AG	999	12.5	0.0	10.0
D. West Leg	0	0	-222	0	* AG	922	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.3	0.2	0.0	1.0	0.0
2. R2	262.	3.2	0.2	0.0	0.0	0.9
3. R3	278.	3.2	0.0	0.2	0.0	0.9
4. R4	82.	3.3	0.0	0.2	1.0	0.0

♀

Railyards Blvd & 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / 7th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	525	12.5	0.0	10.0
B. South Leg	0	0	0	-222	* AG	1418	12.5	0.0	10.0
C. East Leg	0	0	222	0	* AG	1397	12.5	0.0	10.0
D. West Leg	0	0	-222	0	* AG	2012	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* CONC (PPM)	* A	* B	* C	* D
1. R1	172.	4.4	0.0	1.3	0.0	1.0	0.0
2. R2	188.	4.1	0.0	1.3	0.7	0.0	0.0
3. R3	278.	4.4	0.0	0.7	0.0	1.6	0.0
4. R4	82.	4.1	0.0	0.7	1.3	0.0	0.0

♀

Richards Blvd & I-5 Ramps.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Richards Blvd & I-5 Ramps
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* * X1	LINK COORDINATES (M) Y1	X2	Y2	* * TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	* 0	0	0	222	* AG	2817	12.5	0.0	10.0
B. South Leg	* 0	0	0	-222	* AG	1233	12.5	0.0	10.0
C. East Leg	* 0	0	222	0	* AG	3660	12.5	0.0	10.0
D. West Leg	* 0	0	-222	0	* AG	3338	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* * X	COORDINATES (M) Y	Z
1. R1	* -15	15	1.8
2. R2	* 15	15	1.8
3. R3	* 15	-15	1.8
4. R4	* -15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* CONC/LINK (PPM) A	B	C	D
1. R1	* 100.	* 6.1	* 1.3	0.0	2.6	0.0
2. R2	* 260.	* 5.8	* 1.3	0.0	0.0	2.4
3. R3	* 350.	* 5.9	* 2.0	0.0	1.7	0.0
4. R4	* 10.	* 5.7	* 2.0	0.0	0.0	1.5

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Richards Blvd & N 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Richards Blvd & N 7th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* * * * * *	LINK X1	COORDINATES Y1	(M) X2	(M) Y2	* * * * * *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	* * * * * *	0	0	0	222	* * * * * *	AG	197	12.5	0.0	10.0
B. South Leg	* * * * * *	0	0	0	-222	* * * * * *	AG	800	12.5	0.0	10.0
C. East Leg	* * * * * *	0	0	222	0	* * * * * *	AG	1965	12.5	0.0	10.0
D. West Leg	* * * * * *	0	0	-222	0	* * * * * *	AG	1496	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* * * * * *	COORDINATES X	(M) Y	Z
1. R1	* * * * * *	-15	15	1.8
2. R2	* * * * * *	15	15	1.8
3. R3	* * * * * *	15	-15	1.8
4. R4	* * * * * *	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * * * * *	BRG (DEG)	* * * * * *	PRED CONC (PPM)	* * * * * *	CONC/LINK (PPM)			
						A	B	C	D
1. R1	* * * * * *	98.	* * * * * *	3.8	* * * * * *	0.1	0.0	1.6	0.0
2. R2	* * * * * *	188.	* * * * * *	3.9	* * * * * *	0.0	0.8	0.9	0.0
3. R3	* * * * * *	278.	* * * * * *	3.9	* * * * * *	0.0	0.4	0.0	1.3
4. R4	* * * * * *	82.	* * * * * *	4.1	* * * * * *	0.0	0.4	1.6	0.0

♀

South Park St & Bercut Dr.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: South Park St / Bercut Dr
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	975	12.5	0.0	10.0
B. South Leg	0	0	0	-222	* AG	909	12.5	0.0	10.0
C. East Leg	0	0	222	0	* AG	560	12.5	0.0	10.0
D. West Leg	0	0	-222	0	* AG	0	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.2	0.5	0.0	0.6	0.0
2. R2	188.	3.3	0.0	0.9	0.3	0.0
3. R3	352.	3.4	1.0	0.0	0.3	0.0
4. R4	82.	3.2	0.0	0.5	0.6	0.0

♀

KP Medical Center CALINE-4 Output

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: J Street/3rd Street/I-5 NB Off-Ramp
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	576	12.5	0.0	10.0
B. South Leg	0	0	0	-222	AG	881	12.5	0.0	10.0
C. East Leg	0	0	222	0	AG	1457	12.5	0.0	10.0
D. West Leg	0	0	-222	0	AG	1529	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.7	0.3	0.0	1.3	0.0
2. R2	262.	3.8	0.3	0.0	0.0	1.3
3. R3	278.	3.9	0.0	0.4	0.0	1.3
4. R4	82.	3.9	0.0	0.4	1.3	0.0

♀

N B St & 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: N. B Street/7th Street
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
BRG= WORST CASE VD= 0.0 CM/S
CLAS= 7 (G) VS= 0.0 CM/S
MIXH= 1000. M AMB= 2.1 PPM
SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	1055	12.5	0.0	10.0
B. South Leg	0	0	0	-222	AG	1708	12.5	0.0	10.0
C. East Leg	0	0	222	0	AG	776	12.5	0.0	10.0
D. West Leg	0	0	-222	0	AG	245	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	3.7	0.0	1.4	0.0	0.1
2. R2	188.	4.0	0.0	1.4	0.4	0.0
3. R3	352.	3.6	1.0	0.0	0.4	0.0
4. R4	82.	3.8	0.0	0.8	0.8	0.0

♀

Railyards Blvd & 5th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Boulevard/5th Street
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	845	12.5	0.0	10.0
B. South Leg	0	0	0	-222	AG	611	12.5	0.0	10.0
C. East Leg	0	0	222	0	AG	1462	12.5	0.0	10.0
D. West Leg	0	0	-222	0	AG	1160	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.9	0.4	0.0	1.3	0.0
2. R2	262.	3.7	0.4	0.0	0.0	1.1
3. R3	352.	3.7	0.8	0.0	0.7	0.0
4. R4	82.	3.8	0.0	0.3	1.3	0.0

♀

Railyards Blvd & 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Boulevard/7th Street
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	1708	12.5	0.0	10.0
B. South Leg	0	0	0	-222	* AG	633	12.5	0.0	10.0
C. East Leg	0	0	222	0	* AG	0	12.5	0.0	10.0
D. West Leg	0	0	-222	0	* AG	1749	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	3.6	0.0	0.7	0.0	0.8
2. R2	262.	4.4	0.8	0.0	0.0	1.5
3. R3	278.	3.9	0.0	0.3	0.0	1.5
4. R4	8.	4.4	1.4	0.0	0.0	0.8

♀

Railyards Blvd & HSB Entry & Stanford St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Boulevard/HSB Entry / Stanford
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	40	12.5	0.0	10.0
B. South Leg	0	0	0	-222	AG	0	12.5	0.0	10.0
C. East Leg	0	0	222	0	AG	1190	12.5	0.0	10.0
D. West Leg	0	0	-222	0	AG	1190	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.3	0.0	0.0	1.1	0.0
2. R2	262.	3.3	0.0	0.0	0.0	1.1
3. R3	278.	3.3	0.0	0.0	0.0	1.1
4. R4	82.	3.3	0.0	0.0	1.1	0.0

♀

Richards Blvd & I-5 SB Ramps.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Richards Boulevard/I-5 SB Ramps
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	893	12.5	0.0	10.0
B. South Leg	0	0	0	-222	* AG	787	12.5	0.0	10.0
C. East Leg	0	0	222	0	* AG	2157	12.5	0.0	10.0
D. West Leg	0	0	-222	0	* AG	1359	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	4.3	0.5	0.0	1.7	0.0
2. R2	188.	4.0	0.0	0.8	1.0	0.0
3. R3	352.	4.0	0.9	0.0	1.0	0.0
4. R4	82.	4.2	0.0	0.4	1.7	0.0

♀

South Park St & Bercut Dr.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: South Park Street/Bercut Drive
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	979	12.5	0.0	10.0
B. South Leg	0	0	0	-222	AG	663	12.5	0.0	10.0
C. East Leg	0	0	222	0	AG	478	12.5	0.0	10.0
D. West Leg	0	0	-222	0	AG	0	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.2	0.5	0.0	0.5	0.0
2. R2	188.	3.1	0.0	0.7	0.3	0.0
3. R3	352.	3.3	1.0	0.0	0.3	0.0
4. R4	8.	3.1	1.0	0.0	0.0	0.0

♀

MLS Stadium CALINE-4 Output

Railyards Blvd & 6th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / 6th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	0	12.5	0.0	10.0
B. South Leg	0	0	0	-222	AG	404	12.5	0.0	10.0
C. East Leg	0	0	222	0	AG	990	12.5	0.0	10.0
D. West Leg	0	0	-222	0	AG	718	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.1	0.0	0.0	1.0	0.0
2. R2	188.	3.1	0.0	0.5	0.5	0.0
3. R3	278.	3.1	0.0	0.2	0.0	0.7
4. R4	82.	3.3	0.0	0.2	1.0	0.0

♀

Railyards Blvd & 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / 7th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	867	12.5	0.0	10.0
B. South Leg	0	0	0	-222	* AG	687	12.5	0.0	10.0
C. East Leg	0	0	222	0	* AG	710	12.5	0.0	10.0
D. West Leg	0	0	-222	0	* AG	990	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	3.4	0.0	0.7	0.0	0.5
2. R2	262.	3.5	0.4	0.0	0.0	1.0
3. R3	278.	3.5	0.0	0.4	0.0	1.0
4. R4	8.	3.5	0.9	0.0	0.0	0.5

♀

Richards Blvd & N 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Richards Blvd / N 7th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	892	12.5	0.0	10.0
B. South Leg	0	0	0	-222	AG	875	12.5	0.0	10.0
C. East Leg	0	0	222	0	AG	2247	12.5	0.0	10.0
D. West Leg	0	0	-222	0	AG	2202	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	4.3	0.5	0.0	1.7	0.0
2. R2	262.	4.3	0.5	0.0	0.0	1.7
3. R3	278.	4.3	0.0	0.4	0.0	1.7
4. R4	82.	4.3	0.0	0.4	1.7	0.0

♀

Cumulative CALINE-4 Output

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: C St / 3rd St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	113	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	1287	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	2915	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	1749	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	100.	3.1	0.0	0.0	0.9	0.0
2. R2	188.	3.2	0.0	0.5	0.6	0.0
3. R3	278.	3.1	0.0	0.3	0.0	0.6
4. R4	80.	3.3	0.0	0.3	0.9	0.0

♀

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: C St / 5th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	911	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	1793	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	1749	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	1051	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	3.0	0.0	0.6	0.0	0.2
2. R2	188.	3.2	0.0	0.6	0.4	0.0
3. R3	278.	3.0	0.0	0.4	0.0	0.4
4. R4	82.	3.1	0.0	0.4	0.6	0.0

♀

Camille Ln & 6th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Camille Ln / 6th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	975	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	1225	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	0	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	894	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	2.8	0.0	0.5	0.0	0.2
2. R2	262.	2.7	0.2	0.0	0.0	0.4
3. R3	278.	2.8	0.0	0.3	0.0	0.4
4. R4	8.	2.8	0.4	0.0	0.0	0.2

♀

Camille Ln & Bercut Dr.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Camille Ln / Bercut Dr
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	772	5.4	0.0	10.0
B. South Leg	0	0	0	-222	* AG	583	5.4	0.0	10.0
C. East Leg	0	0	222	0	* AG	970	5.4	0.0	10.0
D. West Leg	0	0	-222	0	* AG	395	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	2.7	0.2	0.0	0.4	0.0
2. R2	188.	2.6	0.0	0.3	0.2	0.0
3. R3	352.	2.7	0.3	0.0	0.2	0.0
4. R4	82.	2.7	0.0	0.1	0.4	0.0

♀

Camille Ln & Huntington St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Camille Ln / Huntington St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	490	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	0	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	1148	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	846	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	2.7	0.1	0.0	0.5	0.0
2. R2	262.	2.6	0.1	0.0	0.0	0.4
3. R3	352.	2.6	0.2	0.0	0.3	0.0
4. R4	82.	2.6	0.0	0.0	0.5	0.0

♀

Camille Ln & Stanford St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Camille Ln / Stanford St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	347	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	278	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	1125	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	994	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	2.7	0.1	0.0	0.5	0.0
2. R2	262.	2.6	0.1	0.0	0.0	0.4
3. R3	278.	2.6	0.0	0.1	0.0	0.4
4. R4	82.	2.7	0.0	0.1	0.5	0.0

♀

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: F St / 7th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	2392	5.4	0.0	10.0
B. South Leg	0	0	0	-222	* AG	1345	5.4	0.0	10.0
C. East Leg	0	0	222	0	* AG	1242	5.4	0.0	10.0
D. West Leg	0	0	-222	0	* AG	83	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.1	0.5	0.0	0.5	0.0
2. R2	188.	2.9	0.0	0.5	0.3	0.0
3. R3	351.	3.2	0.8	0.0	0.3	0.0
4. R4	82.	2.9	0.0	0.3	0.5	0.0

♀

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: I St / 6th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	1483	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	1387	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	2134	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	2690	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	3.2	0.0	0.5	0.0	0.5
2. R2	260.	3.3	0.3	0.0	0.0	0.8
3. R3	280.	3.3	0.0	0.3	0.0	0.8
4. R4	8.	3.2	0.6	0.0	0.0	0.5

♀

J St & 3rd St & I-5 NB Off-Ramp.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: J St / 3rd St / I 5 NB Off-Ramp
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	617	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	1099	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	1954	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	2154	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	3.0	0.0	0.5	0.0	0.4
2. R2	262.	3.0	0.1	0.0	0.0	0.7
3. R3	278.	3.1	0.0	0.2	0.0	0.7
4. R4	82.	3.1	0.0	0.2	0.7	0.0

♀

N B St & N 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: N B St / N 7th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	1486	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	1945	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	2206	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	1101	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.2	0.3	0.0	0.7	0.0
2. R2	188.	3.3	0.0	0.7	0.4	0.0
3. R3	352.	3.2	0.6	0.0	0.4	0.0
4. R4	82.	3.3	0.0	0.4	0.7	0.0

♀

Railyards Blvd & 6th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / 6th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	1121	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	975	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	2148	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	1954	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.1	0.2	0.0	0.7	0.0
2. R2	262.	3.1	0.2	0.0	0.0	0.7
3. R3	278.	3.0	0.0	0.2	0.0	0.7
4. R4	82.	3.1	0.0	0.2	0.7	0.0

♀

Railyards Blvd & 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / 7th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	1586	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	2392	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	1350	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	2148	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	171.	3.4	0.0	0.8	0.0	0.4
2. R2	189.	3.2	0.0	0.8	0.3	0.0
3. R3	278.	3.3	0.0	0.5	0.0	0.7
4. R4	82.	3.2	0.0	0.5	0.5	0.0

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Railyards Blvd & 8th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / 8th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	130	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	0	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	1240	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	1350	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	2.7	0.0	0.0	0.5	0.0
2. R2	262.	2.7	0.0	0.0	0.0	0.5
3. R3	278.	2.7	0.0	0.0	0.0	0.5
4. R4	82.	2.6	0.0	0.0	0.5	0.0

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Railyards Blvd & Huntington St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / Huntington St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	564	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	539	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	2205	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	2320	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	3.0	0.1	0.0	0.7	0.0
2. R2	262.	3.0	0.1	0.0	0.0	0.8
3. R3	278.	3.0	0.0	0.1	0.0	0.8
4. R4	82.	3.0	0.0	0.1	0.7	0.0

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Railyards Blvd & Jibboom St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / Jibboom St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	916	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	0	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	3691	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	2915	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	100.	3.5	0.2	0.0	1.2	0.0
2. R2	260.	3.3	0.2	0.0	0.0	0.9
3. R3	352.	3.3	0.4	0.0	0.7	0.0
4. R4	80.	3.3	0.0	0.0	1.2	0.0

♀

Railyards Blvd & Judah St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Railyards Blvd / Judah St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	58	5.4	0.0	10.0
B. South Leg	0	0	0	-222	* AG	0	5.4	0.0	10.0
C. East Leg	0	0	222	0	* AG	1954	5.4	0.0	10.0
D. West Leg	0	0	-222	0	* AG	1958	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	98.	2.8	0.0	0.0	0.7	0.0
2. R2	262.	2.8	0.0	0.0	0.0	0.7
3. R3	278.	2.8	0.0	0.0	0.0	0.7
4. R4	82.	2.8	0.0	0.0	0.7	0.0

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Richards Blvd & I-5 SB Ramps.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Richards Blvd / I-5 SB Ramps
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	1061	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	937	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	2628	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	1356	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	100.	3.2	0.2	0.0	0.8	0.0
2. R2	188.	3.1	0.0	0.4	0.5	0.0
3. R3	352.	3.1	0.4	0.0	0.5	0.0
4. R4	80.	3.2	0.0	0.2	0.8	0.0

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Richards Blvd & N 7th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Richards Blvd / N 7th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	566	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	1356	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	2515	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	2553	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	3.2	0.0	0.5	0.0	0.5
2. R2	188.	3.2	0.0	0.5	0.5	0.0
3. R3	280.	3.2	0.0	0.3	0.0	0.8
4. R4	80.	3.2	0.0	0.3	0.8	0.0

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South Park St & 5th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: South Park St / 5th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	1297	12.5	0.0	10.0
B. South Leg	0	0	0	-222	AG	1333	12.5	0.0	10.0
C. East Leg	0	0	222	0	AG	364	12.5	0.0	10.0
D. West Leg	0	0	-222	0	AG	798	12.5	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	3.8	0.0	1.2	0.0	0.4
2. R2	262.	3.6	0.6	0.0	0.0	0.8
3. R3	278.	3.6	0.0	0.7	0.0	0.8
4. R4	8.	3.7	1.2	0.0	0.0	0.4

♀

South Park St & 6th St.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: South Park St / 6th St
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	AG	942	5.4	0.0	10.0
B. South Leg	0	0	0	-222	AG	1084	5.4	0.0	10.0
C. East Leg	0	0	222	0	AG	669	5.4	0.0	10.0
D. West Leg	0	0	-222	0	AG	325	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	2.7	0.0	0.4	0.0	0.1
2. R2	188.	2.7	0.0	0.4	0.2	0.0
3. R3	352.	2.7	0.4	0.0	0.2	0.0
4. R4	82.	2.7	0.0	0.2	0.3	0.0

♀

South Park St & Bercut Dr.dat

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: South Park St / Bercut Dr
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT:

I. SITE VARIABLES

U= 0.5 M/S Z0= 400. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.1 PPM
 SIGTH= 5. DEGREES TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. North Leg	0	0	0	222	* AG	1097	5.4	0.0	10.0
B. South Leg	0	0	0	-222	* AG	1189	5.4	0.0	10.0
C. East Leg	0	0	222	0	* AG	518	5.4	0.0	10.0
D. West Leg	0	0	-222	0	* AG	0	5.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1	-15	15	1.8
2. R2	15	15	1.8
3. R3	15	-15	1.8
4. R4	-15	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D
1. R1	172.	2.6	0.0	0.5	0.0	0.0
2. R2	188.	2.7	0.0	0.5	0.1	0.0
3. R3	352.	2.7	0.5	0.0	0.1	0.0
4. R4	82.	2.6	0.0	0.3	0.2	0.0

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3. AEDT Output

4. Generator and Boiler Emissions

Alternative	Type	Power Output Output, kW/MBH	Number of Generators	HP	MMBTU per Hour	Hour per day	LF	ROG [g/bhp-hr]/[lb/MMBtu] ¹	NOx [g/bhp-hr]/[lb/MMBtu] ¹	PM10 [g/bhp-hr]/[lb/MMBtu] ¹	PM2.5 [g/bhp-hr]/[lb/MMBtu] ¹	ROG [ppd]	NOx [ppd]	PM10 [ppd]	PM2.5 [ppd]	PM10 [tpy]	PM2.5 [tpy]
Outfall	Emergency Generator	500	1	373	--	2	70%	0.0600	0.2600	0.0080	0.0080	0.069	0.299	0.009	0.009	0.002	0.002
KP Medical Center	Emergency Generator	2000	2	2,983	--	2	70%	0.0600	0.2600	0.0080	0.0080	0.551	2.389	0.073	0.073	0.013	0.013
MLS Stadium	Emergency Generator	200	1	149	--	2	70%	0.0600	0.2600	0.0080	0.0080	0.028	0.119	0.004	0.004	0.001	0.001
KP Medical Center	Boiler	9000	4	--	36	24	70%	0.0980	0.0054	0.0075	0.0075	59.294	3.261	4.506	4.506	0.822	0.822

Notes:
1. Emission factors for the emergency generators and boilers were obtain from the Offroad2011 Model and the Natural Gas Boilers Emission Factors (AP-42, Table 1.4-1), respectively.

Appendix C.2

Operational Air Quality Mitigation Plan



Operational Air Quality Mitigation Plan
Prepared for the

Railyards Specific Plan Update Subsequent Environmental Impact Report

Prepared by:
ESA
2600 Capitol Avenue, Suite 200
Sacramento, CA 95816

May 2016

Appendix C2 – Operational Air Quality Mitigation Plan for the RSPU

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Introduction

The Sacramento Metropolitan Air Quality Management District (SMAQMD) has developed guidance to mitigate operational emissions for projects subject to the California Environmental Quality Act.¹ SMAQMD's guidance recommends that project applicants prepare an Air Quality Mitigation Plan (AQMP) for all projects that exceed SMAQMD's operational significance thresholds of 65 pounds per day for reactive organic gases (ROG) and/or 65 pounds per day for nitrogen oxides (NO_x).

If a project exceeds these thresholds, design features and/or mitigation measures must be identified to reduce on-road mobile source emissions by 15 percent if the project is within the current State Implementation Plan (SIP), or by 35 percent if not within the SIP. Since the Railyards is included within the SIP, the 15 percent reduction applies to this project. The emissions reduction measures used to demonstrate a 15 percent reducing, as described below, reflects the proposed design features found in the Railyards Specific Plan Update (RSPU). As demonstrated below, the RSPU would achieve the SMAQMD's 15 percent emission reduction requirement for mobile source emissions and would not need to implement any additional mitigation reduction measures.

SMAQMD Guidance

The following steps are used to determine if a project meets the 15 percent reduction goal. The first step involves estimating total unmitigated ROG and NO_x emissions using CalEEMod default values. Since this project includes a traffic analysis, the second step involves estimating mitigated ROG and NO_x emissions using CalEEMod but adjusted for the vehicle miles traveled (VMT) estimates included in the project traffic report. Then, the decrease in ROG and NO_x mobile source emissions between unmitigated and mitigated is calculated, and the difference is converted to NO_x equivalents or NO_xe. NO_xe is the sum of NO_x reductions plus one-third of ROG reductions. If the project meets the 15 percent NO_xe reduction goal, it is considered consistent with the SIP.

RSPU Emission Reductions

RSPU Unmitigated Emissions

Unmitigated RSPU ROG and NO_x emissions from mobile sources were estimated using the CalEEMod model (2013.2.2 version). Table C2-1 shows these emissions with and without a major league soccer match. With one exception, the unmitigated emissions have been estimated using CalEEMod default values. The only exception is that the daily trip generation rates are based on the trip rates included in the traffic study.

¹ Sacramento Metropolitan Air Quality Management District. Recommended Guidance for Land Use Emission Reductions, Version 3.2 (for Operational Emissions). Accessed April 14, 2015.

RSPU Mitigated Emissions

Table C2-1 also shows mitigated emissions with and without a major league soccer match. The mitigated emission estimates were also estimated using CalEEMod, except that trip lengths were adjusted so that the RSPU's VMT estimates match those in the project traffic analysis. This approach matches SMAQMD's Off-Model Measure (TS: Traffic Study (meta-measure)) included in SMAQMD's AQMP guidance.

**TABLE C2-1
RSPU PERCENT REDUCTION OF MOBILE EMISSIONS OF NO_xe
WITH AND WITHOUT MITIGATION¹**

Alternative	Unmitigated Emissions (ppd)			Mitigated Emissions (ppd)			Percent Reduction	Exceed 15%?
	ROG	NO _x	NO _x e ²	ROG	NO _x	NO _x e ²		
RSPU (w without MLS Match)	346	531	646.3	322	426	533.3	17%	Yes
RSPU (w ith MLS Match)	394	629	760.3	371	526	650.7	15%	Yes

1. Operational emissions estimates for summertime conditions were made using CalEEMod 2013.2.2. See Appendix C1 for details.

2. NO_xe as defined by the SMAQMD is the reduction in ROG divided by 3 plus the reduction in NO_x.

Source: ESA, 2016

The traffic study (meta-measure) recognizes that site-specific information is better than information generated from a statewide model. Consequently, it recommends that if a project has a traffic study, then that study should be used in lieu of the CalEEMod model defaults to estimate unmitigated emissions.² SMAQMD's guidance states that traffic studies typically include calculations of internal trip capture, the mix of land uses, distances to job centers, and transit, walking, and cycling information. In lieu of using CalEEMod's built in mitigation measures, SMAQMD recommends that the project traffic study should be used instead. To do this, CalEEMod's default values (typically trip generation rates and trip lengths) are adjusted so that its VMT estimates are consistent with the traffic study, and adding any mitigation not accounted for in the traffic study. The VMT estimates for the RSPU were modeled using the Sacramento Area Council of Government's (SACOG) SACMET travel demand model.³ SACMET accounts for several factors that reduce project VMT. These include:

² Sacramento Metropolitan Air Quality Management District. *Operational Emissions Mitigation*. <http://www.airquality.org/ceqa/mitigation.shtml>. Accessed April 14, 2016.

³ Fehr & Peers, 2016. Railyards Specific Plan SEIR Traffic Study. March, 2016.

- job accessibility (within a 30 minute drive or transit travel time),
- proximity to transit (distance to nearest light rail or bus station, in miles),
- availability of Class 1 and 2 bike lanes within and adjacent to the project,
- parameters that effect walking, including sidewalks and pedestrian paths and distances to transit, commercial, and related destinations,
- job and housing density (dwelling units and jobs per acre), and
- jobs and housing mix.

The CalEEMod default estimate of total vehicle miles traveled (VMT) was revised to be consistent with the project-specific VMT estimates. Within CalEEMod, VMT estimates for each land use type are the product of trip generation rates times trip lengths. CalEEMod’s default trip lengths were adjusted so that its VMT matched the project specific estimates.

AQMP Effectiveness

After modeling the unmitigated project emissions, SMAQMD recommends applying all feasible project mitigation and recalculating the daily summer emissions as NO_xe. The effectiveness of the mitigation plan is then calculated as a percentage reduction from the unmitigated project, defined as follows:

$$\text{AQMP Effectiveness} = ((\text{Unmitigated Project NO}_{x\text{e}} - \text{Mitigated Project NO}_{x\text{e}}) / \text{Unmitigated Project NO}_{x\text{e}}) \times 100$$

Using the SMAQMD Recommended Guidance for Land Use Emission Reduction,⁴ the percent reduction of mobile emissions of NO_xe after mitigation for the RSPU (with and without a major league soccer match) is presented in Table C2-1. The average daily trip lengths for each proposed land use were adjusted in the each mitigated CalEEMod run until the annual VMT matched those provided by Fehr & Peers for the RSPU (with and without a major league soccer match).⁵

As shown in Table C2-1, the RSPU (with and without a major league soccer match) would result in a 17 and 15 percent reduction in NO_xe emissions after mitigation, respectively. The RSPU would achieve a 15 percent emission reduction/mitigation guideline established by the SMAQMD and would be consistent with the SIP.

RSPU Land Use Variant Emission Reductions

RSPU Land Use Variant Unmitigated Emissions

ROG and NO_x operational mobile source unmitigated emissions were estimated using the CalEEMod model (2013.2.2 version). Table C2-2 shows these emissions for the RSPU Land Use Variant. With one exception, unmitigated emissions have been estimated using CalEEMod

⁴ SMAQMD, 2015. Recommended Guidance for Land Use Emission Reductions Version 3.2 (for Operations Emissions). April 1, 2015.

⁵ Fehr & Peers, 2016. Railyards Traffic Impact Study. March 2016.

default values. The only exception is that the daily trip generation rates are based on the trip rates included in the traffic study.

RSPU Land Use Variant Mitigated Emissions

Table C2-2 also shows mitigated mobile source emissions for the RSPU Land Use Variant. The mitigated emission estimates were also estimated using CalEEMod, except that trip lengths were adjusted so that the RSPU Land Use Variant’s VMT estimates match those in the project traffic analysis. This approach matches SMAQMD’s Off-Model Measure (TS: Traffic Study (meta-measure)) included in SMAQMD’s AQMP guidance.

**TABLE C2-2
RSPU LAND USE VARIANT PERCENT REDUCTION OF MOBILE EMISSIONS OF NO_xe
AFTER MITIGATION¹**

Alternative	Unmitigated Emissions (ppd)			Mitigated Emissions (ppd)			Percent Reduction	Exceed 15%?
	ROG	NO _x	NO _x e ²	ROG	NO _x	NO _x e ²		
RSPU Land Use Variant	358	535	654.3	336	439	551.0	16%	Yes

1. Operational emissions estimates for summertime conditions were made using CalEEMod 2013.2.2. See Appendix C1 for details.

2. NO_xe as defined by the SMAQMD is the reduction in ROG divided by 3 plus the reduction in NO_x.

Source: ESA, 2016

Just like the RSPU, the VMT estimates for the RSPU Land Use Variant were modeled using the Sacramento Area Council of Government’s (SACOG) SACMET travel demand model.⁶ SACMET accounts for several factors that reduce project VMT. These include:

- job accessibility (within a 30 minute drive or transit travel time),
- proximity to transit (distance to nearest light rail or bus station, in miles),
- availability of Class 1 and 2 bike lanes within and adjacent to the project,
- parameters that effect walking, including sidewalks and pedestrian paths and distances to transit, commercial, and related destinations,
- job and housing density (dwelling units and jobs per acre), and
- jobs and housing mix.

The CalEEMod default estimate of total vehicle miles traveled (VMT) was revised to be consistent with the project-specific VMT estimates. Within CalEEMod, VMT estimates for each land use type are the product of trip generation rates times trip lengths. CalEEMod’s default trip lengths were adjusted so that its VMT matched the project specific estimates.

⁶ Fehr & Peers, 2016. Railyards Specific Plan SEIR Traffic Study. March, 2016.

AQMP Effectiveness

Using the SMAQMD Recommended Guidance for Land Use Emission Reduction,⁷ the percent reduction of mobile emissions of NO_xe after mitigation for the RSPU Land Use Variant is presented in Table C2-2. The average daily trip lengths for each proposed land use were adjusted in the each mitigated CalEEMod run until the annual VMT matched those provided by Fehr & Peers for the RSPU Land Use Variant.⁸

As shown in Table C2-2, the RSPU Land Use Variant would result in a 16 percent reduction in NO_xe emissions after mitigation, respectively. The RSPU Land Use Variant would achieve 15 percent emission reduction/mitigation guideline established by the SMAQMD and would be consistent with the SIP.

⁷ SMAQMD, 2015. Recommended Guidance for Land Use Emission Reductions Version 3.2 (for Operations Emissions). April 1, 2015.

⁸ Fehr & Peers, 2016. Railyards Traffic Impact Study. March 2016.

Appendix C.3

Health Risk Assessment

HEALTH RISK ASSESSMENT

Prepared for the

Railyards Specific Plan Update Subsequent Environmental Impact Report

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May 2016

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SUMMARY

The Proposed Project includes the Railyards Specific Plan Update (RSP), the Railyards Specific Plan Update Land Use Variant (Variant), the Kaiser Permanente Medical Center (KPMC), the Major League Soccer Stadium (Stadium), and the Stormwater Outfall. The SEIR project description includes a listing of the objectives and land uses for each of these options. The project site is located in the area of downtown Sacramento north of I Street, east of the Sacramento River, south on North B Street, and west of N. 7th Street.

The purpose of this health risk assessment (HRA) is to determine the potential cancer risks, and chronic and acute health hazards, faced by the future residents of the proposed project and by residents and other sensitive receptors that live in the project area. This HRA focuses on diesel particulate matter (DPM) emissions resulting from diesel vehicle traffic on I-5 as it passes through downtown Sacramento. The HRA also evaluates DPM emissions from backup diesel generators to be located at the KPMC, the Stadium, and the Outfall. Finally, the HRA evaluates the health risks from natural gas fired boilers to be used by the KPMC. The analysis considers a 30-year exposure scenario consistent with guidance from the California Office of Environmental Health Hazard Assessment (OEHHA, 2015a). A 30-year exposure period is conservative (i.e., health protective) and assumes residents would be exposed continuously to diesel particulate matter (DPM) emissions for 30 years, which is the maximum amount of time that individuals typically reside in the same place.

This HRA finds that the project's residents, residents living near the Project, and other sensitive receptors in the area would not be exposed to a cancer risk exceeding SMAQMD's significance threshold of 10 in 1 million cancer risk threshold under a 30-year exposure scenario. Also, sensitive receptors would not be exposed to concentrations of toxic air contaminants that would exceed SMAQMD's noncancer chronic and acute health hazard index of 1.0. It is important to note that emissions will improve over time due to more stringent state and federal standards for air pollutants and from turnover in the fleet as older, higher emitting vehicles are replaced by lower-emitting vehicles.

INTRODUCTION

Purpose

This HRA estimates the toxic air contaminant (TAC) emissions associated with stationary sources (diesel generators and natural gas fired boilers) and diesel traffic traveling on Interstate 5 (I-5) through the RSPU site and the health effects of those emissions on existing and future residents and other sensitive receptors.

Project Description

The proposed project and alternatives are located within the RSPU area of the City of Sacramento, California. The detailed project description is included as part of the Supplemental Environmental Impact Report (SEIR).

Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic noncancer health effects. A toxic substance released into the air is considered a toxic air contaminant (TAC). Examples include certain aromatic and chlorinated hydrocarbons, diesel particulate matter (DPM), certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as trucks and automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced either on short-term (acute) or long-term (chronic) exposure to a given TAC.

California's air toxics control program began in 1983 with the passage of the Toxic Air Contaminant Identification and Control Act, Assembly Bill (AB) 1807, better known as the Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic compounds. When a compound becomes listed as a TAC under the Tanner process, the California Air Resources Board (CARB) normally establishes minimum statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 189 federal hazardous air pollutants had been listed by the CARB as state TACs. In April 1993, the CARB added 171 substances to the state program to make the state TAC list equivalent to the federal list of hazardous air pollutants. In 1998, CARB designated diesel engine exhaust particulate matter (DPM) as a TAC (CARB 1998). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens.

The second major component of California's air toxics program, supplementing the Tanner process, was provided by the passage of AB 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987. AB 2588 currently regulates over 600 compounds, including all of the Tanner-designated TACs.

Additionally, Proposition 65, passed by California voters in 1986, required that a list of carcinogenic and reproductive toxicants found in the environment be compiled, the discharge of these toxicants into drinking water be prohibited, and warnings of public exposure by air, land, or water be posted if a significant adverse public health risk is posed. The emission of any of the listed substances by a facility would require a public warning unless health risks could be demonstrated to be less than significant. For carcinogens, Proposition 65 defines the "no significant risk level" as the level of exposure that would result in an increased cancer risk of greater than 10 in 1 million over a 70-year lifetime. The "no significant risk level" is 1/1000 of the No Observable Effect Level for reproductive toxicants.

This HRA focuses on health impacts associated with DPM from diesel trucks traveling along the portion of I-5 through the project site, from DPM emitted by several backup generators, and from TACs released during natural gas combustion in boilers. DPM is the risk-driving substance emitted from vehicles and diesel-powered stationary sources, and it has been identified by the state of California as a carcinogenic compound as indicated earlier.

Cancer Risk

Cancer risk is defined as the increase in lifetime probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased probability in 1 million. The cancer risk from inhalation of a TAC is estimated by calculating the inhalation (and if applicable, ingestion) dose in units of milligrams/kilogram body weight per day based on an ambient concentration in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), breathing rate, and exposure period, and multiplying the dose by the inhalation cancer potency factor, expressed as (milligrams/kilogram body weight per day)⁻¹. Cancer risks for residential receptors and similar sensitive receptors are typically estimated based on a lifetime (30 years) of continuous exposure, although other time periods (e.g., 9 years, 30 years) may be evaluated in accordance with OEHHA or air district guidance.

Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the current OEHHA regulatory approach. Exposure to carcinogenic TACs does not imply that the exposed individual would contract cancer; rather, the cancer risk is a probability of developing cancer if other factors (e.g., heredity, exposure to environmental or workplace exposures that comprise the immune system, overall health) would result in an increased susceptibility to developing cancer. The California Almanac of Emissions and Air

Quality lists the Sacramento Valley Air Basin regional background average cancer risk for diesel particulate matter as 360 in 1 million (CARB, 2009).

Noncancer Health Effects

In addition to their carcinogenic effects, exposure to some TACs also includes noncancer health effects. Other TACs may not be carcinogenic, but exposure to them results in noncancer health effects. Noncancer health effects are classified as acute (short-term) and chronic (long-term). Acute health effects occur over brief periods and can include eye irritation, respiratory irritation, throat pain, and headaches, among others. Typically, in health risk assessments, acute health effects are evaluated over exposure periods of 1 or 8 hours, depending on the specific TACs. Chronic health effects resulting from an exposure to a TAC can occur over exposure periods from several months to several years and can include birth defects, neurological damage, or genetic damage, among others. Typically, in health risk assessments, chronic health effects are evaluated over an exposure period of one year. Noncancer health effects are evaluated by the target organ or organ system they affect. The target organ or organ systems can include the respiratory system, hematopoietic system, alimentary system, endocrine system, reproductive system, kidney, nervous system, cardiovascular system, and skin.

Acute and chronic noncancer health effects are assessed relative to a Reference Exposure Level (REL). The REL is the concentration (inhalation) or daily dosage (noninhalation) at or below which no adverse health effects are anticipated. The most recent RELs, established by OEHHA and/or CARB, are found in the Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values (OEHHA, 2015b).

Land Use and Air Quality

CARB Guidance

CARB's Air Quality and Land Use Handbook: A Community Health Perspective ([CARB Handbook] CARB 2005) addresses the importance of considering health risk issues when siting sensitive land uses, including residential development, near air emission sources including freeways or high-traffic roads, distribution centers, ports, petroleum refineries, chrome plating operations, dry cleaners, and gasoline dispensing facilities. The CARB Handbook draws upon studies evaluating the health effects of traffic traveling on major interstate highways in metropolitan California centers within the Los Angeles (Interstate (I) 405 and I-710), San Francisco Bay, and San Diego areas. The recommendations identified by CARB, including siting residential uses no closer than 500 feet from freeways or other high-traffic roadways, are consistent with those adopted by the State of California for location of new schools. Specifically, the CARB Handbook recommends, "[a]void siting new sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles/day, or rural roads with 50,000 vehicles/day" (CARB 2005).

Importantly, the CARB Handbook Introduction clarifies that these guidelines as strictly advisory

recognizing that: “[l]and use decisions are a local government responsibility. The Air Resources Board is advisory and these recommendations do not establish regulatory standards of any kind.” Also, CARB recognizes that there may be land use objectives that need to be considered by a governmental jurisdiction relative to the general recommended setbacks, specifically stating, “[t]hese recommendations are advisory. Land use agencies have to balance other considerations, including housing and transportation needs, economic development priorities, and other quality of life issues” (CARB 2005).

The CARB Handbook provides evidence that truck traffic generating diesel particulates poses a health risk to sensitive receptors, particularly children. Studies cited in the CARB Handbook identify a health risk within 500 feet of a freeway. As stated above, these studies are based on emissions generated by traffic on major interstate commerce freeways. The study states, “[o]n a typical urban freeway (truck traffic of 10,000–20,000/day), diesel particulate matter (PM) represents 70% of the potential cancer risk from the vehicle traffic” (CARB 2005). Health impacts, however, may vary depending on vehicle traffic on a local roadway, target year for the analysis, meteorological conditions, and other factors for a specific project.

SMAQMD Guidance

The SMAQMD has developed risk assessment guidance that is summarized in Chapter 5 of their CEQA Handbook (SMAQMD, 2014). That assessment requires the use of a health risk assessment for projects that may expose sensitive receptors to significant amounts of toxic air contaminants (TACs). The SMAQMD guidance has established guidance showing that significant health risks occur if emissions would result in risks exceeding 10 per million cancer risk or 1.0 hazard index for stationary sources.

SMAQMD has also developed guidance for evaluating the health risks from locating residences near high volume freeways (SMAQMD, 2011). That guidance includes both a screening methodology and, if the project fails the screening, a more detailed modeling analysis of health risks. The Project fails the SMAQMD screening analysis because of the high volume of traffic on I-5 and because the Project would locate sensitive receptors in close proximity to I-5.

CALCULATION OF TAC EMISSIONS

The calculation of TAC emissions used three sources: diesel backup generator emissions, gas-fired boiler emissions, and diesel traffic on I-5. Based on recommendations from SMAQMD, DPM from trains was not included in the analysis.

Diesel Backup Generator Emissions

Table HRA-1 shows diesel backup generator emissions. The number and size of the generators is based on information provided by KPMC for their hospital (Miller, M.F, 2016). A similarly sized generator was assumed for the MLS Stadium. A smaller 500 kW generator was assumed for the Outfall. The emission rates are based on Tier 4 emission rates for emergency generators as included in the California Air Resources Board’s OFFROAD2011 model (CARB, 2011). The

PM10 grams per second values shown in the rightmost column were used as the inputs to the AERMOD model.

Table HRA-1. Diesel Backup Generator Emissions

Structure	Emergency Power, kW	Generator Output, kW	Number of Generators	HP	PM10 [g/bhp-hr]	Load Factor	PM g/hr	hours/year	PM10 [grams/year]	PM10 [grams/second]
KMPC										
Hospital	6600	2,000	4	5,966	0.008	0.75	8.95	200	7,158.72	2.27E-04
HSB	1260				0.008	0.75	8.95			
CUP	120				0.008	0.75	8.95			
MOB 1	900	2,000	1	1,491	0.008	0.75	8.95	200	1,789.68	5.68E-05
MOB 2	900				0.008	0.75	8.95			
					Total		44.74		total	2.84E-04
Outfall										
Outfall	500	500	1	373	0.008	0.75	2.24	200	447.42	1.42E-05
					Total		2.24			
MLS Stadium										
Stadium	500	2,000	1	1,491	0.008	0.75	8.95	200	1,789.68	5.68E-05
					Total		8.95			

Hospital Boiler Emissions

Table HRA-2 shows emissions for the KPMC's natural gas-fired boilers. The number and size of the boilers is based on information provided by KPMC (Miller, M.F, 2016). The emission rates are based on U.S. EPA emission factors for natural gas boilers (U.S. EPA, 1998). The PM10 grams per second values shown in the right column were used as the inputs to the AERMOD model.

Table HRA-2. Natural Gas-Powered Boiler Emissions

Structure	Type of Boiler	Generator Output, MBH	Number of Boilers	MMBTU per Hour	BTUs/SCF	SCFs/hour	PM (lbs/MM SCF)	Load Factor	PM10 grams / second
Kaiser Permanente Medical Center									
Hospital	Space Heating	9,000	3	27	1,020.0	8,823.53	7.6	0.75	6.34E-03
HSB	Space Heating				1,020.0	8,823.53	7.6	0.75	6.34E-03
CUP	Space Heating				1,020.0	8,823.53	7.6	0.75	6.34E-03
MOB 1	Space Heating	9,000	1	9	1,020.0	8,823.53	7.6	0.75	6.34E-03
MOB 2	Space Heating								
									2.53E-02

Table HRA-3 shows the TAC emissions associated with natural gas combustion in boilers (U.S. EPA, 1998). The resulting annual and hourly concentrations were then used to estimate acute, chronic, and carcinogenic health risks.

Table HRA-3. Natural Gas Powered Boiler TAC Emissions and Concentrations

CAS Number	TAC	Emission Factor (lbs/MM scf)	Emission Rate (grams/second)	Annual Concentration (ug/m ³)	Hourly Concentration (ug/m ³)
71-43-2	Benzene	2.10E-03	1.0E-07	8.8E-07	1.81E-05
50-00-0	Formaldehyde	7.50E-02	3.6E-06	1.4E-06	6.46E-04
108-88-3	Toluene	3.40E-03	1.6E-07	1.4E-06	2.93E-05
7440-43-9	Cadmium	1.10E-03	5.2E-08	4.6E-07	9.48E-06
18540-29-9	Chromium	1.40E-03	6.7E-08	5.9E-07	1.21E-05
7440-50-8	Copper	8.50E-04	4.0E-08	3.6E-07	7.32E-06
7439-96-5	Manganese	3.80E-04	1.8E-08	1.6E-07	3.27E-06
7439-97-6	Mercury	2.60E-04	1.2E-08	1.1E-07	2.24E-06
7440-02-0	Nickel	2.10E-03	1.0E-07	8.8E-07	1.81E-05
7440-62-2	Vanadium	2.30E-03	1.1E-07	9.7E-07	1.98E-05

Notes: Emission factors based on U.S. Environmental Protection Agency Emission Factors (1998). The TACs with emission ratings of D or better were used in this analysis. TACs without acute, chronic, or cancer listings in the California Air Resources Board's Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values were not included in this analysis.

Emission rates assume 35 MMBtu per hour for all boilers combined, 1,020 Btus per standard cubic foot of natural gas, and 75 percent boiler load factor. These assumptions result in 9.53 standard cubic feet of natural gas consumed per second.

Dispersion modeling assumed that all boilers would be co-located using an emission rate of 1 gram per second. The resulting highest hourly and annual concentrations using 1 grams per second equaled 181.05 ug/m³ and 8.85 ug/m³, respectively. Those concentrations were then converted to the hourly and annual concentrations shown in the above table using the actual emission rates of each TAC.

I-5 Vehicle Diesel Emissions

In addition to the stationary sources described above, SMAQMD's roadway protocol was used to evaluate the potential health risks from diesel vehicles traveling on I-5 (SMAQMD, 2011). Due to the high traffic volumes on I-5 and locations of future residences to be located near I-5, a detailed site-specific analysis was conducted using AERMOD.

I-5 traffic data for project buildout was used to analyze truck emissions. I-5 traffic volumes in 2014 were obtained from Caltrans (Caltrans, 2015). Total peak hour traffic on I-5 in 2014 between Richards Blvd. and I Street equals 15,500 vehicles. These volumes were increased by 0.5 percent per year through 2035, the year of project buildout. Using a 0.5 percent increase per year, total peak hour traffic would equal 17,040 vehicles on this same segment of I-5 in 2035. The 17,040 peak hour vehicles traveling on I-5 in 2035 were multiplied by the percentage of diesel vehicle travel in Sacramento in 2035 (4.5%). This percentage was estimated by dividing the daily diesel vehicle VMT in Sacramento County for 2035 by the total daily VMT of all vehicles in Sacramento County for 2035. This resulted in 765.5 diesel vehicles traveling on I-5 in 2035 during the peak hour.

The next step involved using EMFAC2014 to estimate the diesel particulate matter emission rates for diesel powered vehicles in Sacramento in 2035. This value, 0.00562 grams per mile, was estimated by weighting the 2035 PM10 exhaust emissions for each diesel vehicle class by the percentage VMT traveled for that class compared to VMT traveled for all Sacramento County diesel vehicles. The resulting average of 0.00562 grams DPM per mile was converted to DPM grams per second for the 0.92 mile segment of I-5 included in the traffic analysis. The resulting emission rate was 1.08E-3 grams DPM/second within the 0.92 segment of I-5. This value was entered into the AERMOD model for the I-5 linear volume sources.

MODELING METHODOLOGY

Dispersion Model

The U.S. Environmental Protection Agency (EPA) AERMOD model was used to model the air quality impacts of emissions from trucks traveling along I-5, from diesel generators, and from KPMC's natural gas boilers. AERMOD was used to estimate the TAC concentrations using the locations of each source, the stack parameters of each source, and five years of meteorological conditions provided by the SMAQMD.

The model was configured with the following control parameters:

- Modeling switches: Regulatory Defaults
- Urban Setting
- Averaging periods: 1-hour and Annual
- 7.5 minute topographical data for downtown Sacramento
- AERMOD-ready meteorological data for Sacramento Executive Airport for 2010-2014 (SMAQMD, 2016).

Source Characteristics

Diesel Backup Generator

The KPMC would have five 2,000 KW emergency generators with a combined emission rate of $2.8E-4$ grams per second as shown previously in Table HRA-1. The MLS Stadium is assumed to have one 2,000 KW emergency generator, with an emission rate of $1.42E-5$ grams DPM per second. The Outfall is assumed to have a 500kW generator with an emission rate of $5.68E-05$ grams per second. The five KPMC generators were assumed to be collocated and were modeled using a gas exit temperature of 987 degrees Fahrenheit, a stack height of 20 feet, a stack inside diameter of 6 inches, and an exit velocity of 164 feet per second. These same stack parameters were used to model emissions for the MLS Stadium generator and for the Outfall generator.

Hospital Boilers

The KPMC would have four boilers with a combined emission rate of $2.53E-2$ grams per second as shown previously in Table HRA-2. Boiler emissions were modeled at 1 gram per second. The resulting maximum concentration was adjusted to reflect emission rates of the individual TACs shown in Table HRA-3. The four KPMC boilers were assumed to be collocated and were modeled using a gas exit temperature of 300 degrees Fahrenheit, a stack height of 30 feet, a stack inside diameter of 6 inches, and an exit velocity of 45 feet per second.

I-5 Vehicle Diesel Emissions

Vehicle DPM emissions from vehicles traveling on I-5 were modeled as a line volume source consisting of separated volume sources along a 0.92-mile long segment of I-5 from Richards Boulevard on the north end to I Street on the south end. A plume height of 2 meters and a plume width of 30 feet was used for the modeling analysis. A two-width volume source spacing option was based on U.S. Environmental Protection Agency modeling recommendations (U.S EPA, 1992). Since this portion of I-5 is elevated, emissions were modeled at an elevation of 30 feet. Emission rates for freeway diesel vehicles were modeled within AERMOD using a DPM emission rate of 0.00108 grams per second.

Receptor Grid

The extent of the receptor grid used in the AERMOD modeling analysis differed based on the project being modeled. For the evaluation of the Outfall and MLS Stadium as individual projects, the receptor grid was limited to existing residential locations outside of the Railyards but near these project locations. For the KPMC, the receptor grid included existing residential locations outside of the Railyards plus sensitive receptors associated with the KPMC hospital. For the RSPU, the receptor grid included offsite residences near the site boundary plus onsite locations of future residences, including residences located near I-5, mixed use locations that could include residences, and the KPMC hospital. For the RSPU Variant, the receptor grid included the offsite residences near the site boundary plus onsite locations of future residences, including residences located near I-5 and mixed use locations that could include residences.

EVALUATION OF HEALTH IMPACTS

Cancer Risk

Exposure and risk equations used to calculate the cancer risk at residential receptors were based on the OEHHA manual for health risk assessments prepared under the Air Toxics “Hot Spots” program (OEHHA 2015a).

Table HRA-4 shows the cancer risk inputs by age category. These are the cancer risk inputs as recommended by OEHHA (2015a).

Table HRA-4. Cancer Risk Inputs by Age Category

Age Category	Daily Breathing Rate	Inhalation Absorption Rate	Days/year	Years	Days in 30 Years	Child Risk Factor	Fraction of Time at Home
3 rd Trimester to Birth	361	1	365	0.3	10,950	10	0.85
0 to 2	1090	1	365	2	10,950	10	0.85
2 to 16	745	1	365	14	10,950	3	0.72
16 to 30	290	1	365	54	10,950	1	0.73

The following equations use the values in Table HRA-4 to calculate cancer risks (OEHHA, 2015a):

$$\text{Risk} = \text{Inhalation potency factor} * \text{Dose Inhalation} \quad (1)$$

where:

$$\text{Inhalation potency factor} = 1.1 \text{ (mg/kg-day) for diesel particulate matter,}$$

and:

$$\text{Dose Inhalation} = C_{\text{air}} * \text{DBR} * A * \text{EF} * \text{ED} * \text{ASF} * 10^{-6} / \text{AT} * \text{FAH} \quad (2)$$

where:

C_{air} = concentration of DPM in microgram per cubic meter ($\mu\text{g}/\text{m}^3$)

DBR = breathing rate in liter per kilogram of body weight per day; 361 for the third trimester; 1090 for ages 0 to 2, 745 for ages 2 to 16, and 290 for ages 16 to 30.

A = inhalation absorption factor (1 for DPM)

EF = exposure frequency in days per year

ED = exposure duration in years

ASF = age sensitivity factor for a specific age group (unitless); 10 for ages from 3rd trimester to age 2, 3 for ages 2 to 16, and 1 for ages 16 to 30.

AT = averaging time period over which exposure is averaged in days (10,950 days over 30 years)

FAH = fraction of time at home (unitless); 85% or 0.85 for ages from 3rd trimester to age 2, 72% or 0.72 for ages 2 through 16 and 73% or 0.73 for ages 16 through 30.

The risks associated with TACs use the equations listed above but inhalation potency factors differ by TAC. Emissions estimated in this health risk assessment represent 30-year cancer risks. Table HRA-5 lists the cancer risks from TACs emitted by natural gas combustion by the KPMC boilers. Five of the ten TACs listed have been shown to increase cancer risks from various routes of exposure. Cancer risks are based on the maximum residential concentration, which is a location approximately 100 meters southwest of the KPMC boilers. The maximum cancer risk attributable to the boilers is 0.25 per million.

Table HRA-5. Maximum Cancer Risk from Natural Gas Boilers

CAS Number	TAC	Annual Concentration (ug/m ³)	Cancer Risk
71-43-2	Benzene	8.8E-07	5.45E-11
50-00-0	Formaldehyde	1.4E-06	1.80E-11
108-88-3	Toluene	1.4E-06	N/A
7440-43-9	Cadmium	4.6E-07	4.30E-09
18540-29-9	Chromium	5.9E-07	2.10E-07
7440-50-8	Copper	3.6E-07	N/A
7439-96-5	Manganese	1.6E-07	N/A
7439-97-6	Mercury	1.1E-07	N/A
7440-02-0	Nickel	8.8E-07	5.00E-10
7440-62-2	Vanadium	9.7E-07	N/A
Totals			2.15E-07
Risk per million			0.25
Threshold (per million)			10

RSPU

Table HRA-6 shows the worst case cancer health risks for the RSPU. At 5.0 per million, the total health risk is less than the threshold of 10 per million. Of this total, 96 percent of the risk is from exposure to DPM from diesel exhaust (generators and I-5), with the remaining five percent of the risk from natural gas fired boiler operation.

Table HRA-6. Maximum Cancer Risks for the Project Alternatives

	Annual DPM Concentration (ug/m3)	DPM Cancer Risk per Million	Natural Gas TAC Cancer Risk per Million	Total Cancer Risk per Million
RSPU	7.1E-3	4.8	0.22	5.0
RSPU Variant	6.5E-3	4.4	N/A	4.4
KPMC	4.4E-3	3.0	0.22	3.2
Stadium	7.5E-4	0.51	N/A	0.5
Outfall	7.7E-4	0.53	N/A	0.5

RSPU Variant

Table HRA-6 shows the worst-case cancer health risks for the RSPU Variant. At 4.4 per million, the total health risk is less than the threshold of 10 per million. This cancer risk is entirely from exposure to DPM from diesel generator operation and from I-5 DPM vehicle exhaust.

KPMC

Table HRA-6 shows the worst-case cancer risks health risks for the KPMC operation. At 3.2 per million, the total health risk is less than the threshold of 10 per million. Of this total, 94 percent of the risk is from exposure to DPM from diesel generators and traffic on I-5 and eight percent of the risk is from exposure to exhaust from the KPMC’s natural gas fired boilers.

Soccer Stadium

Table HRA-6 shows the worst-case cancer risks health risks for the Stadium. At 0.5 per million, the total health risk is less than the threshold of 10 per million. This cancer risk results from DPM emitted by the Stadium diesel generator and from traffic on I-5.

Outfall

Table 6 shows the worst-case cancer risks health risks for the Outfall. At 0.5 per million, the total health risk is less than the threshold of 10 per million. This cancer risk results from DPM emitted by the Outfall diesel generator and diesel traffic on I-5.

Noncancer Health Effects

Table HRA-7 shows the non-cancer health risks from natural gas fired boilers that would operate at the KPMC. The project’s chronic and acute health risks would result from several TACs associated with natural gas combustion. However, the emission rates of these TACs, and the resulting health risks, are extremely low. Both the chronic and acute hazard quotients would be substantially below the hazard index threshold of 1.0.

Table HRA-7. Maximum Non-Cancer Risks from Natural Gas Boilers

CAS Number	TAC	Annual Concentration (ug/m ³)	Chronic Hazard Quotient	Hourly Concentration (ug/m ³)	Acute Hazard Quotient
71-43-2	Benzene	8.8E-07	2.90E-07	1.81E-05	2.01E-06
50-00-0	Formaldehyde	1.4E-06	1.50E-07	6.46E-04	1.20E-05
108-88-3	Toluene	1.4E-06	1.41E-08	2.93E-05	2.34E-09
7440-43-9	Cadmium	4.6E-07	6.70E-05	9.48E-06	0.00E+00
18540-29-9	Chromium	5.9E-07	3.69E-06	1.21E-05	0.00E+00
7440-50-8	Copper	3.6E-07	N/A	7.32E-06	7.30E-08
7439-96-5	Manganese	1.6E-07	1.80E-06	3.27E-06	0.00E+00
7439-97-6	Mercury	1.1E-07	4.00E-05	2.24E-06	7.40E-06
7440-02-0	Nickel	8.8E-07	1.28E-04	1.81E-05	9.00E-05
7440-62-2	Vanadium	9.7E-07	N/A	1.98E-05	1.34E-06
	Totals		2.41E-04		1.13E-04
Threshold (per million)			1.0		1.0

Table HRA-8 shows the maximum non-cancer risks for each land use scenario. This includes the PM chronic risks (DPM does not pose acute health risks) plus the chronic risks from natural gas. As shown, none of the land use scenarios would result in total chronic hazards that exceed 1.0.

—

Table HRA-8. Maximum Non-Cancer Risks

	Annual DPM Concentration (ug/m3)	DPM Chronic Hazard Quotient	Natural Gas Chronic HI	Total Chronic Hazard Quotient
RSPU	7.1E-3	1.4E-3	2.41E-4	1.6E-3
RSPU Variant	6.5E-3	1.3E-3	N/A	1.3E-3
KPMC	4.4E-3	8.8E-4	2.41E-4	1.1E-3
Stadium	7.5E-4	1.5E-4	N/A	1.5E-4
Outfall	7.7E-4	1.5E-4	N/A	1.5E-4

CONCLUSIONS

Based on this analysis, residents and other sensitive land uses would not be exposed to a cancer risk exceeding 10 in a million, or a chronic or acute health risk exceeding 1.0. These results reflect reasonable estimates of source emissions and exhaust characteristics, and available meteorological data near the project site. Given the limits associated with health risk assessments (e.g., assumptions regarding emission sources, air quality dispersion model options, health effects calculations), the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by the OEHHA produce conservative (i.e., health-protective) results. Accordingly, the health impacts are not expected to be higher than those estimated in this assessment.

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Appendix A. AERMOD Results

RSPU

*** AERMOD - VERSION 12060 *** *** C:\Users\sda\Desktop\Kaiser -
AERMOD\Railyards.isc *** 04/07/16

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PAGE 1

**MODELOPTs: RegDFAULT CONC
ELEV

*** MODEL SETUP OPTIONS

SUMMARY ***

- - - - -
- - - - -

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 85 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 1500000.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay for URBAN/Non-SO2.

6. Urban Roughness Length of 1.0 Meter Assumed.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 85 Source(s); 10 Source Group(s); and
119 Receptor(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**Model Set To Continue RUNNING After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor

(RECTABLE Keyword)

Model Outputs External File(s) of High Values for Plotting

(PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values

(SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for

Missing Hours

b for

Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.83 ;

Decay Coef. = 0.000 ; Rot. Angle = 0.0

Emission Units = GRAMS/SEC

; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Detailed Error/Message File: RSPU.err

**File for Summary of Results: RSPU.sum

8.23, 10.80,

1.54, 3.09, 5.14,

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**MODELOPTs: RegDEFAULT CONC
 ELEV

 *** UP TO THE FIRST 24 HOURS OF
 METEOROLOGICAL DATA ***

Surface file: Exec 10-14 N1MD.SFC
 Met Version: 14134
 Profile file: Exec 10-14 N1MD.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23232 Upper air station no.:
 23230
 Name: SACRAMENTO/EXECUTIVE_ARPT Name:
 OAKLAND/WSO_AP
 Year: 2010 Year:
 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
10	01	01	1	01	-9.2	0.095	-9.000	-9.000	-999.	70.		8.5	0.07
0.94	1.00				2.36	131.	10.1	282.5	2.0				
10	01	01	1	02	-8.6	0.091	-9.000	-9.000	-999.	66.		8.0	0.06
0.94	1.00				2.36	118.	10.1	283.1	2.0				
10	01	01	1	03	-4.8	0.068	-9.000	-9.000	-999.	42.		6.0	0.06
0.94	1.00				1.76	114.	10.1	283.1	2.0				
10	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0		0.13
0.94	1.00				0.00	0.	10.1	283.1	2.0				

10	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.5	2.0						
10	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	08	-16.5	0.289	-9.000	-9.000	-999.	372.	133.8	0.07
0.94	0.76	3.86	143.	10.1	283.1	2.0						
10	01	01	1	09	0.7	0.140	0.048	0.009	6.	142.	-387.3	0.06
0.94	0.40	1.76	177.	10.1	283.1	2.0						
10	01	01	1	10	22.2	0.222	0.412	0.006	115.	251.	-45.3	0.09
0.94	0.28	2.36	191.	10.1	284.2	2.0						
10	01	01	1	11	16.2	0.240	0.412	0.006	158.	282.	-78.1	0.06
0.94	0.23	2.86	164.	10.1	285.4	2.0						
10	01	01	1	12	20.9	0.239	0.486	0.006	200.	281.	-60.0	0.13
0.94	0.22	2.36	999.	10.1	285.4	2.0						
10	01	01	1	13	21.6	-9.000	-9.000	-9.000	234.	-999.	-99999.0	0.13
0.94	0.22	0.00	0.	10.1	285.4	2.0						
10	01	01	1	14	18.3	0.247	0.507	0.006	260.	295.	-75.7	0.07
0.94	0.23	2.86	129.	10.1	285.9	2.0						
10	01	01	1	15	11.0	0.242	0.436	0.006	274.	286.	-117.9	0.07
0.94	0.26	2.86	122.	10.1	286.4	2.0						
10	01	01	1	16	0.4	0.231	0.147	0.006	275.	266.	-2647.7	0.07
0.94	0.35	2.86	134.	10.1	286.4	2.0						
10	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	0.61	0.00	0.	10.1	286.4	2.0						
10	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	285.4	2.0						
10	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.2	2.0						
10	01	01	1	20	-5.9	0.105	-9.000	-9.000	-999.	82.	17.8	0.21
0.94	1.00	1.76	247.	10.1	284.9	2.0						
10	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.9	2.0						
10	01	01	1	22	-3.8	0.069	-9.000	-9.000	-999.	43.	7.9	0.06
0.94	1.00	1.76	162.	10.1	284.2	2.0						
10	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	283.1	2.0						

10 01 01 1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.13
0.94 1.00 0.00 0. 10.1 284.2 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	10.1	1	131.	2.36	282.6	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF MAXIMUM PERIOD
(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

I-5	1ST HIGHEST VALUE IS	0.00640	AT (	630284.97,	4272456.28,
5.89,	5.89, 0.00) DC				
	2ND HIGHEST VALUE IS	0.00617	AT (	630311.31,	4272251.47,
4.57,	4.57, 0.00) DC				
	3RD HIGHEST VALUE IS	0.00605	AT (	630330.54,	4272205.52,
4.57,	4.57, 0.00) DC				
	4TH HIGHEST VALUE IS	0.00589	AT (	630331.79,	4272172.47,
4.57,	4.57, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00580	AT (	630356.87,	4272143.29,
4.57,	4.57, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00552	AT (	630356.66,	4272089.08,
4.57,	4.57, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00544	AT (	630390.38,	4272066.69,
4.64,	4.64, 0.00) DC				

4.88,	8TH HIGHEST VALUE IS 4.88, 0.00) DC	0.00474 AT (	630371.63,	4272264.17,
4.57,	9TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00431 AT (	630402.34,	4272193.55,
4.76,	10TH HIGHEST VALUE IS 4.76, 0.00) DC	0.00419 AT (	630423.89,	4272121.75,
GENERATO 5.53,	1ST HIGHEST VALUE IS 5.53, 0.00) DC	0.00170 AT (	630459.79,	4272408.98,
6.42,	2ND HIGHEST VALUE IS 6.42, 0.00) DC	0.00164 AT (	630473.13,	4272480.72,
4.88,	3RD HIGHEST VALUE IS 4.88, 0.00) DC	0.00148 AT (	630425.60,	4272272.56,
4.88,	4TH HIGHEST VALUE IS 4.88, 0.00) DC	0.00146 AT (	630478.62,	4272278.67,
6.66,	5TH HIGHEST VALUE IS 6.66, 0.00) DC	0.00111 AT (	630510.06,	4272485.57,
4.57,	6TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00110 AT (	630476.55,	4272212.70,
5.79,	7TH HIGHEST VALUE IS 5.79, 0.00) DC	0.00100 AT (	630538.78,	4272243.82,
6.10,	8TH HIGHEST VALUE IS 6.10, 0.00) DC	0.00099 AT (	630540.78,	4272299.27,
4.88,	9TH HIGHEST VALUE IS 4.88, 0.00) DC	0.00087 AT (	630371.63,	4272264.17,
9.37,	10TH HIGHEST VALUE IS 9.37, 0.00) DC	0.00087 AT (	631512.98,	4272387.44,
BOIL 5.53,	1ST HIGHEST VALUE IS 5.53, 0.00) DC	8.85264 AT (	630459.79,	4272408.98,
4.88,	2ND HIGHEST VALUE IS 4.88, 0.00) DC	8.29667 AT (	630478.62,	4272278.67,
4.88,	3RD HIGHEST VALUE IS 4.88, 0.00) DC	8.05810 AT (	630425.60,	4272272.56,
6.42,	4TH HIGHEST VALUE IS 6.42, 0.00) DC	7.77277 AT (	630473.13,	4272480.72,
6.66,	5TH HIGHEST VALUE IS 6.66, 0.00) DC	6.22157 AT (	630510.06,	4272485.57,

6.10,	6TH HIGHEST VALUE IS 6.10, 0.00) DC	6.18819 AT (	630540.78,	4272299.27,
4.57,	7TH HIGHEST VALUE IS 4.57, 0.00) DC	6.18088 AT (	630476.55,	4272212.70,
5.79,	8TH HIGHEST VALUE IS 5.79, 0.00) DC	5.88577 AT (	630538.78,	4272243.82,
6.15,	9TH HIGHEST VALUE IS 6.15, 0.00) DC	5.54192 AT (	630522.03,	4272416.16,
4.88,	10TH HIGHEST VALUE IS 4.88, 0.00) DC	4.98423 AT (	630371.63,	4272264.17,
DPM	1ST HIGHEST VALUE IS	0.00705 AT (	630284.97,	4272456.28,
5.89,	5.89, 0.00) DC			
4.57,	2ND HIGHEST VALUE IS 4.57, 0.00) DC	0.00659 AT (	630311.31,	4272251.47,
4.57,	3RD HIGHEST VALUE IS 4.57, 0.00) DC	0.00650 AT (	630330.54,	4272205.52,
4.57,	4TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00631 AT (	630331.79,	4272172.47,
4.57,	5TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00626 AT (	630356.87,	4272143.29,
4.57,	6TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00592 AT (	630356.66,	4272089.08,
4.64,	7TH HIGHEST VALUE IS 4.64, 0.00) DC	0.00588 AT (	630390.38,	4272066.69,
4.88,	8TH HIGHEST VALUE IS 4.88, 0.00) DC	0.00562 AT (	630371.63,	4272264.17,
4.57,	9TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00508 AT (630402.34,	4272193.55,
4.88,	10TH HIGHEST VALUE IS 4.88, 0.00) DC	0.00498 AT (630425.60,	4272272.56,

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF MAXIMUM PERIOD
(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

OUTFALL	1ST HIGHEST VALUE IS	0.00015 AT (	630225.22,	4272160.04,
6.07,	6.07, 0.00) DC			
	2ND HIGHEST VALUE IS	0.00013 AT (	630284.97,	4272456.28,
5.89,	5.89, 0.00) DC			
	3RD HIGHEST VALUE IS	0.00010 AT (	630260.10,	4272113.95,
4.65,	4.65, 0.00) DC			
	4TH HIGHEST VALUE IS	0.00009 AT (	630239.58,	4272095.42,
5.15,	5.15, 0.00) DC			
	5TH HIGHEST VALUE IS	0.00007 AT (	630277.66,	4272064.21,
4.63,	4.63, 0.00) DC			
	6TH HIGHEST VALUE IS	0.00006 AT (	630268.30,	4272026.00,
5.00,	5.00, 0.00) DC			
	7TH HIGHEST VALUE IS	0.00006 AT (	630331.79,	4272172.47,
4.57,	4.57, 0.00) DC			

4.57,	8TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00005 AT (	630356.66,	4272089.08,
4.57,	9TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00005 AT (	630311.31,	4272251.47,
4.57,	10TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00005 AT (	630330.54,	4272205.52,
Soccer	1ST HIGHEST VALUE IS 9.37, 0.00) DC	0.00080 AT (	631512.98,	4272387.44,
10.04,	2ND HIGHEST VALUE IS 10.04, 0.00) DC	0.00053 AT (	631551.28,	4272344.35,
9.37,	3RD HIGHEST VALUE IS 9.37, 0.00) DC	0.00036 AT (	631457.93,	4272444.88,
10.17,	4TH HIGHEST VALUE IS 10.17, 0.00) DC	0.00033 AT (	631524.95,	4272294.09,
9.75,	5TH HIGHEST VALUE IS 9.75, 0.00) DC	0.00022 AT (	631359.79,	4272377.86,
9.45,	6TH HIGHEST VALUE IS 9.45, 0.00) DC	0.00022 AT (	631412.45,	4272490.36,
9.45,	7TH HIGHEST VALUE IS 9.45, 0.00) DC	0.00019 AT (	631369.36,	4272521.48,
7.32,	8TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00018 AT (	631617.68,	4272047.49,
9.10,	9TH HIGHEST VALUE IS 9.10, 0.00) DC	0.00017 AT (	631309.52,	4272545.41,
7.32,	10TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00017 AT (	631626.61,	4272078.74,
HOSPITAL	1ST HIGHEST VALUE IS 5.53, 0.00) DC	8.85428 AT (	630459.79,	4272408.98,
4.88,	2ND HIGHEST VALUE IS 4.88, 0.00) DC	8.29809 AT (	630478.62,	4272278.67,
4.88,	3RD HIGHEST VALUE IS 4.88, 0.00) DC	8.05955 AT (	630425.60,	4272272.56,
6.42,	4TH HIGHEST VALUE IS 6.42, 0.00) DC	7.77434 AT (	630473.13,	4272480.72,
6.66,	5TH HIGHEST VALUE IS 6.66, 0.00) DC	6.22262 AT (	630510.06,	4272485.57,

6.10,	6TH HIGHEST VALUE IS 6.10, 0.00) DC	6.18916 AT (	630540.78,	4272299.27,
4.57,	7TH HIGHEST VALUE IS 4.57, 0.00) DC	6.18196 AT (	630476.55,	4272212.70,
5.79,	8TH HIGHEST VALUE IS 5.79, 0.00) DC	5.88675 AT (	630538.78,	4272243.82,
6.15,	9TH HIGHEST VALUE IS 6.15, 0.00) DC	5.54271 AT (	630522.03,	4272416.16,
4.88,	10TH HIGHEST VALUE IS 4.88, 0.00) DC	4.98506 AT (	630371.63,	4272264.17,
HOSPGEN	1ST HIGHEST VALUE IS	0.00164 AT (	630459.79,	4272408.98,
5.53,	5.53, 0.00) DC			
6.42,	2ND HIGHEST VALUE IS 6.42, 0.00) DC	0.00157 AT (	630473.13,	4272480.72,
4.88,	3RD HIGHEST VALUE IS 4.88, 0.00) DC	0.00145 AT (	630425.60,	4272272.56,
4.88,	4TH HIGHEST VALUE IS 4.88, 0.00) DC	0.00143 AT (	630478.62,	4272278.67,
4.57,	5TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00107 AT (	630476.55,	4272212.70,
6.66,	6TH HIGHEST VALUE IS 6.66, 0.00) DC	0.00105 AT (	630510.06,	4272485.57,
5.79,	7TH HIGHEST VALUE IS 5.79, 0.00) DC	0.00097 AT (	630538.78,	4272243.82,
6.10,	8TH HIGHEST VALUE IS 6.10, 0.00) DC	0.00096 AT (	630540.78,	4272299.27,
4.88,	9TH HIGHEST VALUE IS 4.88, 0.00) DC	0.00083 AT (630371.63,	4272264.17,
5.03,	10TH HIGHEST VALUE IS 5.03, 0.00) DC	0.00080 AT (630639.31,	4272610.04,

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF MAXIMUM PERIOD
(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

OTFL+I-5	1ST HIGHEST VALUE IS	0.00653	AT (	630284.97,	4272456.28,
5.89,	5.89, 0.00) DC				
	2ND HIGHEST VALUE IS	0.00622	AT (	630311.31,	4272251.47,
4.57,	4.57, 0.00) DC				
	3RD HIGHEST VALUE IS	0.00610	AT (	630330.54,	4272205.52,
4.57,	4.57, 0.00) DC				
	4TH HIGHEST VALUE IS	0.00595	AT (	630331.79,	4272172.47,
4.57,	4.57, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00585	AT (	630356.87,	4272143.29,
4.57,	4.57, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00557	AT (	630356.66,	4272089.08,
4.57,	4.57, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00548	AT (	630390.38,	4272066.69,
4.64,	4.64, 0.00) DC				

4.88,	8TH HIGHEST VALUE IS 4.88, 0.00) DC	0.00478 AT (	630371.63,	4272264.17,
4.57,	9TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00434 AT (	630402.34,	4272193.55,
4.76,	10TH HIGHEST VALUE IS 4.76, 0.00) DC	0.00422 AT (	630423.89,	4272121.75,
HOSPALL 5.53,	1ST HIGHEST VALUE IS 5.53, 0.00) DC	8.85428 AT (	630459.79,	4272408.98,
4.88,	2ND HIGHEST VALUE IS 4.88, 0.00) DC	8.29809 AT (	630478.62,	4272278.67,
4.88,	3RD HIGHEST VALUE IS 4.88, 0.00) DC	8.05955 AT (	630425.60,	4272272.56,
6.42,	4TH HIGHEST VALUE IS 6.42, 0.00) DC	7.77434 AT (	630473.13,	4272480.72,
6.66,	5TH HIGHEST VALUE IS 6.66, 0.00) DC	6.22262 AT (	630510.06,	4272485.57,
6.10,	6TH HIGHEST VALUE IS 6.10, 0.00) DC	6.18916 AT (	630540.78,	4272299.27,
4.57,	7TH HIGHEST VALUE IS 4.57, 0.00) DC	6.18196 AT (	630476.55,	4272212.70,
5.79,	8TH HIGHEST VALUE IS 5.79, 0.00) DC	5.88675 AT (	630538.78,	4272243.82,
6.15,	9TH HIGHEST VALUE IS 6.15, 0.00) DC	5.54271 AT (	630522.03,	4272416.16,
4.88,	10TH HIGHEST VALUE IS 4.88, 0.00) DC	4.98506 AT (630371.63,	4272264.17,

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF HIGHEST

1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK					DATE
GROUP ID			AVERAGE CONC		(YYMMDDHH)
RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)		OF TYPE	GRID-ID	

I-5	HIGH	1ST HIGH VALUE IS	0.09430	ON 11121907:	AT (
630260.10,	4272113.95,	4.65,	4.65,	0.00)	DC
GENERATO	HIGH	1ST HIGH VALUE IS	0.03697	ON 14022604:	AT (
630473.13,	4272480.72,	6.42,	6.42,	0.00)	DC
BOIL	HIGH	1ST HIGH VALUE IS	181.07799	ON 14030823:	AT (
630522.03,	4272416.16,	6.15,	6.15,	0.00)	DC
DPM	HIGH	1ST HIGH VALUE IS	0.09588	ON 11121907:	AT (
630277.66,	4272064.21,	4.63,	4.63,	0.00)	DC
OUTFALL	HIGH	1ST HIGH VALUE IS	0.00202	ON 11120318:	AT (
630225.22,	4272160.04,	6.07,	6.07,	0.00)	DC

SOCCER HIGH 1ST HIGH VALUE IS 0.00864 ON 14032819: AT (
631524.95, 4272294.09, 10.17, 10.17, 0.00) DC

HOSPITAL HIGH 1ST HIGH VALUE IS 181.07905 ON 14030823: AT (
630522.03, 4272416.16, 6.15, 6.15, 0.00) DC

HOSPGEN HIGH 1ST HIGH VALUE IS 0.03680 ON 14022604: AT (
630473.13, 4272480.72, 6.42, 6.42, 0.00) DC

OTFL+I-5 HIGH 1ST HIGH VALUE IS 0.09430 ON 11121907: AT (
630260.10, 4272113.95, 4.65, 4.65, 0.00) DC

HOSPALL HIGH 1ST HIGH VALUE IS 181.07905 ON 14030823: AT (
630522.03, 4272416.16, 6.15, 6.15, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 14879 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 12186 Calm Hours Identified

A Total of 2693 Missing Hours Identified (6.15 Percent)

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

RSPU Variant

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 82 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 1500000.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay for URBAN/Non-SO2.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR
 and Calculates PERIOD Averages

**This Run Includes: 82 Source(s); 5 Source Group(s); and
 126 Receptor(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**Model Set To Continue RUNNING After the Setup Testing.

**Output Options Selected:
 Model Outputs Tables of PERIOD Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor
 (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting
 (PLOTFILE Keyword)
 Model Outputs Separate Summary File of High Ranked Values
 (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for
 Calm Hours
 m for
 Missing Hours
 b for
 Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.83 ;
 Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC
 ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Detailed Error/Message File: Variant.err
 **File for Summary of Results: Variant.sum

8.23, 10.80,

1.54, 3.09, 5.14,

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**MODELOPTs: RegDEFAULT CONC
 ELEV

 *** UP TO THE FIRST 24 HOURS OF
 METEOROLOGICAL DATA ***

Surface file: Exec 10-14 N1MD.SFC
 Met Version: 14134
 Profile file: Exec 10-14 N1MD.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23232 Upper air station no.:
 23230
 Name: SACRAMENTO/EXECUTIVE_ARPT Name:
 OAKLAND/WSO_AP
 Year: 2010 Year:
 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
10	01	01	1	01	-9.2	0.095	-9.000	-9.000	-999.	70.		8.5	0.07
0.94	1.00				2.36	131.	10.1	282.5	2.0				
10	01	01	1	02	-8.6	0.091	-9.000	-9.000	-999.	66.		8.0	0.06
0.94	1.00				2.36	118.	10.1	283.1	2.0				
10	01	01	1	03	-4.8	0.068	-9.000	-9.000	-999.	42.		6.0	0.06
0.94	1.00				1.76	114.	10.1	283.1	2.0				
10	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0		0.13
0.94	1.00				0.00	0.	10.1	283.1	2.0				

10	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.5	2.0						
10	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	08	-16.5	0.289	-9.000	-9.000	-999.	372.	133.8	0.07
0.94	0.76	3.86	143.	10.1	283.1	2.0						
10	01	01	1	09	0.7	0.140	0.048	0.009	6.	142.	-387.3	0.06
0.94	0.40	1.76	177.	10.1	283.1	2.0						
10	01	01	1	10	22.2	0.222	0.412	0.006	115.	251.	-45.3	0.09
0.94	0.28	2.36	191.	10.1	284.2	2.0						
10	01	01	1	11	16.2	0.240	0.412	0.006	158.	282.	-78.1	0.06
0.94	0.23	2.86	164.	10.1	285.4	2.0						
10	01	01	1	12	20.9	0.239	0.486	0.006	200.	281.	-60.0	0.13
0.94	0.22	2.36	999.	10.1	285.4	2.0						
10	01	01	1	13	21.6	-9.000	-9.000	-9.000	234.	-999.	-99999.0	0.13
0.94	0.22	0.00	0.	10.1	285.4	2.0						
10	01	01	1	14	18.3	0.247	0.507	0.006	260.	295.	-75.7	0.07
0.94	0.23	2.86	129.	10.1	285.9	2.0						
10	01	01	1	15	11.0	0.242	0.436	0.006	274.	286.	-117.9	0.07
0.94	0.26	2.86	122.	10.1	286.4	2.0						
10	01	01	1	16	0.4	0.231	0.147	0.006	275.	266.	-2647.7	0.07
0.94	0.35	2.86	134.	10.1	286.4	2.0						
10	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	0.61	0.00	0.	10.1	286.4	2.0						
10	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	285.4	2.0						
10	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.2	2.0						
10	01	01	1	20	-5.9	0.105	-9.000	-9.000	-999.	82.	17.8	0.21
0.94	1.00	1.76	247.	10.1	284.9	2.0						
10	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.9	2.0						
10	01	01	1	22	-3.8	0.069	-9.000	-9.000	-999.	43.	7.9	0.06
0.94	1.00	1.76	162.	10.1	284.2	2.0						
10	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	283.1	2.0						

10 01 01 1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.13
0.94 1.00 0.00 0. 10.1 284.2 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	10.1	1	131.	2.36	282.6	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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**MODELOPTs: RegDEFAULT CONC
 ELEV

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK

GROUP ID		AVERAGE CONC	RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	

I-5	1ST HIGHEST VALUE IS	0.00640 AT (	630284.97, 4272456.28,
5.89,	5.89, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00630 AT (	630299.42, 4272358.71,
4.90,	4.90, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00630 AT (	630282.66, 4272411.37,
4.95,	4.95, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00617 AT (	630311.31, 4272251.47,
4.57,	4.57, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00605 AT (	630330.54, 4272205.52,
4.57,	4.57, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00589 AT (	630331.79, 4272172.47,
4.57,	4.57, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00580 AT (	630356.87, 4272143.29,
4.57,	4.57, 0.00) DC		

6.10,	8TH HIGHEST VALUE IS 6.10, 0.00) DC	0.00565 AT (	630318.57,	4272466.43,
4.57,	9TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00552 AT (	630356.66,	4272089.08,
4.64,	10TH HIGHEST VALUE IS 4.64, 0.00) DC	0.00544 AT (	630390.38,	4272066.69,
GENERATO 4.90,	1ST HIGHEST VALUE IS 4.90, 0.00) DC	0.00016 AT (	630299.42,	4272358.71,
4.95,	2ND HIGHEST VALUE IS 4.95, 0.00) DC	0.00015 AT (	630282.66,	4272411.37,
6.07,	3RD HIGHEST VALUE IS 6.07, 0.00) DC	0.00015 AT (	630225.22,	4272160.04,
5.89,	4TH HIGHEST VALUE IS 5.89, 0.00) DC	0.00013 AT (	630284.97,	4272456.28,
6.10,	5TH HIGHEST VALUE IS 6.10, 0.00) DC	0.00012 AT (	630318.57,	4272466.43,
5.28,	6TH HIGHEST VALUE IS 5.28, 0.00) DC	0.00011 AT (	630335.32,	4272401.80,
5.01,	7TH HIGHEST VALUE IS 5.01, 0.00) DC	0.00010 AT (	630332.93,	4272351.53,
4.65,	8TH HIGHEST VALUE IS 4.65, 0.00) DC	0.00010 AT (	630260.10,	4272113.95,
5.15,	9TH HIGHEST VALUE IS 5.15, 0.00) DC	0.00009 AT (	630239.58,	4272095.42,
4.63,	10TH HIGHEST VALUE IS 4.63, 0.00) DC	0.00007 AT (	630277.66,	4272064.21,
DPM 5.89,	1ST HIGHEST VALUE IS 5.89, 0.00) DC	0.00653 AT (	630284.97,	4272456.28,
4.90,	2ND HIGHEST VALUE IS 4.90, 0.00) DC	0.00646 AT (	630299.42,	4272358.71,
4.95,	3RD HIGHEST VALUE IS 4.95, 0.00) DC	0.00645 AT (	630282.66,	4272411.37,
4.57,	4TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00622 AT (	630311.31,	4272251.47,
4.57,	5TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00610 AT (	630330.54,	4272205.52,

4.57,	6TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00595 AT (	630331.79,	4272172.47,
4.57,	7TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00585 AT (	630356.87,	4272143.29,
6.10,	8TH HIGHEST VALUE IS 6.10, 0.00) DC	0.00577 AT (	630318.57,	4272466.43,
4.57,	9TH HIGHEST VALUE IS 4.57, 0.00) DC	0.00557 AT (	630356.66,	4272089.08,
5.01,	10TH HIGHEST VALUE IS 5.01, 0.00) DC	0.00554 AT (	630332.93,	4272351.53,
OUTFALL 4.90,	1ST HIGHEST VALUE IS 4.90, 0.00) DC	0.00016 AT (	630299.42,	4272358.71,
4.95,	2ND HIGHEST VALUE IS 4.95, 0.00) DC	0.00015 AT (	630282.66,	4272411.37,
6.07,	3RD HIGHEST VALUE IS 6.07, 0.00) DC	0.00015 AT (	630225.22,	4272160.04,
5.89,	4TH HIGHEST VALUE IS 5.89, 0.00) DC	0.00013 AT (	630284.97,	4272456.28,
6.10,	5TH HIGHEST VALUE IS 6.10, 0.00) DC	0.00012 AT (	630318.57,	4272466.43,
5.28,	6TH HIGHEST VALUE IS 5.28, 0.00) DC	0.00011 AT (	630335.32,	4272401.80,
5.01,	7TH HIGHEST VALUE IS 5.01, 0.00) DC	0.00010 AT (	630332.93,	4272351.53,
4.65,	8TH HIGHEST VALUE IS 4.65, 0.00) DC	0.00010 AT (	630260.10,	4272113.95,
5.15,	9TH HIGHEST VALUE IS 5.15, 0.00) DC	0.00009 AT (630239.58,	4272095.42,
4.63,	10TH HIGHEST VALUE IS 4.63, 0.00) DC	0.00007 AT (630277.66,	4272064.21,

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF MAXIMUM PERIOD
(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

OTFL+I-5	1ST HIGHEST VALUE IS	0.00653	AT (	630284.97,	4272456.28,
5.89,	5.89, 0.00) DC				
	2ND HIGHEST VALUE IS	0.00646	AT (	630299.42,	4272358.71,
4.90,	4.90, 0.00) DC				
	3RD HIGHEST VALUE IS	0.00645	AT (	630282.66,	4272411.37,
4.95,	4.95, 0.00) DC				
	4TH HIGHEST VALUE IS	0.00622	AT (	630311.31,	4272251.47,
4.57,	4.57, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00610	AT (	630330.54,	4272205.52,
4.57,	4.57, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00595	AT (	630331.79,	4272172.47,
4.57,	4.57, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00585	AT (	630356.87,	4272143.29,
4.57,	4.57, 0.00) DC				

6.10, 8TH HIGHEST VALUE IS 0.00577 AT (630318.57, 4272466.43,
6.10, 0.00) DC
4.57, 9TH HIGHEST VALUE IS 0.00557 AT (630356.66, 4272089.08,
4.57, 0.00) DC
5.01, 10TH HIGHEST VALUE IS 0.00554 AT (630332.93, 4272351.53,
5.01, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF HIGHEST

1-HR RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK					DATE
GROUP ID			AVERAGE CONC		(YYMMDDHH)
RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)		OF TYPE		GRID-ID

I-5	HIGH	1ST HIGH VALUE IS	0.09430	ON 11121907:	AT (
630260.10,	4272113.95,	4.65,	4.65,	0.00)	DC
GENERATO	HIGH	1ST HIGH VALUE IS	0.00202	ON 11120318:	AT (
630225.22,	4272160.04,	6.07,	6.07,	0.00)	DC
DPM	HIGH	1ST HIGH VALUE IS	0.09430	ON 11121907:	AT (
630260.10,	4272113.95,	4.65,	4.65,	0.00)	DC
OUTFALL	HIGH	1ST HIGH VALUE IS	0.00202	ON 11120318:	AT (
630225.22,	4272160.04,	6.07,	6.07,	0.00)	DC
OTFL+I-5	HIGH	1ST HIGH VALUE IS	0.09430	ON 11121907:	AT (
630260.10,	4272113.95,	4.65,	4.65,	0.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

KPMC

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**MODELOPTs: NonDEFAULT CONC FLAT and
ELEV

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 83 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 1500000.0 ; Urban Roughness Length = 1.000 m

- **Model Allows User-Specified Options:
1. Stack-tip Downwash.
 2. Allow FLAT/ELEV Terrain Option by Source,
with 0 FLAT and 83 ELEV Source(s).
 3. Use Calms Processing Routine.
 4. Use Missing Data Processing Routine.
 5. No Exponential Decay.
 6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 83 Source(s); 8 Source Group(s); and
41 Receptor(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**Model Set To Continue RUNNING After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours
m for
Missing Hours
b for
Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.83 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Detailed Error/Message File: Hospital.err
**File for Summary of Results: Hospital.sum

8.23, 10.80,

1.54, 3.09, 5.14,

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**MODELOPTs: NonDEFAULT CONC FLAT and
ELEV

*** UP TO THE FIRST 24 HOURS OF
METEOROLOGICAL DATA ***

Surface file: Exec 10-14 N1MD.SFC
Met Version: 14134
Profile file: Exec 10-14 N1MD.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23232 Upper air station no.:
23230
Name: SACRAMENTO/EXECUTIVE_ARPT Name:
OAKLAND/WSO_AP
Year: 2010 Year:
2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
10	01	01	1	01	-9.2	0.095	-9.000	-9.000	-999.	70.		8.5	0.07
0.94	1.00			2.36	131.	10.1	282.5	2.0					
10	01	01	1	02	-8.6	0.091	-9.000	-9.000	-999.	66.		8.0	0.06
0.94	1.00			2.36	118.	10.1	283.1	2.0					
10	01	01	1	03	-4.8	0.068	-9.000	-9.000	-999.	42.		6.0	0.06
0.94	1.00			1.76	114.	10.1	283.1	2.0					
10	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0		0.13
0.94	1.00			0.00	0.	10.1	283.1	2.0					

10	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.5	2.0						
10	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	08	-16.5	0.289	-9.000	-9.000	-999.	372.	133.8	0.07
0.94	0.76	3.86	143.	10.1	283.1	2.0						
10	01	01	1	09	0.7	0.140	0.048	0.009	6.	142.	-387.3	0.06
0.94	0.40	1.76	177.	10.1	283.1	2.0						
10	01	01	1	10	22.2	0.222	0.412	0.006	115.	251.	-45.3	0.09
0.94	0.28	2.36	191.	10.1	284.2	2.0						
10	01	01	1	11	16.2	0.240	0.412	0.006	158.	282.	-78.1	0.06
0.94	0.23	2.86	164.	10.1	285.4	2.0						
10	01	01	1	12	20.9	0.239	0.486	0.006	200.	281.	-60.0	0.13
0.94	0.22	2.36	999.	10.1	285.4	2.0						
10	01	01	1	13	21.6	-9.000	-9.000	-9.000	234.	-999.	-99999.0	0.13
0.94	0.22	0.00	0.	10.1	285.4	2.0						
10	01	01	1	14	18.3	0.247	0.507	0.006	260.	295.	-75.7	0.07
0.94	0.23	2.86	129.	10.1	285.9	2.0						
10	01	01	1	15	11.0	0.242	0.436	0.006	274.	286.	-117.9	0.07
0.94	0.26	2.86	122.	10.1	286.4	2.0						
10	01	01	1	16	0.4	0.231	0.147	0.006	275.	266.	-2647.7	0.07
0.94	0.35	2.86	134.	10.1	286.4	2.0						
10	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	0.61	0.00	0.	10.1	286.4	2.0						
10	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	285.4	2.0						
10	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.2	2.0						
10	01	01	1	20	-5.9	0.105	-9.000	-9.000	-999.	82.	17.8	0.21
0.94	1.00	1.76	247.	10.1	284.9	2.0						
10	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.9	2.0						
10	01	01	1	22	-3.8	0.069	-9.000	-9.000	-999.	43.	7.9	0.06
0.94	1.00	1.76	162.	10.1	284.2	2.0						
10	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	283.1	2.0						

10 01 01 1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.13
0.94 1.00 0.00 0. 10.1 284.2 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	10.1	1	131.	2.36	282.6	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

7.99,	8TH HIGHEST VALUE IS 7.99, 0.00) DC	0.00125 AT (	630641.71,	4272533.45,
9.55,	9TH HIGHEST VALUE IS 9.55, 0.00) DC	0.00120 AT (	630651.28,	4272418.55,
9.40,	10TH HIGHEST VALUE IS 9.40, 0.00) DC	0.00115 AT (	630663.25,	4272492.76,
5.53,	GENERATOR 1ST HIGHEST VALUE IS 5.53, 0.00) DC	0.00164 AT (	630459.79,	4272408.98,
6.35,	2ND HIGHEST VALUE IS 6.35, 0.00) DC	0.00153 AT (	630470.78,	4272477.43,
6.66,	3RD HIGHEST VALUE IS 6.66, 0.00) DC	0.00105 AT (	630510.06,	4272485.57,
5.03,	4TH HIGHEST VALUE IS 5.03, 0.00) DC	0.00080 AT (	630639.31,	4272610.04,
6.15,	5TH HIGHEST VALUE IS 6.15, 0.00) DC	0.00079 AT (	630522.03,	4272416.16,
8.12,	6TH HIGHEST VALUE IS 8.12, 0.00) DC	0.00055 AT (	630579.47,	4272490.36,
7.99,	7TH HIGHEST VALUE IS 7.99, 0.00) DC	0.00049 AT (	630641.71,	4272533.45,
8.46,	8TH HIGHEST VALUE IS 8.46, 0.00) DC	0.00046 AT (	630591.44,	4272404.19,
7.62,	9TH HIGHEST VALUE IS 7.62, 0.00) DC	0.00034 AT (	630862.85,	4272697.37,
9.40,	10TH HIGHEST VALUE IS 9.40, 0.00) DC	0.00033 AT (	630663.25,	4272492.76,
5.53,	BOILER 1ST HIGHEST VALUE IS 5.53, 0.00) DC	8.85264 AT (	630459.79,	4272408.98,
6.35,	2ND HIGHEST VALUE IS 6.35, 0.00) DC	7.56888 AT (	630470.78,	4272477.43,
6.66,	3RD HIGHEST VALUE IS 6.66, 0.00) DC	6.22157 AT (	630510.06,	4272485.57,
6.15,	4TH HIGHEST VALUE IS 6.15, 0.00) DC	5.54192 AT (	630522.03,	4272416.16,
5.03,	5TH HIGHEST VALUE IS 5.03, 0.00) DC	4.75901 AT (	630639.31,	4272610.04,

8.12,	6TH HIGHEST VALUE IS 8.12, 0.00) DC	3.84400 AT (	630579.47,	4272490.36,
8.46,	7TH HIGHEST VALUE IS 8.46, 0.00) DC	3.45649 AT (	630591.44,	4272404.19,
7.99,	8TH HIGHEST VALUE IS 7.99, 0.00) DC	3.27076 AT (	630641.71,	4272533.45,
9.55,	9TH HIGHEST VALUE IS 9.55, 0.00) DC	2.39386 AT (	630651.28,	4272418.55,
9.40,	10TH HIGHEST VALUE IS 9.40, 0.00) DC	2.37349 AT (	630663.25,	4272492.76,
DPM	1ST HIGHEST VALUE IS	0.00438 AT (	630459.79,	4272408.98,
5.53,	5.53, 0.00) DC			
6.35,	2ND HIGHEST VALUE IS 6.35, 0.00) DC	0.00407 AT (	630470.78,	4272477.43,
6.66,	3RD HIGHEST VALUE IS 6.66, 0.00) DC	0.00319 AT (	630510.06,	4272485.57,
6.15,	4TH HIGHEST VALUE IS 6.15, 0.00) DC	0.00288 AT (	630522.03,	4272416.16,
8.12,	5TH HIGHEST VALUE IS 8.12, 0.00) DC	0.00214 AT (	630579.47,	4272490.36,
5.03,	6TH HIGHEST VALUE IS 5.03, 0.00) DC	0.00207 AT (	630639.31,	4272610.04,
8.46,	7TH HIGHEST VALUE IS 8.46, 0.00) DC	0.00200 AT (	630591.44,	4272404.19,
7.99,	8TH HIGHEST VALUE IS 7.99, 0.00) DC	0.00174 AT (	630641.71,	4272533.45,
9.55,	9TH HIGHEST VALUE IS 9.55, 0.00) DC	0.00152 AT (630651.28,	4272418.55,
9.40,	10TH HIGHEST VALUE IS 9.40, 0.00) DC	0.00148 AT (630663.25,	4272492.76,

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**MODELOPTs: NonDEFAULT CONC
ELEV

FLAT and

*** THE SUMMARY OF MAXIMUM PERIOD
(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

HOSPITAL	1ST HIGHEST VALUE IS	8.85428	AT (	630459.79,	4272408.98,
5.53,	5.53, 0.00) DC				
	2ND HIGHEST VALUE IS	7.57042	AT (	630470.78,	4272477.43,
6.35,	6.35, 0.00) DC				
	3RD HIGHEST VALUE IS	6.22262	AT (	630510.06,	4272485.57,
6.66,	6.66, 0.00) DC				
	4TH HIGHEST VALUE IS	5.54271	AT (	630522.03,	4272416.16,
6.15,	6.15, 0.00) DC				
	5TH HIGHEST VALUE IS	4.75981	AT (	630639.31,	4272610.04,
5.03,	5.03, 0.00) DC				
	6TH HIGHEST VALUE IS	3.84454	AT (	630579.47,	4272490.36,
8.12,	8.12, 0.00) DC				
	7TH HIGHEST VALUE IS	3.45694	AT (	630591.44,	4272404.19,
8.46,	8.46, 0.00) DC				

7.99,	8TH HIGHEST VALUE IS 7.99, 0.00) DC	3.27125 AT (	630641.71,	4272533.45,
9.55,	9TH HIGHEST VALUE IS 9.55, 0.00) DC	2.39418 AT (	630651.28,	4272418.55,
9.40,	10TH HIGHEST VALUE IS 9.40, 0.00) DC	2.37382 AT (	630663.25,	4272492.76,
HOSPGEN 5.53,	1ST HIGHEST VALUE IS 5.53, 0.00) DC	0.00164 AT (	630459.79,	4272408.98,
6.35,	2ND HIGHEST VALUE IS 6.35, 0.00) DC	0.00153 AT (	630470.78,	4272477.43,
6.66,	3RD HIGHEST VALUE IS 6.66, 0.00) DC	0.00105 AT (	630510.06,	4272485.57,
5.03,	4TH HIGHEST VALUE IS 5.03, 0.00) DC	0.00080 AT (	630639.31,	4272610.04,
6.15,	5TH HIGHEST VALUE IS 6.15, 0.00) DC	0.00079 AT (	630522.03,	4272416.16,
8.12,	6TH HIGHEST VALUE IS 8.12, 0.00) DC	0.00055 AT (	630579.47,	4272490.36,
7.99,	7TH HIGHEST VALUE IS 7.99, 0.00) DC	0.00049 AT (	630641.71,	4272533.45,
8.46,	8TH HIGHEST VALUE IS 8.46, 0.00) DC	0.00046 AT (	630591.44,	4272404.19,
7.62,	9TH HIGHEST VALUE IS 7.62, 0.00) DC	0.00034 AT (	630862.85,	4272697.37,
9.40,	10TH HIGHEST VALUE IS 9.40, 0.00) DC	0.00033 AT (	630663.25,	4272492.76,
OTFL+I-5 5.53,	1ST HIGHEST VALUE IS 5.53, 0.00) DC	0.00274 AT (	630459.79,	4272408.98,
6.35,	2ND HIGHEST VALUE IS 6.35, 0.00) DC	0.00254 AT (	630470.78,	4272477.43,
6.66,	3RD HIGHEST VALUE IS 6.66, 0.00) DC	0.00214 AT (	630510.06,	4272485.57,
6.15,	4TH HIGHEST VALUE IS 6.15, 0.00) DC	0.00209 AT (	630522.03,	4272416.16,
8.12,	5TH HIGHEST VALUE IS 8.12, 0.00) DC	0.00160 AT (	630579.47,	4272490.36,

8.46,	6TH HIGHEST VALUE IS 8.46, 0.00) DC	0.00154 AT (	630591.44,	4272404.19,
5.03,	7TH HIGHEST VALUE IS 5.03, 0.00) DC	0.00127 AT (	630639.31,	4272610.04,
7.99,	8TH HIGHEST VALUE IS 7.99, 0.00) DC	0.00125 AT (	630641.71,	4272533.45,
9.55,	9TH HIGHEST VALUE IS 9.55, 0.00) DC	0.00120 AT (	630651.28,	4272418.55,
9.40,	10TH HIGHEST VALUE IS 9.40, 0.00) DC	0.00115 AT (	630663.25,	4272492.76,
HOSPALL 5.53,	1ST HIGHEST VALUE IS 5.53, 0.00) DC	8.85428 AT (	630459.79,	4272408.98,
6.35,	2ND HIGHEST VALUE IS 6.35, 0.00) DC	7.57042 AT (	630470.78,	4272477.43,
6.66,	3RD HIGHEST VALUE IS 6.66, 0.00) DC	6.22262 AT (	630510.06,	4272485.57,
6.15,	4TH HIGHEST VALUE IS 6.15, 0.00) DC	5.54271 AT (	630522.03,	4272416.16,
5.03,	5TH HIGHEST VALUE IS 5.03, 0.00) DC	4.75981 AT (	630639.31,	4272610.04,
8.12,	6TH HIGHEST VALUE IS 8.12, 0.00) DC	3.84454 AT (	630579.47,	4272490.36,
8.46,	7TH HIGHEST VALUE IS 8.46, 0.00) DC	3.45694 AT (	630591.44,	4272404.19,
7.99,	8TH HIGHEST VALUE IS 7.99, 0.00) DC	3.27125 AT (	630641.71,	4272533.45,
9.55,	9TH HIGHEST VALUE IS 9.55, 0.00) DC	2.39418 AT (	630651.28,	4272418.55,
9.40,	10TH HIGHEST VALUE IS 9.40, 0.00) DC	2.37382 AT (630663.25,	4272492.76,

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

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**MODELOPTs: NonDEFAULT CONC FLAT and
ELEV

*** THE SUMMARY OF HIGHEST

1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK				DATE
GROUP ID			AVERAGE CONC	(YYMMDDHH)
RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)		OF TYPE	GRID-ID

I-5	HIGH	1ST HIGH VALUE IS	0.03387	ON 10012607: AT (
630459.79,	4272408.98,	5.53,	5.53,	0.00) DC
GENERATO	HIGH	1ST HIGH VALUE IS	0.03754	ON 14092618: AT (
630470.78,	4272477.43,	6.35,	6.35,	0.00) DC
BOIL	HIGH	1ST HIGH VALUE IS	181.07799	ON 14030823: AT (
630522.03,	4272416.16,	6.15,	6.15,	0.00) DC
DPM	HIGH	1ST HIGH VALUE IS	0.04297	ON 13041107: AT (
630459.79,	4272408.98,	5.53,	5.53,	0.00) DC
HOSPITAL	HIGH	1ST HIGH VALUE IS	181.07905	ON 14030823: AT (
630522.03,	4272416.16,	6.15,	6.15,	0.00) DC

HOSPGEN HIGH 1ST HIGH VALUE IS 0.03754 ON 14092618: AT (
630470.78, 4272477.43, 6.35, 6.35, 0.00) DC

OTFL+I-5 HIGH 1ST HIGH VALUE IS 0.03387 ON 10012607: AT (
630459.79, 4272408.98, 5.53, 5.53, 0.00) DC

HOSPALL HIGH 1ST HIGH VALUE IS 181.07905 ON 14030823: AT (
630522.03, 4272416.16, 6.15, 6.15, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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**MODELOPTs: NonDEFAULT CONC FLAT and
ELEV

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 14879 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 12186 Calm Hours Identified

A Total of 2693 Missing Hours Identified (6.15 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
*** NONE ***

Stadium

```
*** AERMOD - VERSION 12060 ***   *** C:\Users\sda\Desktop\Kaiser -  
AERMOD\Railyards.isc           ***   ***           04/07/16  
***                               ***  
***           12:57:55
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**MODELOPTs: RegDEFAULT CONC
ELEV

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 82 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 1500000.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay for URBAN/Non-SO2.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR
 and Calculates PERIOD Averages

**This Run Includes: 82 Source(s); 5 Source Group(s); and
 28 Receptor(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**Model Set To Continue RUNNING After the Setup Testing.

**Output Options Selected:
 Model Outputs Tables of PERIOD Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor
 (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting
 (PLOTFILE Keyword)
 Model Outputs Separate Summary File of High Ranked Values
 (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for
 Calm Hours
 m for
 Missing Hours
 b for
 Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.83 ;
 Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC
 ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Detailed Error/Message File: Stadium.err
 **File for Summary of Results: Stadium.sum

8.23, 10.80,

1.54, 3.09, 5.14,

10	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.5	2.0						
10	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	08	-16.5	0.289	-9.000	-9.000	-999.	372.	133.8	0.07
0.94	0.76	3.86	143.	10.1	283.1	2.0						
10	01	01	1	09	0.7	0.140	0.048	0.009	6.	142.	-387.3	0.06
0.94	0.40	1.76	177.	10.1	283.1	2.0						
10	01	01	1	10	22.2	0.222	0.412	0.006	115.	251.	-45.3	0.09
0.94	0.28	2.36	191.	10.1	284.2	2.0						
10	01	01	1	11	16.2	0.240	0.412	0.006	158.	282.	-78.1	0.06
0.94	0.23	2.86	164.	10.1	285.4	2.0						
10	01	01	1	12	20.9	0.239	0.486	0.006	200.	281.	-60.0	0.13
0.94	0.22	2.36	999.	10.1	285.4	2.0						
10	01	01	1	13	21.6	-9.000	-9.000	-9.000	234.	-999.	-99999.0	0.13
0.94	0.22	0.00	0.	10.1	285.4	2.0						
10	01	01	1	14	18.3	0.247	0.507	0.006	260.	295.	-75.7	0.07
0.94	0.23	2.86	129.	10.1	285.9	2.0						
10	01	01	1	15	11.0	0.242	0.436	0.006	274.	286.	-117.9	0.07
0.94	0.26	2.86	122.	10.1	286.4	2.0						
10	01	01	1	16	0.4	0.231	0.147	0.006	275.	266.	-2647.7	0.07
0.94	0.35	2.86	134.	10.1	286.4	2.0						
10	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	0.61	0.00	0.	10.1	286.4	2.0						
10	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	285.4	2.0						
10	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.2	2.0						
10	01	01	1	20	-5.9	0.105	-9.000	-9.000	-999.	82.	17.8	0.21
0.94	1.00	1.76	247.	10.1	284.9	2.0						
10	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.9	2.0						
10	01	01	1	22	-3.8	0.069	-9.000	-9.000	-999.	43.	7.9	0.06
0.94	1.00	1.76	162.	10.1	284.2	2.0						
10	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	283.1	2.0						

10 01 01 1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.13
0.94 1.00 0.00 0. 10.1 284.2 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	10.1	1	131.	2.36	282.6	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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**MODELOPTs: RegDEFAULT CONC
 ELEV

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK

GROUP ID		AVERAGE CONC	RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	

I-5	1ST HIGHEST VALUE IS	0.00074 AT (	629758.21, 4272901.70,
8.10,	8.10, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00059 AT (	630862.85, 4272697.37,
7.62,	7.62, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00059 AT (	629877.14, 4272269.85,
4.81,	7.01, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00056 AT (	630884.28, 4272698.60,
7.62,	7.62, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00051 AT (	629847.97, 4272250.40,
6.34,	6.34, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00047 AT (	629829.03, 4272236.29,
5.51,	5.51, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00042 AT (	629764.99, 4272293.47,
5.85,	5.85, 0.00) DC		

5.42,	8TH HIGHEST VALUE IS 5.42, 0.00) DC	0.00042 AT (	629822.17,	4272176.82,
5.51,	9TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00035 AT (	629751.26,	4272199.69,
7.61,	10TH HIGHEST VALUE IS 7.61, 0.00) DC	0.00034 AT (	630963.38,	4271597.99,
GENERATO 7.32,	1ST HIGHEST VALUE IS 7.32, 0.00) DC	0.00018 AT (	631617.68,	4272047.49,
7.32,	2ND HIGHEST VALUE IS 7.32, 0.00) DC	0.00017 AT (	631626.61,	4272078.74,
7.01,	3RD HIGHEST VALUE IS 7.01, 0.00) DC	0.00016 AT (	631525.25,	4272994.03,
7.32,	4TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00015 AT (	631644.46,	4272110.73,
7.32,	5TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00014 AT (	631656.37,	4272032.61,
7.32,	6TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00014 AT (	631659.34,	4272069.81,
7.48,	7TH HIGHEST VALUE IS 7.48, 0.00) DC	0.00013 AT (	631657.11,	4272139.74,
7.37,	8TH HIGHEST VALUE IS 7.37, 0.00) DC	0.00010 AT (	631714.39,	4272089.15,
7.57,	9TH HIGHEST VALUE IS 7.57, 0.00) DC	0.00009 AT (	631724.81,	4272119.66,
7.32,	10TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00009 AT (	631433.92,	4272003.60,
DPM 8.10,	1ST HIGHEST VALUE IS 8.10, 0.00) DC	0.00075 AT (	629758.21,	4272901.70,
7.62,	2ND HIGHEST VALUE IS 7.62, 0.00) DC	0.00065 AT (	630862.85,	4272697.37,
7.62,	3RD HIGHEST VALUE IS 7.62, 0.00) DC	0.00062 AT (	630884.28,	4272698.60,
4.81,	4TH HIGHEST VALUE IS 7.01, 0.00) DC	0.00060 AT (	629877.14,	4272269.85,
6.34,	5TH HIGHEST VALUE IS 6.34, 0.00) DC	0.00051 AT (	629847.97,	4272250.40,

5.51,	6TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00048 AT (	629829.03,	4272236.29,
5.85,	7TH HIGHEST VALUE IS 5.85, 0.00) DC	0.00043 AT (	629764.99,	4272293.47,
5.42,	8TH HIGHEST VALUE IS 5.42, 0.00) DC	0.00043 AT (	629822.17,	4272176.82,
5.51,	9TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00036 AT (	629751.26,	4272199.69,
7.61,	10TH HIGHEST VALUE IS 7.61, 0.00) DC	0.00035 AT (	630963.38,	4271597.99,
SOC CER	1ST HIGHEST VALUE IS	0.00018 AT (	631617.68,	4272047.49,
7.32,	7.32, 0.00) DC			
7.32,	2ND HIGHEST VALUE IS 7.32, 0.00) DC	0.00017 AT (	631626.61,	4272078.74,
7.01,	3RD HIGHEST VALUE IS 7.01, 0.00) DC	0.00016 AT (	631525.25,	4272994.03,
7.32,	4TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00015 AT (	631644.46,	4272110.73,
7.32,	5TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00014 AT (	631656.37,	4272032.61,
7.32,	6TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00014 AT (	631659.34,	4272069.81,
7.48,	7TH HIGHEST VALUE IS 7.48, 0.00) DC	0.00013 AT (	631657.11,	4272139.74,
7.37,	8TH HIGHEST VALUE IS 7.37, 0.00) DC	0.00010 AT (	631714.39,	4272089.15,
7.57,	9TH HIGHEST VALUE IS 7.57, 0.00) DC	0.00009 AT (631724.81,	4272119.66,
7.32,	10TH HIGHEST VALUE IS 7.32, 0.00) DC	0.00009 AT (631433.92,	4272003.60,

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF MAXIMUM PERIOD
(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M*3
**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

OTFL+I-5	1ST HIGHEST VALUE IS	0.00074	AT (	629758.21,	4272901.70,
8.10,	8.10, 0.00) DC				
	2ND HIGHEST VALUE IS	0.00059	AT (	630862.85,	4272697.37,
7.62,	7.62, 0.00) DC				
	3RD HIGHEST VALUE IS	0.00059	AT (	629877.14,	4272269.85,
4.81,	7.01, 0.00) DC				
	4TH HIGHEST VALUE IS	0.00056	AT (	630884.28,	4272698.60,
7.62,	7.62, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00051	AT (	629847.97,	4272250.40,
6.34,	6.34, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00047	AT (	629829.03,	4272236.29,
5.51,	5.51, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00042	AT (	629764.99,	4272293.47,
5.85,	5.85, 0.00) DC				

5.42, 8TH HIGHEST VALUE IS 0.00042 AT (629822.17, 4272176.82,
5.42, 0.00) DC
5.51, 9TH HIGHEST VALUE IS 0.00035 AT (629751.26, 4272199.69,
5.51, 0.00) DC
7.61, 10TH HIGHEST VALUE IS 0.00034 AT (630963.38, 4271597.99,
7.61, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** 12:57:55

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF HIGHEST

1-HR RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK					DATE
GROUP ID			AVERAGE CONC		(YYMMDDHH)
RECEPTOR	(XR, YR, ZELEV,	ZHILL, ZFLAG)	OF TYPE	GRID-ID	

I-5	HIGH	1ST HIGH VALUE IS	0.02812	ON 14032107:	AT (
629758.21,	4272901.70,	8.10,	8.10,	0.00)	DC
GENERATO	HIGH	1ST HIGH VALUE IS	0.00300	ON 13112218:	AT (
631373.58,	4272027.30,	7.44,	7.44,	0.00)	DC
DPM	HIGH	1ST HIGH VALUE IS	0.02812	ON 14032107:	AT (
629758.21,	4272901.70,	8.10,	8.10,	0.00)	DC
SOCCER	HIGH	1ST HIGH VALUE IS	0.00300	ON 13112218:	AT (
631373.58,	4272027.30,	7.44,	7.44,	0.00)	DC
OTFL+I-5	HIGH	1ST HIGH VALUE IS	0.02812	ON 14032107:	AT (
629758.21,	4272901.70,	8.10,	8.10,	0.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 *** *** C:\Users\sda\Desktop\Kaiser -
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**MODELOPTs: RegDEFAULT CONC
ELEV

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 14879 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 12186 Calm Hours Identified

A Total of 2693 Missing Hours Identified (6.15 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
*** NONE ***

Outfall

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*** AERMOD - VERSION 12060 ***   *** C:\Users\sda\Desktop\Kaiser -  
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***           12:53:06
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**MODELOPTs: RegDEFAULT CONC
ELEV

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 82 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 1500000.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay for URBAN/Non-SO2.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR
 and Calculates PERIOD Averages

**This Run Includes: 82 Source(s); 5 Source Group(s); and
 28 Receptor(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**Model Set To Continue RUNNING After the Setup Testing.

**Output Options Selected:
 Model Outputs Tables of PERIOD Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor
 (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting
 (PLOTFILE Keyword)
 Model Outputs Separate Summary File of High Ranked Values
 (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for
 Calm Hours
 m for
 Missing Hours
 b for
 Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.83 ;
 Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC
 ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Detailed Error/Message File: Outfall.err
 **File for Summary of Results: Outfall.sum

8.23, 10.80,

1.54, 3.09, 5.14,

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** UP TO THE FIRST 24 HOURS OF
METEOROLOGICAL DATA ***

Surface file: Exec 10-14 N1MD.SFC
Met Version: 14134
Profile file: Exec 10-14 N1MD.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23232 Upper air station no.:
23230
Name: SACRAMENTO/EXECUTIVE_ARPT Name:
OAKLAND/WSO_AP Year: 2010 Year:
2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
10	01	01	1	01	-9.2	0.095	-9.000	-9.000	-999.	70.		8.5	0.07
0.94	1.00				2.36	131.	10.1	282.5	2.0				
10	01	01	1	02	-8.6	0.091	-9.000	-9.000	-999.	66.		8.0	0.06
0.94	1.00				2.36	118.	10.1	283.1	2.0				
10	01	01	1	03	-4.8	0.068	-9.000	-9.000	-999.	42.		6.0	0.06
0.94	1.00				1.76	114.	10.1	283.1	2.0				
10	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0		0.13
0.94	1.00				0.00	0.	10.1	283.1	2.0				

10	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.5	2.0						
10	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	282.0	2.0						
10	01	01	1	08	-16.5	0.289	-9.000	-9.000	-999.	372.	133.8	0.07
0.94	0.76	3.86	143.	10.1	283.1	2.0						
10	01	01	1	09	0.7	0.140	0.048	0.009	6.	142.	-387.3	0.06
0.94	0.40	1.76	177.	10.1	283.1	2.0						
10	01	01	1	10	22.2	0.222	0.412	0.006	115.	251.	-45.3	0.09
0.94	0.28	2.36	191.	10.1	284.2	2.0						
10	01	01	1	11	16.2	0.240	0.412	0.006	158.	282.	-78.1	0.06
0.94	0.23	2.86	164.	10.1	285.4	2.0						
10	01	01	1	12	20.9	0.239	0.486	0.006	200.	281.	-60.0	0.13
0.94	0.22	2.36	999.	10.1	285.4	2.0						
10	01	01	1	13	21.6	-9.000	-9.000	-9.000	234.	-999.	-99999.0	0.13
0.94	0.22	0.00	0.	10.1	285.4	2.0						
10	01	01	1	14	18.3	0.247	0.507	0.006	260.	295.	-75.7	0.07
0.94	0.23	2.86	129.	10.1	285.9	2.0						
10	01	01	1	15	11.0	0.242	0.436	0.006	274.	286.	-117.9	0.07
0.94	0.26	2.86	122.	10.1	286.4	2.0						
10	01	01	1	16	0.4	0.231	0.147	0.006	275.	266.	-2647.7	0.07
0.94	0.35	2.86	134.	10.1	286.4	2.0						
10	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	0.61	0.00	0.	10.1	286.4	2.0						
10	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	285.4	2.0						
10	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.2	2.0						
10	01	01	1	20	-5.9	0.105	-9.000	-9.000	-999.	82.	17.8	0.21
0.94	1.00	1.76	247.	10.1	284.9	2.0						
10	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	284.9	2.0						
10	01	01	1	22	-3.8	0.069	-9.000	-9.000	-999.	43.	7.9	0.06
0.94	1.00	1.76	162.	10.1	284.2	2.0						
10	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.13
0.94	1.00	0.00	0.	10.1	283.1	2.0						

10 01 01 1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.13
0.94 1.00 0.00 0. 10.1 284.2 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	10.1	1	131.	2.36	282.6	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF MAXIMUM PERIOD
(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

I-5	1ST HIGHEST VALUE IS	0.00074 AT (	629758.21,	4272901.70,
8.10,	8.10, 0.00) DC			
	2ND HIGHEST VALUE IS	0.00059 AT (	630862.85,	4272697.37,
7.62,	7.62, 0.00) DC			
	3RD HIGHEST VALUE IS	0.00059 AT (	629877.14,	4272269.85,
4.81,	7.01, 0.00) DC			
	4TH HIGHEST VALUE IS	0.00056 AT (	630884.28,	4272698.60,
7.62,	7.62, 0.00) DC			
	5TH HIGHEST VALUE IS	0.00051 AT (	629847.97,	4272250.40,
6.34,	6.34, 0.00) DC			
	6TH HIGHEST VALUE IS	0.00047 AT (	629829.03,	4272236.29,
5.51,	5.51, 0.00) DC			
	7TH HIGHEST VALUE IS	0.00042 AT (	629764.99,	4272293.47,
5.85,	5.85, 0.00) DC			

5.42,	8TH HIGHEST VALUE IS 5.42, 0.00) DC	0.00042 AT (	629822.17,	4272176.82,
5.51,	9TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00035 AT (	629751.26,	4272199.69,
7.61,	10TH HIGHEST VALUE IS 7.61, 0.00) DC	0.00034 AT (	630963.38,	4271597.99,
GENERATO 8.10,	1ST HIGHEST VALUE IS 8.10, 0.00) DC	0.00003 AT (	629758.21,	4272901.70,
7.62,	2ND HIGHEST VALUE IS 7.62, 0.00) DC	0.00001 AT (	630862.85,	4272697.37,
7.62,	3RD HIGHEST VALUE IS 7.62, 0.00) DC	0.00001 AT (	630884.28,	4272698.60,
4.81,	4TH HIGHEST VALUE IS 7.01, 0.00) DC	0.00001 AT (	629877.14,	4272269.85,
7.61,	5TH HIGHEST VALUE IS 7.61, 0.00) DC	0.00001 AT (	630963.38,	4271597.99,
5.85,	6TH HIGHEST VALUE IS 5.85, 0.00) DC	0.00001 AT (	629764.99,	4272293.47,
6.34,	7TH HIGHEST VALUE IS 6.34, 0.00) DC	0.00001 AT (	629847.97,	4272250.40,
5.51,	8TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00001 AT (	629829.03,	4272236.29,
5.42,	9TH HIGHEST VALUE IS 5.42, 0.00) DC	0.00001 AT (	629822.17,	4272176.82,
5.51,	10TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00001 AT (	629751.26,	4272199.69,
DPM 8.10,	1ST HIGHEST VALUE IS 8.10, 0.00) DC	0.00077 AT (	629758.21,	4272901.70,
7.62,	2ND HIGHEST VALUE IS 7.62, 0.00) DC	0.00061 AT (	630862.85,	4272697.37,
4.81,	3RD HIGHEST VALUE IS 7.01, 0.00) DC	0.00060 AT (	629877.14,	4272269.85,
7.62,	4TH HIGHEST VALUE IS 7.62, 0.00) DC	0.00057 AT (	630884.28,	4272698.60,
6.34,	5TH HIGHEST VALUE IS 6.34, 0.00) DC	0.00051 AT (	629847.97,	4272250.40,

5.51,	6TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00048 AT (	629829.03,	4272236.29,
5.85,	7TH HIGHEST VALUE IS 5.85, 0.00) DC	0.00043 AT (	629764.99,	4272293.47,
5.42,	8TH HIGHEST VALUE IS 5.42, 0.00) DC	0.00042 AT (	629822.17,	4272176.82,
5.51,	9TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00036 AT (	629751.26,	4272199.69,
7.61,	10TH HIGHEST VALUE IS 7.61, 0.00) DC	0.00035 AT (	630963.38,	4271597.99,
OUTFALL 8.10,	1ST HIGHEST VALUE IS 8.10, 0.00) DC	0.00003 AT (	629758.21,	4272901.70,
7.62,	2ND HIGHEST VALUE IS 7.62, 0.00) DC	0.00001 AT (	630862.85,	4272697.37,
7.62,	3RD HIGHEST VALUE IS 7.62, 0.00) DC	0.00001 AT (	630884.28,	4272698.60,
4.81,	4TH HIGHEST VALUE IS 7.01, 0.00) DC	0.00001 AT (	629877.14,	4272269.85,
7.61,	5TH HIGHEST VALUE IS 7.61, 0.00) DC	0.00001 AT (	630963.38,	4271597.99,
5.85,	6TH HIGHEST VALUE IS 5.85, 0.00) DC	0.00001 AT (	629764.99,	4272293.47,
6.34,	7TH HIGHEST VALUE IS 6.34, 0.00) DC	0.00001 AT (	629847.97,	4272250.40,
5.51,	8TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00001 AT (	629829.03,	4272236.29,
5.42,	9TH HIGHEST VALUE IS 5.42, 0.00) DC	0.00001 AT (629822.17,	4272176.82,
5.51,	10TH HIGHEST VALUE IS 5.51, 0.00) DC	0.00001 AT (629751.26,	4272199.69,

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF MAXIMUM PERIOD
(43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

OTFL+I-5	1ST HIGHEST VALUE IS	0.00077	AT (	629758.21,	4272901.70,
8.10,	8.10, 0.00) DC				
	2ND HIGHEST VALUE IS	0.00061	AT (	630862.85,	4272697.37,
7.62,	7.62, 0.00) DC				
	3RD HIGHEST VALUE IS	0.00060	AT (	629877.14,	4272269.85,
4.81,	7.01, 0.00) DC				
	4TH HIGHEST VALUE IS	0.00057	AT (	630884.28,	4272698.60,
7.62,	7.62, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00051	AT (	629847.97,	4272250.40,
6.34,	6.34, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00048	AT (	629829.03,	4272236.29,
5.51,	5.51, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00043	AT (	629764.99,	4272293.47,
5.85,	5.85, 0.00) DC				

5.42,	8TH HIGHEST VALUE IS	0.00042 AT (	629822.17,	4272176.82,
	5.42, 0.00) DC			
5.51,	9TH HIGHEST VALUE IS	0.00036 AT (	629751.26,	4272199.69,
	5.51, 0.00) DC			
7.61,	10TH HIGHEST VALUE IS	0.00035 AT (	630963.38,	4271597.99,
	7.61, 0.00) DC			

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** THE SUMMARY OF HIGHEST

1-HR RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK				DATE
GROUP ID			AVERAGE CONC	(YYMMDDHH)
RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)		OF TYPE	GRID-ID

I-5	HIGH	1ST HIGH VALUE IS	0.02812	ON 14032107: AT (
629758.21,	4272901.70,	8.10,	8.10,	0.00) DC
GENERATO	HIGH	1ST HIGH VALUE IS	0.00061	ON 14013023: AT (
629822.17,	4272176.82,	5.42,	5.42,	0.00) DC
DPM	HIGH	1ST HIGH VALUE IS	0.02848	ON 10021107: AT (
629758.21,	4272901.70,	8.10,	8.10,	0.00) DC
OUTFALL	HIGH	1ST HIGH VALUE IS	0.00061	ON 14013023: AT (
629822.17,	4272176.82,	5.42,	5.42,	0.00) DC
OTFL+I-5	HIGH	1ST HIGH VALUE IS	0.02848	ON 10021107: AT (
629758.21,	4272901.70,	8.10,	8.10,	0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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**MODELOPTs: RegDEFAULT CONC
ELEV

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 14879 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 12186 Calm Hours Identified

A Total of 2693 Missing Hours Identified (6.15 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
*** NONE ***