

Mt. SAC EFMP Phases 1A and 1B - Los Angeles-South Coast County, Winter

Mt. SAC EFMP Phases 1A and 1B
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	340.00	1000sqft	7.81	340,000.00	0
User Defined Industrial	1.00	User Defined Unit	0.02	1,000.00	0
Unenclosed Parking with Elevator	607.82	1000sqft	5.98	607,819.00	0
City Park	0.05	Acre	0.05	2,003.76	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	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 - .
- Construction Phase - .
- Off-road Equipment -
- Off-road Equipment - .
- Off-road Equipment - .

Off-road Equipment - .

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Off-road Equipment - .

Off-road Equipment - .

Trips and VMT - .

Demolition - .

Grading - .

Architectural Coating - .

Vehicle Trips - Construction Only

Area Coating - No Operational in this run

Construction Off-road Equipment Mitigation - Tier 3

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,500.00	95,471.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,500.00	134,479.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,500.00	35,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,500.00	105,000.00
tblArchitecturalCoating	ConstArea_Parking	36,469.00	17,184.00
tblArchitecturalCoating	ConstArea_Parking	36,469.00	101,314.00
tblArchitecturalCoating	ConstArea_Parking	36,469.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	170500	0
tblAreaCoating	Area_Nonresidential_Interior	511500	0
tblAreaCoating	Area_Parking	36469	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	19.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	24.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	21.00
tblConstructionPhase	NumDays	20.00	21.00
tblConstructionPhase	NumDays	20.00	80.00
tblConstructionPhase	NumDays	300.00	523.00
tblConstructionPhase	NumDays	300.00	312.00
tblConstructionPhase	NumDays	300.00	269.00
tblConstructionPhase	NumDays	300.00	260.00
tblConstructionPhase	NumDays	20.00	210.00
tblConstructionPhase	NumDays	20.00	48.00
tblConstructionPhase	NumDays	20.00	158.00
tblConstructionPhase	NumDays	20.00	39.00
tblConstructionPhase	NumDays	30.00	48.00
tblConstructionPhase	NumDays	30.00	78.00
tblConstructionPhase	NumDays	30.00	27.00
tblConstructionPhase	NumDays	30.00	38.00
tblConstructionPhase	NumDays	30.00	79.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	20.00	338.00
tblConstructionPhase	NumDays	20.00	36.00
tblConstructionPhase	NumDays	10.00	48.00

tblLandUse	LotAcreage	0.00	0.02
tblLandUse	LotAcreage	13.95	5.98
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	WorkerTripNumber	399.00	100.00
tblTripsAndVMT	WorkerTripNumber	5.00	13.00
tblTripsAndVMT	WorkerTripNumber	399.00	100.00
tblTripsAndVMT	WorkerTripNumber	399.00	100.00
tblTripsAndVMT	WorkerTripNumber	399.00	100.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	11.23	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.21	0.00
tblVehicleTrips	WD_TR	1.89	0.00

tblVehicleTrips	WD_TR	27.49	0.00
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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					
2019	23.0011	241.2349	153.5219	0.3265	18.9785	7.4547	30.0339	6.0278	6.9255	16.3029	0.0000	32,770.9551	32,770.9551	7.2819	0.0000	32,928.4379
2020	62.0548	146.0105	93.6775	0.2570	24.7271	5.3552	29.1244	11.6048	4.9790	14.2606	0.0000	25,913.0874	25,913.0874	4.4212	0.0000	26,023.6175
2021	16.5851	100.0136	80.5386	0.2051	25.3972	3.7804	29.0401	11.6048	3.5190	14.9530	0.0000	20,607.2431	20,607.2431	3.3609	0.0000	20,691.2667
2022	15.7035	79.9950	67.8086	0.1904	14.6836	2.6724	17.3560	5.5862	2.5009	8.0871	0.0000	19,195.3761	19,195.3761	2.6499	0.0000	19,261.6236
Maximum	62.0548	241.2349	153.5219	0.3265	25.3972	7.4547	30.0339	11.6048	6.9255	16.3029	0.0000	32,770.9551	32,770.9551	7.2819	0.0000	32,928.4379

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					
2019	6.0811	53.8153	158.6450	0.3265	12.4889	0.6588	13.1212	3.6525	0.6468	4.2778	0.0000	32,770.9551	32,770.9551	7.2819	0.0000	32,928.4379
2020	56.0838	52.7976	96.2699	0.2570	14.7874	0.5812	15.3686	5.5325	0.5713	5.7818	0.0000	25,913.0874	25,913.0874	4.4212	0.0000	26,023.6175
2021	12.0315	39.0388	86.6973	0.2051	13.5719	0.3881	13.7649	5.5325	0.3836	5.7233	0.0000	20,607.2431	20,607.2431	3.3609	0.0000	20,691.2666

2022	11.8331	36.4783	72.2558	0.1904	11.0102	0.3312	11.3414	3.5670	0.3267	3.8937	0.0000	19,195.3761	19,195.3761	2.6499	0.0000	19,261.6236
Maximum	56.0838	53.8153	158.6450	0.3265	14.7874	0.6588	15.3686	5.5325	0.6468	5.7818	0.0000	32,770.9551	32,770.9551	7.2819	0.0000	32,928.4379
	ROG	NOx	CO	SO2	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	26.69	67.89	-4.63	0.00	38.11	89.83	49.22	47.49	89.24	63.29	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	Stu Center Demolition	Demolition	4/1/2019	11/30/2019	6	210	
2	Park R and Tennis Fine Grading	Grading	5/15/2019	6/14/2019	6	27	
3	Park R and Tennis Building Construction	Building Construction	6/15/2019	4/23/2020	6	269	
4	Demolition	Demolition	7/1/2019	12/31/2019	6	158	
5	Park S Demolition	Demolition	8/1/2019	9/14/2019	6	39	
6	Park S Grading	Grading	9/16/2019	10/29/2019	6	38	
7	Park S Building Construction	Building Construction	10/30/2019	8/27/2020	6	260	
8	Stu Center Site Preparation	Site Preparation	2/1/2020	2/1/2022	6	627	
9	Stu Center Grading	Grading	3/1/2020	6/1/2020	6	79	
10	Park R and Tennis Paving	Paving	4/24/2020	5/19/2020	6	22	
11	Park R and Tennis Architectural Coating	Architectural Coating	5/20/2020	6/12/2020	6	21	
12	Stu Center Building Construction	Building Construction	6/2/2020	2/1/2022	6	523	
13	Park S Architectural Coating	Architectural Coating	8/28/2020	9/21/2020	6	21	
14	Vball Demolition	Demolition	10/1/2020	11/25/2020	6	48	
15	Vball Site Preparation	Site Preparation	11/26/2020	1/20/2021	6	48	
16	Vball Grading	Grading	1/21/2021	3/17/2021	6	48	
17	Bookstore Site Preparation	Site Preparation	2/1/2021	5/1/2021	6	78	

18	Bookstore Grading	Grading	5/2/2021	7/31/2021	6	78
19	Stu Center Paving	Paving	7/13/2021	9/2/2021	6	45
20	Bookstore Building Construction	Building Construction	8/2/2021	7/30/2022	6	312
21	Bookstore Paving	Paving	8/2/2021	8/30/2022	6	338
22	Stu Center Architectural Coating	Architectural Coating	11/1/2021	2/1/2022	6	80
23	Communication Tower Paving	Paving	6/24/2022	8/4/2022	6	36

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 5.98

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 134,479; Striped Parking Area: 101,314

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Stu Center Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Stu Center Demolition	Excavators	3	8.00	158	0.38
Stu Center Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Park R and Tennis Fine Grading	Excavators	2	8.00	158	0.38
Park R and Tennis Fine Grading	Graders	1	8.00	187	0.41
Park R and Tennis Fine Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park R and Tennis Fine Grading	Scrapers	2	8.00	367	0.48
Park R and Tennis Fine Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Park R and Tennis Building Construction	Cranes	1	7.00	231	0.29
Park R and Tennis Building Construction	Forklifts	3	8.00	89	0.20
Park R and Tennis Building Construction	Generator Sets	1	8.00	84	0.74
Park R and Tennis Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park R and Tennis Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Park S Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Park S Demolition	Excavators	3	8.00	158	0.38
Park S Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Park S Grading	Excavators	2	8.00	158	0.38
Park S Grading	Graders	1	8.00	187	0.41
Park S Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park S Grading	Scrapers	2	8.00	367	0.48
Park S Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Park S Building Construction	Cranes	1	7.00	231	0.29
Park S Building Construction	Forklifts	3	8.00	89	0.20
Park S Building Construction	Generator Sets	1	8.00	84	0.74
Park S Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Park S Building Construction	Welders	1	8.00	46	0.45
Stu Center Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Stu Center Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Stu Center Grading	Excavators	2	8.00	158	0.38
Stu Center Grading	Graders	1	8.00	187	0.41
Stu Center Grading	Rubber Tired Dozers	1	8.00	247	0.40
Stu Center Grading	Scrapers	2	8.00	367	0.48
Stu Center Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Park R and Tennis Paving	Pavers	2	8.00	130	0.42
Park R and Tennis Paving	Paving Equipment	2	8.00	132	0.36
Park R and Tennis Paving	Rollers	2	8.00	80	0.38
Park R and Tennis Architectural Coating	Air Compressors	1	6.00	78	0.48
Stu Center Building Construction	Cranes	1	7.00	231	0.29
Stu Center Building Construction	Forklifts	3	8.00	89	0.20
Stu Center Building Construction	Generator Sets	1	8.00	84	0.74
Stu Center Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Stu Center Building Construction	Welders	1	8.00	46	0.45
Park S Architectural Coating	Air Compressors	1	6.00	78	0.48

Vball Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Vball Demolition	Excavators	1	8.00	158	0.38
Vball Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Vball Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Vball Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Vball Grading	Excavators	1	8.00	158	0.38
Vball Grading	Graders	1	8.00	187	0.41
Vball Grading	Rubber Tired Dozers	1	8.00	247	0.40
Vball Grading	Scrapers	1	8.00	367	0.48
Vball Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Bookstore Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Bookstore Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Bookstore Grading	Excavators	2	8.00	158	0.38
Bookstore Grading	Graders	1	8.00	187	0.41
Bookstore Grading	Rubber Tired Dozers	1	8.00	247	0.40
Bookstore Grading	Scrapers	0	8.00	367	0.48
Bookstore Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Stu Center Paving	Pavers	2	8.00	130	0.42
Stu Center Paving	Paving Equipment	2	8.00	132	0.36
Stu Center Paving	Rollers	2	8.00	80	0.38
Bookstore Building Construction	Cranes	1	7.00	231	0.29
Bookstore Building Construction	Forklifts	3	8.00	89	0.20
Bookstore Building Construction	Generator Sets	1	8.00	84	0.74
Bookstore Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Bookstore Building Construction	Welders	1	8.00	46	0.45
Bookstore Paving	Pavers	1	8.00	130	0.42
Bookstore Paving	Paving Equipment	1	8.00	132	0.36
Bookstore Paving	Rollers	2	8.00	80	0.38
Stu Center Architectural Coating	Air Compressors	1	6.00	78	0.48
Communication Tower Paving	Pavers	0	8.00	130	0.42

Communication Tower Paving	Paving Equipment	1	8.00	132	0.36
Communication Tower Paving	Rollers	1	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
Stu Center Demolition	6	15.00	0.00	344.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park R and Tennis Fine Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park R and Tennis Building Construction	9	100.00	156.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	74.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park S Demolition	6	15.00	0.00	208.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park S Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park S Building Construction	9	100.00	156.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Grading	8	20.00	0.00	2,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park R and Tennis Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park R and Tennis Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Building Construction	9	100.00	156.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park S Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Vball Demolition	3	8.00	0.00	17.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Vball Site Preparation	2	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Vball Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Vball Grading	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Bookstore Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Bookstore Grading	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Bookstore Building Construction	9	100.00	156.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Bookstore Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Communication Tower Paving	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Stu Center Demolition - 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					
Fugitive Dust					0.3547	0.0000	0.3547	0.0537	0.0000	0.0537			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
Total	3.5134	35.7830	22.0600	0.0388	0.3547	1.7949	2.1496	0.0537	1.6697	1.7234		3,816.8994	3,816.8994	1.0618		3,843.4451

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0158	0.5084	0.1142	1.2900e-003	0.0936	1.8800e-003	0.0955	0.0238	1.7900e-003	0.0256		139.2135	139.2135	0.0101		139.4666
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0831	0.0610	0.6637	1.7200e-003	0.6050	1.4500e-003	0.6064	0.1518	1.3300e-003	0.1531		171.3196	171.3196	5.8900e-003		171.4670
Total	0.0989	0.5694	0.7779	3.0100e-003	0.6986	3.3300e-003	0.7019	0.1756	3.1200e-003	0.1787		310.5331	310.5331	0.0160		310.9336

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1383	0.0000	0.1383	0.0210	0.0000	0.0210			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	0.4623	2.0032	23.2798	0.0388	0.1383	0.0616	0.2000	0.0210	0.0616	0.0826	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0158	0.5084	0.1142	1.2900e-003	0.0936	1.8800e-003	0.0955	0.0238	1.7900e-003	0.0256		139.2135	139.2135	0.0101		139.4666
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0831	0.0610	0.6637	1.7200e-003	0.6050	1.4500e-003	0.6064	0.1518	1.3300e-003	0.1531		171.3196	171.3196	5.8900e-003		171.4670
Total	0.0989	0.5694	0.7779	3.0100e-003	0.6986	3.3300e-003	0.7019	0.1756	3.1200e-003	0.1787		310.5331	310.5331	0.0160		310.9336

3.3 Park R and Tennis Fine Grading - 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					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	8.6733	2.3827	11.0560	3.5965	2.1920	5.7885		6,140.0195	6,140.0195	1.9426		6,188.5854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000

Off-Road	0.7616	3.3000	32.9991	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	0.7616	3.3000	32.9991	0.0620	3.3826	0.1015	3.4841	1.4026	0.1015	1.5042	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226

3.4 Park R and Tennis 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	2.4485	21.9553	18.0273	0.0281		1.3484	1.3484		1.2666	1.2666		2,706.9084	2,706.9084	0.6678		2,723.6039
Total	2.4485	21.9553	18.0273	0.0281		1.3484	1.3484		1.2666	1.2666		2,706.9084	2,706.9084	0.6678		2,723.6039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.6761	18.0780	5.2803	0.0397	2.4218	0.1170	2.5388	0.6369	0.1119	0.7488		4,231.9229	4,231.9229	0.2973			4,239.3551
Worker	0.5538	0.4066	4.4248	0.0115	3.0613	9.6400e-003	3.0709	0.7735	8.8800e-003	0.7824		1,142.1308	1,142.1308	0.0393			1,143.1131
Total	1.2299	18.4846	9.7050	0.0512	5.4831	0.1266	5.6097	1.4103	0.1208	1.5311		5,374.0537	5,374.0537	0.3366			5,382.4682

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.6834	2.9167	18.6489	0.0281		0.1394	0.1394		0.1394	0.1394	0.0000	2,706.9084	2,706.9084	0.6678			2,723.6039
Total	0.6834	2.9167	18.6489	0.0281		0.1394	0.1394		0.1394	0.1394	0.0000	2,706.9084	2,706.9084	0.6678			2,723.6039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6761	18.0780	5.2803	0.0397	2.4218	0.1170	2.5388	0.6369	0.1119	0.7488		4,231.9229	4,231.9229	0.2973		4,239.3551	
Worker	0.5538	0.4066	4.4248	0.0115	3.0613	9.6400e-003	3.0709	0.7735	8.8800e-003	0.7824		1,142.1308	1,142.1308	0.0393		1,143.1131	
Total	1.2299	18.4846	9.7050	0.0512	5.4831	0.1266	5.6097	1.4103	0.1208	1.5311		5,374.0537	5,374.0537	0.3366		5,382.4682	

3.4 Park R and Tennis 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	2.1984	19.9755	17.7034	0.0281		1.1670	1.1670		1.0963	1.0963		2,665.8512	2,665.8512	0.6593		2,682.3346
Total	2.1984	19.9755	17.7034	0.0281		1.1670	1.1670		1.0963	1.0963		2,665.8512	2,665.8512	0.6593		2,682.3346

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5800	16.5907	4.7952	0.0394	2.4218	0.0794	2.5012	0.6369	0.0759	0.7128		4,203.4054	4,203.4054	0.2811		4,210.4324

Worker	0.5110	0.3625	4.0101	0.0111	3.0613	9.3400e-003	3.0706	0.7735	8.6100e-003	0.7821		1,107.4204	1,107.4204	0.0349		1,108.2930
Total	1.0911	16.9532	8.8053	0.0505	5.4831	0.0887	5.5718	1.4103	0.0845	1.4949		5,310.8258	5,310.8258	0.3160		5,318.7254

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6403	2.8638	18.6087	0.0281		0.1267	0.1267		0.1267	0.1267	0.0000	2,665.8512	2,665.8512	0.6593		2,682.3346
Total	0.6403	2.8638	18.6087	0.0281		0.1267	0.1267		0.1267	0.1267	0.0000	2,665.8512	2,665.8512	0.6593		2,682.3346

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5800	16.5907	4.7952	0.0394	2.4218	0.0794	2.5012	0.6369	0.0759	0.7128		4,203.4054	4,203.4054	0.2811		4,210.4324
Worker	0.5110	0.3625	4.0101	0.0111	3.0613	9.3400e-003	3.0706	0.7735	8.6100e-003	0.7821		1,107.4204	1,107.4204	0.0349		1,108.2930
Total	1.0911	16.9532	8.8053	0.0505	5.4831	0.0887	5.5718	1.4103	0.0845	1.4949		5,310.8258	5,310.8258	0.3160		5,318.7254

3.5 Demolition - 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						
Fugitive Dust					0.1020	0.0000	0.1020	0.0154	0.0000	0.0154			0.0000				0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618			3,843.4451
Total	3.5134	35.7830	22.0600	0.0388	0.1020	1.7949	1.8969	0.0154	1.6697	1.6851		3,816.8994	3,816.8994	1.0618			3,843.4451

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	4.5100e-003	0.1454	0.0327	3.7000e-004	8.1900e-003	5.4000e-004	8.7200e-003	2.2400e-003	5.1000e-004	2.7600e-003		39.8031	39.8031	2.8900e-003			39.8755
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0831	0.0610	0.6637	1.7200e-003	0.1677	1.4500e-003	0.1691	0.0445	1.3300e-003	0.0458		171.3196	171.3196	5.8900e-003			171.4670
Total	0.0876	0.2064	0.6964	2.0900e-003	0.1759	1.9900e-003	0.1778	0.0467	1.8400e-003	0.0486		211.1227	211.1227	8.7800e-003			211.3424

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					0.0398	0.0000	0.0398	6.0200e-003	0.0000	6.0200e-003			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	0.4623	2.0032	23.2798	0.0388	0.0398	0.0616	0.1014	6.0200e-003	0.0616	0.0677	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5100e-003	0.1454	0.0327	3.7000e-004	8.1900e-003	5.4000e-004	8.7200e-003	2.2400e-003	5.1000e-004	2.7600e-003		39.8031	39.8031	2.8900e-003		39.8755
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0831	0.0610	0.6637	1.7200e-003	0.1677	1.4500e-003	0.1691	0.0445	1.3300e-003	0.0458		171.3196	171.3196	5.8900e-003		171.4670
Total	0.0876	0.2064	0.6964	2.0900e-003	0.1759	1.9900e-003	0.1778	0.0467	1.8400e-003	0.0486		211.1227	211.1227	8.7800e-003		211.3424

3.6 Park S Demolition - 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					
Fugitive Dust					1.1539	0.0000	1.1539	0.1747	0.0000	0.1747			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451

Total	3.5134	35.7830	22.0600	0.0388	1.1539	1.7949	2.9488	0.1747	1.6697	1.8444		3,816.8994	3,816.8994	1.0618		3,843.4451
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0514	1.6553	0.3718	4.1900e-003	0.1638	6.1100e-003	0.1699	0.0429	5.8400e-003	0.0487		453.2532	453.2532	0.0330		454.0773
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0831	0.0610	0.6637	1.7200e-003	0.3134	1.4500e-003	0.3149	0.0802	1.3300e-003	0.0816		171.3196	171.3196	5.8900e-003		171.4670
Total	0.1344	1.7163	1.0355	5.9100e-003	0.4772	7.5600e-003	0.4847	0.1231	7.1700e-003	0.1303		624.5728	624.5728	0.0389		625.5442

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4500	0.0000	0.4500	0.0681	0.0000	0.0681			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	0.4623	2.0032	23.2798	0.0388	0.4500	0.0616	0.5117	0.0681	0.0616	0.1298	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0514	1.6553	0.3718	4.1900e-003	0.1638	6.1100e-003	0.1699	0.0429	5.8400e-003	0.0487		453.2532	453.2532	0.0330		454.0773
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0831	0.0610	0.6637	1.7200e-003	0.3134	1.4500e-003	0.3149	0.0802	1.3300e-003	0.0816		171.3196	171.3196	5.8900e-003		171.4670
Total	0.1344	1.7163	1.0355	5.9100e-003	0.4772	7.5600e-003	0.4847	0.1231	7.1700e-003	0.1303		624.5728	624.5728	0.0389		625.5442

3.7 Park S Grading - 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					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	8.6733	2.3827	11.0560	3.5965	2.1920	5.7885		6,140.0195	6,140.0195	1.9426		6,188.5854

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.8066	1.9300e-003	0.8085	0.2024	1.7800e-003	0.2042		228.4262	228.4262	7.8600e-003		228.6226
Total	0.1108	0.0813	0.8850	2.2900e-003	0.8066	1.9300e-003	0.8085	0.2024	1.7800e-003	0.2042		228.4262	228.4262	7.8600e-003		228.6226

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	0.7616	3.3000	32.9991	0.0620	3.3826	0.1015	3.4841	1.4026	0.1015	1.5042	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.8066	1.9300e-003	0.8085	0.2024	1.7800e-003	0.2042		228.4262	228.4262	7.8600e-003		228.6226

Total	0.1108	0.0813	0.8850	2.2900e-003	0.8066	1.9300e-003	0.8085	0.2024	1.7800e-003	0.2042		228.4262	228.4262	7.8600e-003		228.6226
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3.8 Park S 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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6761	18.0780	5.2803	0.0397	0.9987	0.1170	1.1157	0.2875	0.1119	0.3995		4,231.9229	4,231.9229	0.2973		4,239.3551
Worker	0.5538	0.4066	4.4248	0.0115	1.1178	9.6400e-003	1.1274	0.2964	8.8800e-003	0.3053		1,142.1308	1,142.1308	0.0393		1,143.1131
Total	1.2299	18.4846	9.7050	0.0512	2.1165	0.1266	2.2431	0.5840	0.1208	0.7048		5,374.0537	5,374.0537	0.3366		5,382.4682

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6692	2.8550	17.7706	0.0269		0.1375	0.1375		0.1375	0.1375	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	0.6692	2.8550	17.7706	0.0269		0.1375	0.1375		0.1375	0.1375	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6761	18.0780	5.2803	0.0397	0.9987	0.1170	1.1157	0.2875	0.1119	0.3995		4,231.9229	4,231.9229	0.2973		4,239.3551
Worker	0.5538	0.4066	4.4248	0.0115	1.1178	9.6400e-003	1.1274	0.2964	8.8800e-003	0.3053		1,142.1308	1,142.1308	0.0393		1,143.1131
Total	1.2299	18.4846	9.7050	0.0512	2.1165	0.1266	2.2431	0.5840	0.1208	0.7048		5,374.0537	5,374.0537	0.3366		5,382.4682

3.8 Park S 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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5800	16.5907	4.7952	0.0394	0.9987	0.0794	1.0781	0.2876	0.0759	0.3634		4,203.4054	4,203.4054	0.2811		4,210.4324
Worker	0.5110	0.3625	4.0101	0.0111	1.1178	9.3400e-003	1.1271	0.2964	8.6100e-003	0.3050		1,107.4204	1,107.4204	0.0349		1,108.2930
Total	1.0911	16.9532	8.8053	0.0505	2.1165	0.0887	2.2052	0.5840	0.0845	0.6685		5,310.8258	5,310.8258	0.3160		5,318.7254

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5800	16.5907	4.7952	0.0394	0.9987	0.0794	1.0781	0.2876	0.0759	0.3634		4,203.4054	4,203.4054	0.2811		4,210.4324
Worker	0.5110	0.3625	4.0101	0.0111	1.1178	9.3400e-003	1.1271	0.2964	8.6100e-003	0.3050		1,107.4204	1,107.4204	0.0349		1,108.2930
Total	1.0911	16.9532	8.8053	0.0505	2.1165	0.0887	2.2052	0.5840	0.0845	0.6685		5,310.8258	5,310.8258	0.3160		5,318.7254

3.9 Stu Center Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2890	13.4374	6.4113	0.0116		0.6881	0.6881		0.6331	0.6331		1,128.1110	1,128.1110	0.3649		1,137.2324
Total	1.2890	13.4374	6.4113	0.0116	6.0221	0.6881	6.7102	3.3102	0.6331	3.9433		1,128.1110	1,128.1110	0.3649		1,137.2324

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0256	0.0181	0.2005	5.6000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		55.3710	55.3710	1.7500e-003		55.4147
Total	0.0256	0.0181	0.2005	5.6000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		55.3710	55.3710	1.7500e-003		55.4147

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.1110	1,128.1110	0.3649		1,137.2324
Total	0.1425	0.6176	6.1756	0.0116	2.3486	0.0190	2.3676	1.2910	0.0190	1.3100	0.0000	1,128.1110	1,128.1110	0.3649		1,137.2324

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0256	0.0181	0.2005	5.6000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		55.3710	55.3710	1.7500e-003		55.4147
Total	0.0256	0.0181	0.2005	5.6000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		55.3710	55.3710	1.7500e-003		55.4147

3.9 Stu Center Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2336	12.8671	6.2980	0.0116		0.6442	0.6442		0.5927	0.5927		1,128.2523	1,128.2523	0.3649		1,137.3748
Total	1.2336	12.8671	6.2980	0.0116	6.0221	0.6442	6.6663	3.3102	0.5927	3.9029		1,128.2523	1,128.2523	0.3649		1,137.3748

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520
Total	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748
Total	0.1425	0.6176	6.1756	0.0116	2.3486	0.0190	2.3676	1.2910	0.0190	1.3100	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520
Total	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520

3.9 Stu Center Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.0018	10.4693	5.8199	0.0116		0.5075	0.5075		0.4669	0.4669		1,128.2743	1,128.2743	0.3649		1,137.3970
Total	1.0018	10.4693	5.8199	0.0116	6.0221	0.5075	6.5296	3.3102	0.4669	3.7771		1,128.2743	1,128.2743	0.3649		1,137.3970

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0224	0.0147	0.1696	5.2000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		51.7285	51.7285	1.4200e-003		51.7641
Total	0.0224	0.0147	0.1696	5.2000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		51.7285	51.7285	1.4200e-003		51.7641

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000

Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.2743	1,128.2743	0.3649		1,137.3970
Total	0.1425	0.6176	6.1756	0.0116	2.3486	0.0190	2.3676	1.2910	0.0190	1.3100	0.0000	1,128.2743	1,128.2743	0.3649		1,137.3970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0224	0.0147	0.1696	5.2000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		51.7285	51.7285	1.4200e-003		51.7641
Total	0.0224	0.0147	0.1696	5.2000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		51.7285	51.7285	1.4200e-003		51.7641

3.10 Stu Center Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7020	0.0000	8.7020	3.6008	0.0000	3.6008			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	8.7020	2.1739	10.8759	3.6008	2.0000	5.6008		6,005.8653	6,005.8653	1.9424		6,054.4257

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2831	9.2172	2.1429	0.0246	0.9717	0.0295	1.0012	0.2544	0.0282	0.2826		2,661.6901	2,661.6901	0.1911		2,666.4663
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1022	0.0725	0.8020	2.2200e-003	0.4179	1.8700e-003	0.4198	0.1070	1.7200e-003	0.1087		221.4841	221.4841	6.9800e-003		221.6586
Total	0.3853	9.2897	2.9449	0.0268	1.3896	0.0314	1.4210	0.3614	0.0299	0.3913		2,883.1742	2,883.1742	0.1980		2,888.1249

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3938	0.0000	3.3938	1.4043	0.0000	1.4043			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	0.7616	3.3000	32.9991	0.0620	3.3938	0.1015	3.4953	1.4043	0.1015	1.5059	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.2831	9.2172	2.1429	0.0246	0.9717	0.0295	1.0012	0.2544	0.0282	0.2826		2,661.6901	2,661.6901	0.1911		2,666.4663
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1022	0.0725	0.8020	2.2200e-003	0.4179	1.8700e-003	0.4198	0.1070	1.7200e-003	0.1087		221.4841	221.4841	6.9800e-003		221.6586
Total	0.3853	9.2897	2.9449	0.0268	1.3896	0.0314	1.4210	0.3614	0.0299	0.3913		2,883.1742	2,883.1742	0.1980		2,888.1249

3.11 Park R and Tennis Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841

Unmitigated Construction Off-Site

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

Worker	0.0767	0.0544	0.6015	1.6700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		166.1131	166.1131	5.2400e-003		166.2440
Total	0.0767	0.0544	0.6015	1.6700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		166.1131	166.1131	5.2400e-003		166.2440

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0767	0.0544	0.6015	1.6700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		166.1131	166.1131	5.2400e-003		166.2440
Total	0.0767	0.0544	0.6015	1.6700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		166.1131	166.1131	5.2400e-003		166.2440

3.12 Park R and Tennis Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.0429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	52.2851	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4088	0.2900	3.2081	8.9000e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		885.9363	885.9363	0.0279		886.6344
Total	0.4088	0.2900	3.2081	8.9000e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		885.9363	885.9363	0.0279		886.6344

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Archit. Coating	52.0429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928
Total	52.0726	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4088	0.2900	3.2081	8.9000e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		885.9363	885.9363	0.0279		886.6344
Total	0.4088	0.2900	3.2081	8.9000e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		885.9363	885.9363	0.0279		886.6344

3.13 Stu Center 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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.5800	16.5907	4.7952	0.0394	2.4218	0.0794	2.5012	0.6369	0.0759	0.7128		4,203.4054	4,203.4054	0.2811			4,210.4324
Worker	0.5110	0.3625	4.0101	0.0111	3.0613	9.3400e-003	3.0706	0.7735	8.6100e-003	0.7821		1,107.4204	1,107.4204	0.0349			1,108.2930
Total	1.0911	16.9532	8.8053	0.0505	5.4831	0.0887	5.5718	1.4103	0.0845	1.4949		5,310.8258	5,310.8258	0.3160			5,318.7254

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229			2,568.6345
Total	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229			2,568.6345

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.5800	16.5907	4.7952	0.0394	2.4218	0.0794	2.5012	0.6369	0.0759	0.7128		4,203.4054	4,203.4054	0.2811			4,210.4324
Worker	0.5110	0.3625	4.0101	0.0111	3.0613	9.3400e-003	3.0706	0.7735	8.6100e-003	0.7821		1,107.4204	1,107.4204	0.0349			1,108.2930
Total	1.0911	16.9532	8.8053	0.0505	5.4831	0.0887	5.5718	1.4103	0.0845	1.4949		5,310.8258	5,310.8258	0.3160			5,318.7254

3.13 Stu Center 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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160			2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160			2,568.7643

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4978	15.1146	4.3800	0.0390	2.4219	0.0320	2.4538	0.6369	0.0306	0.6674		4,170.5902	4,170.5902	0.2692		4,177.3212
Worker	0.4768	0.3262	3.6826	0.0108	3.0613	9.0300e-003	3.0703	0.7735	8.3200e-003	0.7818		1,072.2511	1,072.2511	0.0316		1,073.0399
Total	0.9746	15.4408	8.0626	0.0498	5.4831	0.0410	5.5241	1.4103	0.0389	1.4492		5,242.8413	5,242.8413	0.3008		5,250.3611

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4978	15.1146	4.3800	0.0390	2.4219	0.0320	2.4538	0.6369	0.0306	0.6674		4,170.5902	4,170.5902	0.2692		4,177.3212
Worker	0.4768	0.3262	3.6826	0.0108	3.0613	9.0300e-003	3.0703	0.7735	8.3200e-003	0.7818		1,072.2511	1,072.2511	0.0316		1,073.0399

Total	0.9746	15.4408	8.0626	0.0498	5.4831	0.0410	5.5241	1.4103	0.0389	1.4492		5,242.8413	5,242.8413	0.3008		5,250.3611
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3.13 Stu Center 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4673	14.3644	4.1460	0.0387	2.4219	0.0280	2.4498	0.6369	0.0267	0.6636		4,133.5364	4,133.5364	0.2598		4,140.0309
Worker	0.4478	0.2945	3.3918	0.0104	3.0613	8.7500e-003	3.0700	0.7735	8.0600e-003	0.7815		1,034.5695	1,034.5695	0.0285		1,035.2816
Total	0.9152	14.6589	7.5378	0.0490	5.4832	0.0367	5.5199	1.4104	0.0348	1.4452		5,168.1058	5,168.1058	0.2883		5,175.3125

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4673	14.3644	4.1460	0.0387	2.4219	0.0280	2.4498	0.6369	0.0267	0.6636		4,133.5364	4,133.5364	0.2598		4,140.0309
Worker	0.4478	0.2945	3.3918	0.0104	3.0613	8.7500e-003	3.0700	0.7735	8.0600e-003	0.7815		1,034.5695	1,034.5695	0.0285		1,035.2816
Total	0.9152	14.6589	7.5378	0.0490	5.4832	0.0367	5.5199	1.4104	0.0348	1.4452		5,168.1058	5,168.1058	0.2883		5,175.3125

3.14 Park S Architectural Coating - 2020

Unmitigated Construction On-Site

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

Archit. Coating	24.8646					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	25.1068	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4088	0.2900	3.2081	8.9000e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		885.9363	885.9363	0.0279		886.6344
Total	0.4088	0.2900	3.2081	8.9000e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		885.9363	885.9363	0.0279		886.6344

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	24.8646					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928
Total	24.8943	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4088	0.2900	3.2081	8.9000e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		885.9363	885.9363	0.0279			886.6344
Total	0.4088	0.2900	3.2081	8.9000e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		885.9363	885.9363	0.0279			886.6344

3.15 Vball Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.0745	0.0000	0.0745	0.0113	0.0000	0.0113			0.0000				0.0000
Off-Road	1.7427	17.0435	11.0860	0.0200		0.8700	0.8700		0.8162	0.8162		1,920.1256	1,920.1256	0.4669			1,931.7974
Total	1.7427	17.0435	11.0860	0.0200	0.0745	0.8700	0.9444	0.0113	0.8162	0.8275		1,920.1256	1,920.1256	0.4669			1,931.7974

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1700e-003	0.1032	0.0240	2.7000e-004	0.0202	3.3000e-004	0.0206	5.1500e-003	3.2000e-004	5.4600e-003		29.7888	29.7888	2.1400e-003		29.8422
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0409	0.0290	0.3208	8.9000e-004	0.3226	7.5000e-004	0.3234	0.0810	6.9000e-004	0.0817		88.5936	88.5936	2.7900e-003		88.6634
Total	0.0441	0.1322	0.3448	1.1600e-003	0.3429	1.0800e-003	0.3440	0.0861	1.0100e-003	0.0871		118.3824	118.3824	4.9300e-003		118.5056

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0290	0.0000	0.0290	4.4000e-003	0.0000	4.4000e-003			0.0000			0.0000
Off-Road	0.2307	0.9995	11.6102	0.0200		0.0308	0.0308		0.0308	0.0308	0.0000	1,920.1256	1,920.1256	0.4669		1,931.7974
Total	0.2307	0.9995	11.6102	0.0200	0.0290	0.0308	0.0598	4.4000e-003	0.0308	0.0352	0.0000	1,920.1256	1,920.1256	0.4669		1,931.7974

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1700e-003	0.1032	0.0240	2.7000e-004	0.0202	3.3000e-004	0.0206	5.1500e-003	3.2000e-004	5.4600e-003		29.7888	29.7888	2.1400e-003		29.8422

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0409	0.0290	0.3208	8.9000e-004	0.3226	7.5000e-004	0.3234	0.0810	6.9000e-004	0.0817		88.5936	88.5936	2.7900e-003		88.6634
Total	0.0441	0.1322	0.3448	1.1600e-003	0.3429	1.0800e-003	0.3440	0.0861	1.0100e-003	0.0871		118.3824	118.3824	4.9300e-003		118.5056

3.16 Vball Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2651	0.0000	12.2651	6.6443	0.0000	6.6443			0.0000			0.0000
Off-Road	1.2890	13.4374	6.4113	0.0116		0.6881	0.6881		0.6331	0.6331		1,128.1110	1,128.1110	0.3649		1,137.2324
Total	1.2890	13.4374	6.4113	0.0116	12.2651	0.6881	12.9532	6.6443	0.6331	7.2774		1,128.1110	1,128.1110	0.3649		1,137.2324

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0920	0.0652	0.7218	2.0000e-003	0.9009	1.6800e-003	0.9025	0.2251	1.5500e-003	0.2266		199.3357	199.3357	6.2800e-003		199.4927
Total	0.0920	0.0652	0.7218	2.0000e-003	0.9009	1.6800e-003	0.9025	0.2251	1.5500e-003	0.2266		199.3357	199.3357	6.2800e-003		199.4927

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.7834	0.0000	4.7834	2.5913	0.0000	2.5913			0.0000			0.0000
Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.1110	1,128.1110	0.3649		1,137.2324
Total	0.1425	0.6176	6.1756	0.0116	4.7834	0.0190	4.8024	2.5913	0.0190	2.6103	0.0000	1,128.1110	1,128.1110	0.3649		1,137.2324

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0920	0.0652	0.7218	2.0000e-003	0.9009	1.6800e-003	0.9025	0.2251	1.5500e-003	0.2266		199.3357	199.3357	6.2800e-003		199.4927
Total	0.0920	0.0652	0.7218	2.0000e-003	0.9009	1.6800e-003	0.9025	0.2251	1.5500e-003	0.2266		199.3357	199.3357	6.2800e-003		199.4927

3.16 Vball Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2651	0.0000	12.2651	6.6443	0.0000	6.6443			0.0000			0.0000
Off-Road	1.2336	12.8671	6.2980	0.0116		0.6442	0.6442		0.5927	0.5927		1,128.2523	1,128.2523	0.3649		1,137.3748
Total	1.2336	12.8671	6.2980	0.0116	12.2651	0.6442	12.9093	6.6443	0.5927	7.2370		1,128.2523	1,128.2523	0.3649		1,137.3748

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0858	0.0587	0.6629	1.9400e-003	0.9009	1.6300e-003	0.9025	0.2251	1.5000e-003	0.2266		193.0052	193.0052	5.6800e-003		193.1472
Total	0.0858	0.0587	0.6629	1.9400e-003	0.9009	1.6300e-003	0.9025	0.2251	1.5000e-003	0.2266		193.0052	193.0052	5.6800e-003		193.1472

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.7834	0.0000	4.7834	2.5913	0.0000	2.5913			0.0000			0.0000

Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748
Total	0.1425	0.6176	6.1756	0.0116	4.7834	0.0190	4.8024	2.5913	0.0190	2.6103	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0858	0.0587	0.6629	1.9400e-003	0.9009	1.6300e-003	0.9025	0.2251	1.5000e-003	0.2266		193.0052	193.0052	5.6800e-003		193.1472
Total	0.0858	0.0587	0.6629	1.9400e-003	0.9009	1.6300e-003	0.9025	0.2251	1.5000e-003	0.2266		193.0052	193.0052	5.6800e-003		193.1472

3.17 Vball Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6128	0.0000	7.6128	3.4820	0.0000	3.4820			0.0000			0.0000
Off-Road	2.8453	31.6479	18.3417	0.0386		1.3527	1.3527		1.2445	1.2445		3,738.0399	3,738.0399	1.2090		3,768.2638
Total	2.8453	31.6479	18.3417	0.0386	7.6128	1.3527	8.9656	3.4820	1.2445	4.7265		3,738.0399	3,738.0399	1.2090		3,768.2638

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0620	0.0424	0.4787	1.4000e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		139.3926	139.3926	4.1000e-003		139.4952
Total	0.0620	0.0424	0.4787	1.4000e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		139.3926	139.3926	4.1000e-003		139.4952

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9690	0.0000	2.9690	1.3580	0.0000	1.3580			0.0000			0.0000
Off-Road	0.4736	2.0523	19.9038	0.0386		0.0632	0.0632		0.0632	0.0632	0.0000	3,738.0399	3,738.0399	1.2090		3,768.2638
Total	0.4736	2.0523	19.9038	0.0386	2.9690	0.0632	3.0322	1.3580	0.0632	1.4211	0.0000	3,738.0399	3,738.0399	1.2090		3,768.2638

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0620	0.0424	0.4787	1.4000e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		139.3926	139.3926	4.1000e-003	139.4952	
Total	0.0620	0.0424	0.4787	1.4000e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		139.3926	139.3926	4.1000e-003	139.4952	

3.18 Bookstore Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2336	12.8671	6.2980	0.0116		0.6442	0.6442		0.5927	0.5927		1,128.2523	1,128.2523	0.3649		1,137.3748
Total	1.2336	12.8671	6.2980	0.0116	6.0221	0.6442	6.6663	3.3102	0.5927	3.9029		1,128.2523	1,128.2523	0.3649		1,137.3748

Unmitigated Construction Off-Site

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

Worker	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520
Total	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748
Total	0.1425	0.6176	6.1756	0.0116	2.3486	0.0190	2.3676	1.2910	0.0190	1.3100	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520
Total	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520

3.19 Bookstore Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000				0.0000
Off-Road	2.3323	24.9943	16.8691	0.0317		1.1526	1.1526		1.0604	1.0604		3,071.2204	3,071.2204	0.9933			3,096.0528
Total	2.3323	24.9943	16.8691	0.0317	6.5523	1.1526	7.7049	3.3675	1.0604	4.4279		3,071.2204	3,071.2204	0.9933			3,096.0528

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003			160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003			160.9560

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	0.3887	1.6844	19.3287	0.0317		0.0518	0.0518		0.0518	0.0518	0.0000	3,071.2204	3,071.2204	0.9933		3,096.0528
Total	0.3887	1.6844	19.3287	0.0317	2.5554	0.0518	2.6072	1.3133	0.0518	1.3652	0.0000	3,071.2204	3,071.2204	0.9933		3,096.0528

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

3.20 Stu Center Paving - 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

3.21 Bookstore 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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4978	15.1146	4.3800	0.0390	0.9987	0.0320	1.0307	0.2876	0.0306	0.3181		4,170.5902	4,170.5902	0.2692		4,177.3212
Worker	0.4768	0.3262	3.6826	0.0108	1.1178	9.0300e-003	1.1268	0.2964	8.3200e-003	0.3048		1,072.2511	1,072.2511	0.0316		1,073.0399
Total	0.9746	15.4408	8.0626	0.0498	2.1165	0.0410	2.1575	0.5840	0.0389	0.6229		5,242.8413	5,242.8413	0.3008		5,250.3611

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4978	15.1146	4.3800	0.0390	0.9987	0.0320	1.0307	0.2876	0.0306	0.3181		4,170.5902	4,170.5902	0.2692		4,177.3212
Worker	0.4768	0.3262	3.6826	0.0108	1.1178	9.0300e-003	1.1268	0.2964	8.3200e-003	0.3048		1,072.2511	1,072.2511	0.0316		1,073.0399

Total	0.9746	15.4408	8.0626	0.0498	2.1165	0.0410	2.1575	0.5840	0.0389	0.6229		5,242.8413	5,242.8413	0.3008		5,250.3611
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3.21 Bookstore 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4673	14.3644	4.1460	0.0387	0.9988	0.0280	1.0267	0.2876	0.0267	0.3143		4,133.5364	4,133.5364	0.2598		4,140.0309
Worker	0.4478	0.2945	3.3918	0.0104	1.1178	8.7500e-003	1.1265	0.2964	8.0600e-003	0.3045		1,034.5695	1,034.5695	0.0285		1,035.2816
Total	0.9152	14.6589	7.5378	0.0490	2.1165	0.0367	2.1532	0.5840	0.0348	0.6188		5,168.1058	5,168.1058	0.2883		5,175.3125

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4673	14.3644	4.1460	0.0387	0.9988	0.0280	1.0267	0.2876	0.0267	0.3143		4,133.5364	4,133.5364	0.2598		4,140.0309
Worker	0.4478	0.2945	3.3918	0.0104	1.1178	8.7500e-003	1.1265	0.2964	8.0600e-003	0.3045		1,034.5695	1,034.5695	0.0285		1,035.2816
Total	0.9152	14.6589	7.5378	0.0490	2.1165	0.0367	2.1532	0.5840	0.0348	0.6188		5,168.1058	5,168.1058	0.2883		5,175.3125

3.22 Bookstore Paving - 2021

Unmitigated Construction On-Site

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

Off-Road	0.8173	8.3838	9.2071	0.0140		0.4565	0.4565		0.4200	0.4200		1,357.6943	1,357.6943	0.4391		1,368.6720
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8173	8.3838	9.2071	0.0140		0.4565	0.4565		0.4200	0.4200		1,357.6943	1,357.6943	0.4391		1,368.6720

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1724	0.7471	10.6316	0.0140		0.0230	0.0230		0.0230	0.0230	0.0000	1,357.6943	1,357.6943	0.4391		1,368.6720
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.1724	0.7471	10.6316	0.0140		0.0230	0.0230		0.0230	0.0230	0.0000	1,357.6943	1,357.6943	0.4391		1,368.6720

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040

3.22 Bookstore Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7177	7.2883	9.1506	0.0140		0.3834	0.3834		0.3527	0.3527		1,357.9340	1,357.9340	0.4392		1,368.9136
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7177	7.2883	9.1506	0.0140		0.3834	0.3834		0.3527	0.3527		1,357.9340	1,357.9340	0.4392		1,368.9136

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1724	0.7471	10.6316	0.0140		0.0230	0.0230		0.0230	0.0230	0.0000	1,357.9340	1,357.9340	0.4392		1,368.9136
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.1724	0.7471	10.6316	0.0140		0.0230	0.0230		0.0230	0.0230	0.0000	1,357.9340	1,357.9340	0.4392		1,368.9136

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282

3.23 Stu Center Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1113					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		281.9309
Total	8.3302	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3815	0.2609	2.9461	8.6100e-003	0.8942	7.2300e-003	0.9014	0.2372	6.6600e-003	0.2438		857.8009	857.8009	0.0252		858.4319
Total	0.3815	0.2609	2.9461	8.6100e-003	0.8942	7.2300e-003	0.9014	0.2372	6.6600e-003	0.2438		857.8009	857.8009	0.0252		858.4319

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.1113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	8.1410	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3815	0.2609	2.9461	8.6100e-003	0.8942	7.2300e-003	0.9014	0.2372	6.6600e-003	0.2438		857.8009	857.8009	0.0252		858.4319
Total	0.3815	0.2609	2.9461	8.6100e-003	0.8942	7.2300e-003	0.9014	0.2372	6.6600e-003	0.2438		857.8009	857.8009	0.0252		858.4319

3.23 Stu Center Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	8.3158	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3583	0.2356	2.7134	8.3000e-003	0.8942	7.0000e-003	0.9012	0.2372	6.4500e-003	0.2436		827.6556	827.6556	0.0228		828.2253
Total	0.3583	0.2356	2.7134	8.3000e-003	0.8942	7.0000e-003	0.9012	0.2372	6.4500e-003	0.2436		827.6556	827.6556	0.0228		828.2253

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	8.1410	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3583	0.2356	2.7134	8.3000e-003	0.8942	7.0000e-003	0.9012	0.2372	6.4500e-003	0.2436		827.6556	827.6556	0.0228			828.2253
Total	0.3583	0.2356	2.7134	8.3000e-003	0.8942	7.0000e-003	0.9012	0.2372	6.4500e-003	0.2436		827.6556	827.6556	0.0228			828.2253

3.24 Communication Tower Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3445	3.4636	4.4063	6.7000e-003		0.1842	0.1842		0.1695	0.1695		648.5722	648.5722	0.2098			653.8163
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	0.3445	3.4636	4.4063	6.7000e-003		0.1842	0.1842		0.1695	0.1695		648.5722	648.5722	0.2098			653.8163

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0224	0.0147	0.1696	5.2000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		51.7285	51.7285	1.4200e-003		51.7641
Total	0.0224	0.0147	0.1696	5.2000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		51.7285	51.7285	1.4200e-003		51.7641

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0825	0.3573	5.0848	6.7000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	648.5722	648.5722	0.2098		653.8163
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.0825	0.3573	5.0848	6.7000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	648.5722	648.5722	0.2098		653.8163

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0224	0.0147	0.1696	5.2000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		51.7285	51.7285	1.4200e-003		51.7641
Total	0.0224	0.0147	0.1696	5.2000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		51.7285	51.7285	1.4200e-003		51.7641

Mt. SAC EFMP Phases 1A and 1B - Los Angeles-South Coast County, Summer

**Mt. SAC EFMP Phases 1A and 1B
Los Angeles-South Coast County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	340.00	1000sqft	7.81	340,000.00	0
User Defined Industrial	1.00	User Defined Unit	0.02	1,000.00	0
Unenclosed Parking with Elevator	607.82	1000sqft	5.98	607,819.00	0
City Park	0.05	Acre	0.05	2,003.76	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	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 - .
- Construction Phase - .
- Off-road Equipment -
- Off-road Equipment - .
- Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

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Off-road Equipment - .

Off-road Equipment - .

Trips and VMT - .

Demolition - .

Grading - .

Architectural Coating - .

Vehicle Trips - Construction Only

Area Coating - No Operational in this run

Construction Off-road Equipment Mitigation - Tier 3

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,500.00	95,471.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,500.00	134,479.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,500.00	35,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,500.00	105,000.00
tblArchitecturalCoating	ConstArea_Parking	36,469.00	17,184.00
tblArchitecturalCoating	ConstArea_Parking	36,469.00	101,314.00
tblArchitecturalCoating	ConstArea_Parking	36,469.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	170500	0
tblAreaCoating	Area_Nonresidential_Interior	511500	0
tblAreaCoating	Area_Parking	36469	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	19.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	24.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	300.00	312.00
tblConstructionPhase	NumDays	300.00	269.00
tblConstructionPhase	NumDays	300.00	260.00
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tblConstructionPhase	NumDays	20.00	158.00
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tblConstructionPhase	NumDays	30.00	48.00
tblConstructionPhase	NumDays	30.00	78.00
tblConstructionPhase	NumDays	30.00	27.00
tblConstructionPhase	NumDays	30.00	38.00
tblConstructionPhase	NumDays	30.00	79.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	20.00	338.00
tblConstructionPhase	NumDays	20.00	36.00
tblConstructionPhase	NumDays	10.00	48.00

tblLandUse	LotAcreage	0.00	0.02
tblLandUse	LotAcreage	13.95	5.98
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	WorkerTripNumber	399.00	100.00
tblTripsAndVMT	WorkerTripNumber	5.00	13.00
tblTripsAndVMT	WorkerTripNumber	399.00	100.00
tblTripsAndVMT	WorkerTripNumber	399.00	100.00
tblTripsAndVMT	WorkerTripNumber	399.00	100.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	11.23	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.21	0.00
tblVehicleTrips	WD_TR	1.89	0.00

tblVehicleTrips	WD_TR	27.49	0.00
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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					
2019	22.8736	241.1025	153.7064	0.3307	18.9785	7.4528	30.0318	6.0278	6.9236	16.3010	0.0000	33,203.5729	33,203.5729	7.2655	0.0000	33,360.2304
2020	61.9187	145.8207	93.4850	0.2611	24.7271	5.3523	29.1214	11.6048	4.9762	14.2578	0.0000	26,350.6435	26,350.6435	4.3847	0.0000	26,460.2605
2021	16.3958	100.0038	80.4916	0.2088	25.3972	3.7784	29.0391	11.6048	3.5171	14.9520	0.0000	20,995.3316	20,995.3316	3.3323	0.0000	21,078.6395
2022	15.5223	79.9895	67.9659	0.1945	14.6836	2.6706	17.3542	5.5862	2.4992	8.0854	0.0000	19,619.0845	19,619.0845	2.6236	0.0000	19,684.6754
Maximum	61.9187	241.1025	153.7064	0.3307	25.3972	7.4528	30.0318	11.6048	6.9236	16.3010	0.0000	33,203.5729	33,203.5729	7.2655	0.0000	33,360.2304

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					
2019	5.8823	53.6272	158.8296	0.3307	12.4889	0.6550	13.1191	3.6525	0.6432	4.2759	0.0000	33,203.5728	33,203.5728	7.2655	0.0000	33,360.2303
2020	55.8886	52.6077	96.0774	0.2611	14.7874	0.5782	15.3657	5.5325	0.5685	5.7806	0.0000	26,350.6435	26,350.6435	4.3847	0.0000	26,460.2604
2021	11.8421	39.0289	86.6503	0.2088	13.5719	0.3861	13.7639	5.5325	0.3817	5.7224	0.0000	20,995.3316	20,995.3316	3.3323	0.0000	21,078.6395

2022	11.6520	36.4729	72.4131	0.1945	11.0102	0.3294	11.3396	3.5670	0.3250	3.8920	0.0000	19,619.0845	19,619.0845	2.6236	0.0000	19,684.6754
Maximum	55.8886	53.6272	158.8296	0.3307	14.7874	0.6550	15.3657	5.5325	0.6432	5.7806	0.0000	33,203.5728	33,203.5728	7.2655	0.0000	33,360.2303
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	26.94	67.94	-4.63	0.00	38.11	89.88	49.23	47.49	89.29	63.30	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	Stu Center Demolition	Demolition	4/1/2019	11/30/2019	6	210	
2	Park R and Tennis Fine Grading	Grading	5/15/2019	6/14/2019	6	27	
3	Park R and Tennis Building Construction	Building Construction	6/15/2019	4/23/2020	6	269	
4	Demolition	Demolition	7/1/2019	12/31/2019	6	158	
5	Park S Demolition	Demolition	8/1/2019	9/14/2019	6	39	
6	Park S Grading	Grading	9/16/2019	10/29/2019	6	38	
7	Park S Building Construction	Building Construction	10/30/2019	8/27/2020	6	260	
8	Stu Center Site Preparation	Site Preparation	2/1/2020	2/1/2022	6	627	
9	Stu Center Grading	Grading	3/1/2020	6/1/2020	6	79	
10	Park R and Tennis Paving	Paving	4/24/2020	5/19/2020	6	22	
11	Park R and Tennis Architectural Coating	Architectural Coating	5/20/2020	6/12/2020	6	21	
12	Stu Center Building Construction	Building Construction	6/2/2020	2/1/2022	6	523	
13	Park S Architectural Coating	Architectural Coating	8/28/2020	9/21/2020	6	21	
14	Vball Demolition	Demolition	10/1/2020	11/25/2020	6	48	
15	Vball Site Preparation	Site Preparation	11/26/2020	1/20/2021	6	48	
16	Vball Grading	Grading	1/21/2021	3/17/2021	6	48	
17	Bookstore Site Preparation	Site Preparation	2/1/2021	5/1/2021	6	78	

18	Bookstore Grading	Grading	5/2/2021	7/31/2021	6	78
19	Stu Center Paving	Paving	7/13/2021	9/2/2021	6	45
20	Bookstore Building Construction	Building Construction	8/2/2021	7/30/2022	6	312
21	Bookstore Paving	Paving	8/2/2021	8/30/2022	6	338
22	Stu Center Architectural Coating	Architectural Coating	11/1/2021	2/1/2022	6	80
23	Communication Tower Paving	Paving	6/24/2022	8/4/2022	6	36

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 5.98

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 134,479; Striped Parking Area: 101,314

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Stu Center Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Stu Center Demolition	Excavators	3	8.00	158	0.38
Stu Center Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Park R and Tennis Fine Grading	Excavators	2	8.00	158	0.38
Park R and Tennis Fine Grading	Graders	1	8.00	187	0.41
Park R and Tennis Fine Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park R and Tennis Fine Grading	Scrapers	2	8.00	367	0.48
Park R and Tennis Fine Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Park R and Tennis Building Construction	Cranes	1	7.00	231	0.29
Park R and Tennis Building Construction	Forklifts	3	8.00	89	0.20
Park R and Tennis Building Construction	Generator Sets	1	8.00	84	0.74
Park R and Tennis Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park R and Tennis Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Park S Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Park S Demolition	Excavators	3	8.00	158	0.38
Park S Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Park S Grading	Excavators	2	8.00	158	0.38
Park S Grading	Graders	1	8.00	187	0.41
Park S Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park S Grading	Scrapers	2	8.00	367	0.48
Park S Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Park S Building Construction	Cranes	1	7.00	231	0.29
Park S Building Construction	Forklifts	3	8.00	89	0.20
Park S Building Construction	Generator Sets	1	8.00	84	0.74
Park S Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Park S Building Construction	Welders	1	8.00	46	0.45
Stu Center Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Stu Center Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Stu Center Grading	Excavators	2	8.00	158	0.38
Stu Center Grading	Graders	1	8.00	187	0.41
Stu Center Grading	Rubber Tired Dozers	1	8.00	247	0.40
Stu Center Grading	Scrapers	2	8.00	367	0.48
Stu Center Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Park R and Tennis Paving	Pavers	2	8.00	130	0.42
Park R and Tennis Paving	Paving Equipment	2	8.00	132	0.36
Park R and Tennis Paving	Rollers	2	8.00	80	0.38
Park R and Tennis Architectural Coating	Air Compressors	1	6.00	78	0.48
Stu Center Building Construction	Cranes	1	7.00	231	0.29
Stu Center Building Construction	Forklifts	3	8.00	89	0.20
Stu Center Building Construction	Generator Sets	1	8.00	84	0.74
Stu Center Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Stu Center Building Construction	Welders	1	8.00	46	0.45
Park S Architectural Coating	Air Compressors	1	6.00	78	0.48

Vball Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Vball Demolition	Excavators	1	8.00	158	0.38
Vball Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Vball Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Vball Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Vball Grading	Excavators	1	8.00	158	0.38
Vball Grading	Graders	1	8.00	187	0.41
Vball Grading	Rubber Tired Dozers	1	8.00	247	0.40
Vball Grading	Scrapers	1	8.00	367	0.48
Vball Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Bookstore Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Bookstore Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Bookstore Grading	Excavators	2	8.00	158	0.38
Bookstore Grading	Graders	1	8.00	187	0.41
Bookstore Grading	Rubber Tired Dozers	1	8.00	247	0.40
Bookstore Grading	Scrapers	0	8.00	367	0.48
Bookstore Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Stu Center Paving	Pavers	2	8.00	130	0.42
Stu Center Paving	Paving Equipment	2	8.00	132	0.36
Stu Center Paving	Rollers	2	8.00	80	0.38
Bookstore Building Construction	Cranes	1	7.00	231	0.29
Bookstore Building Construction	Forklifts	3	8.00	89	0.20
Bookstore Building Construction	Generator Sets	1	8.00	84	0.74
Bookstore Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Bookstore Building Construction	Welders	1	8.00	46	0.45
Bookstore Paving	Pavers	1	8.00	130	0.42
Bookstore Paving	Paving Equipment	1	8.00	132	0.36
Bookstore Paving	Rollers	2	8.00	80	0.38
Stu Center Architectural Coating	Air Compressors	1	6.00	78	0.48
Communication Tower Paving	Pavers	0	8.00	130	0.42

Communication Tower Paving	Paving Equipment	1	8.00	132	0.36
Communication Tower Paving	Rollers	1	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
Stu Center Demolition	6	15.00	0.00	344.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park R and Tennis Fine Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park R and Tennis Building Construction	9	100.00	156.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	74.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park S Demolition	6	15.00	0.00	208.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park S Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park S Building Construction	9	100.00	156.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Grading	8	20.00	0.00	2,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park R and Tennis Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park R and Tennis Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Building Construction	9	100.00	156.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Park S Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Vball Demolition	3	8.00	0.00	17.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Vball Site Preparation	2	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Vball Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Vball Grading	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Bookstore Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Bookstore Grading	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Bookstore Building Construction	9	100.00	156.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Bookstore Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Stu Center Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Communication Tower Paving	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Stu Center Demolition - 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					
Fugitive Dust					0.3547	0.0000	0.3547	0.0537	0.0000	0.0537			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
Total	3.5134	35.7830	22.0600	0.0388	0.3547	1.7949	2.1496	0.0537	1.6697	1.7234		3,816.8994	3,816.8994	1.0618		3,843.4451

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0154	0.5017	0.1070	1.3100e-003	0.0936	1.8400e-003	0.0955	0.0238	1.7600e-003	0.0256		141.6153	141.6153	9.7500e-003		141.8591
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0749	0.0551	0.7233	1.8300e-003	0.6050	1.4500e-003	0.6064	0.1518	1.3300e-003	0.1531		181.9429	181.9429	6.2500e-003		182.0992
Total	0.0903	0.5568	0.8302	3.1400e-003	0.6986	3.2900e-003	0.7019	0.1756	3.0900e-003	0.1787		323.5582	323.5582	0.0160		323.9583

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1383	0.0000	0.1383	0.0210	0.0000	0.0210			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	0.4623	2.0032	23.2798	0.0388	0.1383	0.0616	0.2000	0.0210	0.0616	0.0826	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0154	0.5017	0.1070	1.3100e-003	0.0936	1.8400e-003	0.0955	0.0238	1.7600e-003	0.0256		141.6153	141.6153	9.7500e-003		141.8591
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0749	0.0551	0.7233	1.8300e-003	0.6050	1.4500e-003	0.6064	0.1518	1.3300e-003	0.1531		181.9429	181.9429	6.2500e-003		182.0992
Total	0.0903	0.5568	0.8302	3.1400e-003	0.6986	3.2900e-003	0.7019	0.1756	3.0900e-003	0.1787		323.5582	323.5582	0.0160		323.9583

3.3 Park R and Tennis Fine Grading - 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					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	8.6733	2.3827	11.0560	3.5965	2.1920	5.7885		6,140.0195	6,140.0195	1.9426		6,188.5854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989
Total	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000

Off-Road	0.7616	3.3000	32.9991	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	0.7616	3.3000	32.9991	0.0620	3.3826	0.1015	3.4841	1.4026	0.1015	1.5042	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989
Total	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989

3.4 Park R and Tennis 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	2.4485	21.9553	18.0273	0.0281		1.3484	1.3484		1.2666	1.2666		2,706.9084	2,706.9084	0.6678		2,723.6039
Total	2.4485	21.9553	18.0273	0.0281		1.3484	1.3484		1.2666	1.2666		2,706.9084	2,706.9084	0.6678		2,723.6039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.6482	18.0538	4.7904	0.0408	2.4218	0.1151	2.5369	0.6369	0.1101	0.7470		4,349.5081	4,349.5081	0.2787			4,356.4763
Worker	0.4996	0.3672	4.8216	0.0122	3.0613	9.6400e-003	3.0709	0.7735	8.8800e-003	0.7824		1,212.9529	1,212.9529	0.0417			1,213.9945
Total	1.1478	18.4210	9.6121	0.0530	5.4831	0.1247	5.6078	1.4103	0.1190	1.5293		5,562.4609	5,562.4609	0.3204			5,570.4707

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.6834	2.9167	18.6489	0.0281		0.1394	0.1394		0.1394	0.1394	0.0000	2,706.9084	2,706.9084	0.6678			2,723.6039
Total	0.6834	2.9167	18.6489	0.0281		0.1394	0.1394		0.1394	0.1394	0.0000	2,706.9084	2,706.9084	0.6678			2,723.6039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6482	18.0538	4.7904	0.0408	2.4218	0.1151	2.5369	0.6369	0.1101	0.7470		4,349.5081	4,349.5081	0.2787		4,356.4763	
Worker	0.4996	0.3672	4.8216	0.0122	3.0613	9.6400e-003	3.0709	0.7735	8.8800e-003	0.7824		1,212.9529	1,212.9529	0.0417		1,213.9945	
Total	1.1478	18.4210	9.6121	0.0530	5.4831	0.1247	5.6078	1.4103	0.1190	1.5293		5,562.4609	5,562.4609	0.3204		5,570.4707	

3.4 Park R and Tennis 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	2.1984	19.9755	17.7034	0.0281		1.1670	1.1670		1.0963	1.0963		2,665.8512	2,665.8512	0.6593		2,682.3346
Total	2.1984	19.9755	17.7034	0.0281		1.1670	1.1670		1.0963	1.0963		2,665.8512	2,665.8512	0.6593		2,682.3346

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5548	16.5941	4.3478	0.0405	2.4218	0.0781	2.4999	0.6369	0.0747	0.7116		4,321.5852	4,321.5852	0.2637		4,328.1782

Worker	0.4602	0.3274	4.3785	0.0118	3.0613	9.3400e-003	3.0706	0.7735	8.6100e-003	0.7821		1,176.1129	1,176.1129	0.0371		1,177.0399
Total	1.0150	16.9215	8.7263	0.0523	5.4831	0.0874	5.5705	1.4103	0.0833	1.4937		5,497.6981	5,497.6981	0.3008		5,505.2181

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6403	2.8638	18.6087	0.0281		0.1267	0.1267		0.1267	0.1267	0.0000	2,665.8512	2,665.8512	0.6593		2,682.3346
Total	0.6403	2.8638	18.6087	0.0281		0.1267	0.1267		0.1267	0.1267	0.0000	2,665.8512	2,665.8512	0.6593		2,682.3346

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5548	16.5941	4.3478	0.0405	2.4218	0.0781	2.4999	0.6369	0.0747	0.7116		4,321.5852	4,321.5852	0.2637		4,328.1782
Worker	0.4602	0.3274	4.3785	0.0118	3.0613	9.3400e-003	3.0706	0.7735	8.6100e-003	0.7821		1,176.1129	1,176.1129	0.0371		1,177.0399
Total	1.0150	16.9215	8.7263	0.0523	5.4831	0.0874	5.5705	1.4103	0.0833	1.4937		5,497.6981	5,497.6981	0.3008		5,505.2181

3.5 Demolition - 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						
Fugitive Dust					0.1020	0.0000	0.1020	0.0154	0.0000	0.0154			0.0000				0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618			3,843.4451
Total	3.5134	35.7830	22.0600	0.0388	0.1020	1.7949	1.8969	0.0154	1.6697	1.6851		3,816.8994	3,816.8994	1.0618			3,843.4451

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	4.4000e-003	0.1435	0.0306	3.7000e-004	8.1900e-003	5.3000e-004	8.7200e-003	2.2400e-003	5.0000e-004	2.7500e-003		40.4898	40.4898	2.7900e-003			40.5595
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0749	0.0551	0.7233	1.8300e-003	0.1677	1.4500e-003	0.1691	0.0445	1.3300e-003	0.0458		181.9429	181.9429	6.2500e-003			182.0992
Total	0.0793	0.1985	0.7538	2.2000e-003	0.1759	1.9800e-003	0.1778	0.0467	1.8300e-003	0.0486		222.4327	222.4327	9.0400e-003			222.6587

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					0.0398	0.0000	0.0398	6.0200e-003	0.0000	6.0200e-003			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	0.4623	2.0032	23.2798	0.0388	0.0398	0.0616	0.1014	6.0200e-003	0.0616	0.0677	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.4000e-003	0.1435	0.0306	3.7000e-004	8.1900e-003	5.3000e-004	8.7200e-003	2.2400e-003	5.0000e-004	2.7500e-003		40.4898	40.4898	2.7900e-003		40.5595
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0749	0.0551	0.7233	1.8300e-003	0.1677	1.4500e-003	0.1691	0.0445	1.3300e-003	0.0458		181.9429	181.9429	6.2500e-003		182.0992
Total	0.0793	0.1985	0.7538	2.2000e-003	0.1759	1.9800e-003	0.1778	0.0467	1.8300e-003	0.0486		222.4327	222.4327	9.0400e-003		222.6587

3.6 Park S Demolition - 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					
Fugitive Dust					1.1539	0.0000	1.1539	0.1747	0.0000	0.1747			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451

Total	3.5134	35.7830	22.0600	0.0388	1.1539	1.7949	2.9488	0.1747	1.6697	1.8444		3,816.8994	3,816.8994	1.0618		3,843.4451
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0501	1.6335	0.3483	4.2600e-003	0.1638	5.9900e-003	0.1698	0.0429	5.7300e-003	0.0486		461.0729	461.0729	0.0318		461.8668
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0749	0.0551	0.7233	1.8300e-003	0.3134	1.4500e-003	0.3149	0.0802	1.3300e-003	0.0816		181.9429	181.9429	6.2500e-003		182.0992
Total	0.1251	1.6886	1.0715	6.0900e-003	0.4772	7.4400e-003	0.4846	0.1231	7.0600e-003	0.1302		643.0159	643.0159	0.0380		643.9659

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4500	0.0000	0.4500	0.0681	0.0000	0.0681			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	0.4623	2.0032	23.2798	0.0388	0.4500	0.0616	0.5117	0.0681	0.0616	0.1298	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0501	1.6335	0.3483	4.2600e-003	0.1638	5.9900e-003	0.1698	0.0429	5.7300e-003	0.0486		461.0729	461.0729	0.0318		461.8668
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0749	0.0551	0.7233	1.8300e-003	0.3134	1.4500e-003	0.3149	0.0802	1.3300e-003	0.0816		181.9429	181.9429	6.2500e-003		182.0992
Total	0.1251	1.6886	1.0715	6.0900e-003	0.4772	7.4400e-003	0.4846	0.1231	7.0600e-003	0.1302		643.0159	643.0159	0.0380		643.9659

3.7 Park S Grading - 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					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	8.6733	2.3827	11.0560	3.5965	2.1920	5.7885		6,140.0195	6,140.0195	1.9426		6,188.5854

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0999	0.0734	0.9643	2.4400e-003	0.8066	1.9300e-003	0.8085	0.2024	1.7800e-003	0.2042		242.5906	242.5906	8.3300e-003		242.7989
Total	0.0999	0.0734	0.9643	2.4400e-003	0.8066	1.9300e-003	0.8085	0.2024	1.7800e-003	0.2042		242.5906	242.5906	8.3300e-003		242.7989

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	0.7616	3.3000	32.9991	0.0620	3.3826	0.1015	3.4841	1.4026	0.1015	1.5042	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0999	0.0734	0.9643	2.4400e-003	0.8066	1.9300e-003	0.8085	0.2024	1.7800e-003	0.2042		242.5906	242.5906	8.3300e-003		242.7989

Total	0.0999	0.0734	0.9643	2.4400e-003	0.8066	1.9300e-003	0.8085	0.2024	1.7800e-003	0.2042		242.5906	242.5906	8.3300e-003		242.7989
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3.8 Park S 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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6482	18.0538	4.7904	0.0408	0.9987	0.1151	1.1138	0.2875	0.1101	0.3977		4,349.5081	4,349.5081	0.2787		4,356.4763
Worker	0.4996	0.3672	4.8216	0.0122	1.1178	9.6400e-003	1.1274	0.2964	8.8800e-003	0.3053		1,212.9529	1,212.9529	0.0417		1,213.9945
Total	1.1478	18.4210	9.6121	0.0530	2.1165	0.1247	2.2412	0.5840	0.1190	0.7030		5,562.4609	5,562.4609	0.3204		5,570.4707

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6692	2.8550	17.7706	0.0269		0.1375	0.1375		0.1375	0.1375	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	0.6692	2.8550	17.7706	0.0269		0.1375	0.1375		0.1375	0.1375	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6482	18.0538	4.7904	0.0408	0.9987	0.1151	1.1138	0.2875	0.1101	0.3977		4,349.5081	4,349.5081	0.2787		4,356.4763
Worker	0.4996	0.3672	4.8216	0.0122	1.1178	9.6400e-003	1.1274	0.2964	8.8800e-003	0.3053		1,212.9529	1,212.9529	0.0417		1,213.9945
Total	1.1478	18.4210	9.6121	0.0530	2.1165	0.1247	2.2412	0.5840	0.1190	0.7030		5,562.4609	5,562.4609	0.3204		5,570.4707

3.8 Park S 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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5548	16.5941	4.3478	0.0405	0.9987	0.0781	1.0768	0.2876	0.0747	0.3623		4,321.5852	4,321.5852	0.2637		4,328.1782
Worker	0.4602	0.3274	4.3785	0.0118	1.1178	9.3400e-003	1.1271	0.2964	8.6100e-003	0.3050		1,176.1129	1,176.1129	0.0371		1,177.0399
Total	1.0150	16.9215	8.7263	0.0523	2.1165	0.0874	2.2039	0.5840	0.0833	0.6673		5,497.6981	5,497.6981	0.3008		5,505.2181

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5548	16.5941	4.3478	0.0405	0.9987	0.0781	1.0768	0.2876	0.0747	0.3623		4,321.5852	4,321.5852	0.2637		4,328.1782
Worker	0.4602	0.3274	4.3785	0.0118	1.1178	9.3400e-003	1.1271	0.2964	8.6100e-003	0.3050		1,176.1129	1,176.1129	0.0371		1,177.0399
Total	1.0150	16.9215	8.7263	0.0523	2.1165	0.0874	2.2039	0.5840	0.0833	0.6673		5,497.6981	5,497.6981	0.3008		5,505.2181

3.9 Stu Center Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2890	13.4374	6.4113	0.0116		0.6881	0.6881		0.6331	0.6331		1,128.1110	1,128.1110	0.3649		1,137.2324
Total	1.2890	13.4374	6.4113	0.0116	6.0221	0.6881	6.7102	3.3102	0.6331	3.9433		1,128.1110	1,128.1110	0.3649		1,137.2324

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0230	0.0164	0.2189	5.9000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		58.8056	58.8056	1.8500e-003		58.8520
Total	0.0230	0.0164	0.2189	5.9000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		58.8056	58.8056	1.8500e-003		58.8520

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.1110	1,128.1110	0.3649		1,137.2324
Total	0.1425	0.6176	6.1756	0.0116	2.3486	0.0190	2.3676	1.2910	0.0190	1.3100	0.0000	1,128.1110	1,128.1110	0.3649		1,137.2324

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0230	0.0164	0.2189	5.9000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		58.8056	58.8056	1.8500e-003		58.8520
Total	0.0230	0.0164	0.2189	5.9000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		58.8056	58.8056	1.8500e-003		58.8520

3.9 Stu Center Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2336	12.8671	6.2980	0.0116		0.6442	0.6442		0.5927	0.5927		1,128.2523	1,128.2523	0.3649		1,137.3748
Total	1.2336	12.8671	6.2980	0.0116	6.0221	0.6442	6.6663	3.3102	0.5927	3.9029		1,128.2523	1,128.2523	0.3649		1,137.3748

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804
Total	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000				0.0000
Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.2523	1,128.2523	0.3649			1,137.3748
Total	0.1425	0.6176	6.1756	0.0116	2.3486	0.0190	2.3676	1.2910	0.0190	1.3100	0.0000	1,128.2523	1,128.2523	0.3649			1,137.3748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003			56.9804
Total	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003			56.9804

3.9 Stu Center Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.0018	10.4693	5.8199	0.0116		0.5075	0.5075		0.4669	0.4669		1,128.2743	1,128.2743	0.3649		1,137.3970
Total	1.0018	10.4693	5.8199	0.0116	6.0221	0.5075	6.5296	3.3102	0.4669	3.7771		1,128.2743	1,128.2743	0.3649		1,137.3970

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0201	0.0133	0.1858	5.5000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		54.9356	54.9356	1.5200e-003		54.9735
Total	0.0201	0.0133	0.1858	5.5000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		54.9356	54.9356	1.5200e-003		54.9735

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000

Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.2743	1,128.2743	0.3649		1,137.3970
Total	0.1425	0.6176	6.1756	0.0116	2.3486	0.0190	2.3676	1.2910	0.0190	1.3100	0.0000	1,128.2743	1,128.2743	0.3649		1,137.3970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0201	0.0133	0.1858	5.5000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		54.9356	54.9356	1.5200e-003		54.9735
Total	0.0201	0.0133	0.1858	5.5000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		54.9356	54.9356	1.5200e-003		54.9735

3.10 Stu Center Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7020	0.0000	8.7020	3.6008	0.0000	3.6008			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	8.7020	2.1739	10.8759	3.6008	2.0000	5.6008		6,005.8653	6,005.8653	1.9424		6,054.4257

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.2764	9.0994	2.0163	0.0250	0.9717	0.0290	1.0007	0.2544	0.0278	0.2822		2,708.3285	2,708.3285	0.1844			2,712.9372
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0920	0.0655	0.8757	2.3600e-003	0.4179	1.8700e-003	0.4198	0.1070	1.7200e-003	0.1087		235.2226	235.2226	7.4200e-003			235.4080
Total	0.3685	9.1649	2.8920	0.0274	1.3896	0.0309	1.4205	0.3614	0.0295	0.3909		2,943.5511	2,943.5511	0.1918			2,948.3452

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3938	0.0000	3.3938	1.4043	0.0000	1.4043			0.0000				0.0000
Off-Road	0.7616	3.3000	32.9991	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,005.8653	6,005.8653	1.9424			6,054.4257
Total	0.7616	3.3000	32.9991	0.0620	3.3938	0.1015	3.4953	1.4043	0.1015	1.5059	0.0000	6,005.8653	6,005.8653	1.9424			6,054.4257

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.2764	9.0994	2.0163	0.0250	0.9717	0.0290	1.0007	0.2544	0.0278	0.2822		2,708.3285	2,708.3285	0.1844		2,712.9372
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0920	0.0655	0.8757	2.3600e-003	0.4179	1.8700e-003	0.4198	0.1070	1.7200e-003	0.1087		235.2226	235.2226	7.4200e-003		235.4080
Total	0.3685	9.1649	2.8920	0.0274	1.3896	0.0309	1.4205	0.3614	0.0295	0.3909		2,943.5511	2,943.5511	0.1918		2,948.3452

3.11 Park R and Tennis Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841

Unmitigated Construction Off-Site

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

Worker	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560
Total	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560
Total	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560

3.12 Park R and Tennis Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.0429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	52.2851	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3682	0.2619	3.5028	9.4500e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		940.8903	940.8903	0.0297		941.6319
Total	0.3682	0.2619	3.5028	9.4500e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		940.8903	940.8903	0.0297		941.6319

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Archit. Coating	52.0429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928
Total	52.0726	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3682	0.2619	3.5028	9.4500e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		940.8903	940.8903	0.0297			941.6319
Total	0.3682	0.2619	3.5028	9.4500e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		940.8903	940.8903	0.0297			941.6319

3.13 Stu Center 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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229			2,568.6345
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229			2,568.6345

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5548	16.5941	4.3478	0.0405	2.4218	0.0781	2.4999	0.6369	0.0747	0.7116		4,321.5852	4,321.5852	0.2637		4,328.1782
Worker	0.4602	0.3274	4.3785	0.0118	3.0613	9.3400e-003	3.0706	0.7735	8.6100e-003	0.7821		1,176.1129	1,176.1129	0.0371		1,177.0399
Total	1.0150	16.9215	8.7263	0.0523	5.4831	0.0874	5.5705	1.4103	0.0833	1.4937		5,497.6981	5,497.6981	0.3008		5,505.2181

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.5548	16.5941	4.3478	0.0405	2.4218	0.0781	2.4999	0.6369	0.0747	0.7116		4,321.5852	4,321.5852	0.2637			4,328.1782
Worker	0.4602	0.3274	4.3785	0.0118	3.0613	9.3400e-003	3.0706	0.7735	8.6100e-003	0.7821		1,176.1129	1,176.1129	0.0371			1,177.0399
Total	1.0150	16.9215	8.7263	0.0523	5.4831	0.0874	5.5705	1.4103	0.0833	1.4937		5,497.6981	5,497.6981	0.3008			5,505.2181

3.13 Stu Center 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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160			2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160			2,568.7643

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4742	15.1460	3.9596	0.0401	2.4219	0.0310	2.4528	0.6369	0.0296	0.6665		4,288.1378	4,288.1378	0.2526		4,294.4535
Worker	0.4287	0.2946	4.0277	0.0114	3.0613	9.0300e-003	3.0703	0.7735	8.3200e-003	0.7818		1,138.7699	1,138.7699	0.0336		1,139.6087
Total	0.9028	15.4406	7.9873	0.0516	5.4831	0.0400	5.5231	1.4103	0.0379	1.4483		5,426.9077	5,426.9077	0.2862		5,434.0622

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4742	15.1460	3.9596	0.0401	2.4219	0.0310	2.4528	0.6369	0.0296	0.6665		4,288.1378	4,288.1378	0.2526		4,294.4535
Worker	0.4287	0.2946	4.0277	0.0114	3.0613	9.0300e-003	3.0703	0.7735	8.3200e-003	0.7818		1,138.7699	1,138.7699	0.0336		1,139.6087

Total	0.9028	15.4406	7.9873	0.0516	5.4831	0.0400	5.5231	1.4103	0.0379	1.4483		5,426.9077	5,426.9077	0.2862		5,434.0622
												7				

3.13 Stu Center 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4450	14.4035	3.7463	0.0397	2.4219	0.0271	2.4490	0.6369	0.0259	0.6628		4,250.7799	4,250.7799	0.2439		4,256.8783
Worker	0.4015	0.2661	3.7160	0.0110	3.0613	8.7500e-003	3.0700	0.7735	8.0600e-003	0.7815		1,098.7123	1,098.7123	0.0303		1,099.4704
Total	0.8466	14.6697	7.4624	0.0508	5.4832	0.0358	5.5190	1.4104	0.0340	1.4443		5,349.4922	5,349.4922	0.2743		5,356.3487

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4450	14.4035	3.7463	0.0397	2.4219	0.0271	2.4490	0.6369	0.0259	0.6628		4,250.7799	4,250.7799	0.2439		4,256.8783
Worker	0.4015	0.2661	3.7160	0.0110	3.0613	8.7500e-003	3.0700	0.7735	8.0600e-003	0.7815		1,098.7123	1,098.7123	0.0303		1,099.4704
Total	0.8466	14.6697	7.4624	0.0508	5.4832	0.0358	5.5190	1.4104	0.0340	1.4443		5,349.4922	5,349.4922	0.2743		5,356.3487

3.14 Park S Architectural Coating - 2020

Unmitigated Construction On-Site

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

Archit. Coating	24.8646					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	25.1068	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3682	0.2619	3.5028	9.4500e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		940.8903	940.8903	0.0297		941.6319
Total	0.3682	0.2619	3.5028	9.4500e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		940.8903	940.8903	0.0297		941.6319

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	24.8646					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928
Total	24.8943	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3682	0.2619	3.5028	9.4500e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		940.8903	940.8903	0.0297			941.6319
Total	0.3682	0.2619	3.5028	9.4500e-003	0.8942	7.4700e-003	0.9017	0.2372	6.8900e-003	0.2440		940.8903	940.8903	0.0297			941.6319

3.15 Vball Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.0745	0.0000	0.0745	0.0113	0.0000	0.0113			0.0000				0.0000
Off-Road	1.7427	17.0435	11.0860	0.0200		0.8700	0.8700		0.8162	0.8162		1,920.1256	1,920.1256	0.4669			1,931.7974
Total	1.7427	17.0435	11.0860	0.0200	0.0745	0.8700	0.9444	0.0113	0.8162	0.8275		1,920.1256	1,920.1256	0.4669			1,931.7974

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0900e-003	0.1018	0.0226	2.8000e-004	0.0202	3.3000e-004	0.0206	5.1500e-003	3.1000e-004	5.4600e-003		30.3107	30.3107	2.0600e-003		30.3623
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.3226	7.5000e-004	0.3234	0.0810	6.9000e-004	0.0817		94.0890	94.0890	2.9700e-003		94.1632
Total	0.0399	0.1280	0.3729	1.2200e-003	0.3429	1.0800e-003	0.3440	0.0861	1.0000e-003	0.0871		124.3997	124.3997	5.0300e-003		124.5255

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0290	0.0000	0.0290	4.4000e-003	0.0000	4.4000e-003			0.0000			0.0000
Off-Road	0.2307	0.9995	11.6102	0.0200		0.0308	0.0308		0.0308	0.0308	0.0000	1,920.1256	1,920.1256	0.4669		1,931.7974
Total	0.2307	0.9995	11.6102	0.0200	0.0290	0.0308	0.0598	4.4000e-003	0.0308	0.0352	0.0000	1,920.1256	1,920.1256	0.4669		1,931.7974

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0900e-003	0.1018	0.0226	2.8000e-004	0.0202	3.3000e-004	0.0206	5.1500e-003	3.1000e-004	5.4600e-003		30.3107	30.3107	2.0600e-003		30.3623

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.3226	7.5000e-004	0.3234	0.0810	6.9000e-004	0.0817		94.0890	94.0890	2.9700e-003		94.1632
Total	0.0399	0.1280	0.3729	1.2200e-003	0.3429	1.0800e-003	0.3440	0.0861	1.0000e-003	0.0871		124.3997	124.3997	5.0300e-003		124.5255

3.16 Vball Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2651	0.0000	12.2651	6.6443	0.0000	6.6443			0.0000			0.0000
Off-Road	1.2890	13.4374	6.4113	0.0116		0.6881	0.6881		0.6331	0.6331		1,128.1110	1,128.1110	0.3649		1,137.2324
Total	1.2890	13.4374	6.4113	0.0116	12.2651	0.6881	12.9532	6.6443	0.6331	7.2774		1,128.1110	1,128.1110	0.3649		1,137.2324

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0828	0.0589	0.7881	2.1300e-003	0.9009	1.6800e-003	0.9025	0.2251	1.5500e-003	0.2266		211.7003	211.7003	6.6700e-003		211.8672
Total	0.0828	0.0589	0.7881	2.1300e-003	0.9009	1.6800e-003	0.9025	0.2251	1.5500e-003	0.2266		211.7003	211.7003	6.6700e-003		211.8672

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.7834	0.0000	4.7834	2.5913	0.0000	2.5913			0.0000			0.0000
Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.1110	1,128.1110	0.3649		1,137.2324
Total	0.1425	0.6176	6.1756	0.0116	4.7834	0.0190	4.8024	2.5913	0.0190	2.6103	0.0000	1,128.1110	1,128.1110	0.3649		1,137.2324

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0828	0.0589	0.7881	2.1300e-003	0.9009	1.6800e-003	0.9025	0.2251	1.5500e-003	0.2266		211.7003	211.7003	6.6700e-003		211.8672
Total	0.0828	0.0589	0.7881	2.1300e-003	0.9009	1.6800e-003	0.9025	0.2251	1.5500e-003	0.2266		211.7003	211.7003	6.6700e-003		211.8672

3.16 Vball Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2651	0.0000	12.2651	6.6443	0.0000	6.6443			0.0000			0.0000
Off-Road	1.2336	12.8671	6.2980	0.0116		0.6442	0.6442		0.5927	0.5927		1,128.2523	1,128.2523	0.3649		1,137.3748
Total	1.2336	12.8671	6.2980	0.0116	12.2651	0.6442	12.9093	6.6443	0.5927	7.2370		1,128.2523	1,128.2523	0.3649		1,137.3748

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0772	0.0530	0.7250	2.0600e-003	0.9009	1.6300e-003	0.9025	0.2251	1.5000e-003	0.2266		204.9786	204.9786	6.0400e-003		205.1296
Total	0.0772	0.0530	0.7250	2.0600e-003	0.9009	1.6300e-003	0.9025	0.2251	1.5000e-003	0.2266		204.9786	204.9786	6.0400e-003		205.1296

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.7834	0.0000	4.7834	2.5913	0.0000	2.5913			0.0000			0.0000

Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748
Total	0.1425	0.6176	6.1756	0.0116	4.7834	0.0190	4.8024	2.5913	0.0190	2.6103	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0772	0.0530	0.7250	2.0600e-003	0.9009	1.6300e-003	0.9025	0.2251	1.5000e-003	0.2266		204.9786	204.9786	6.0400e-003		205.1296
Total	0.0772	0.0530	0.7250	2.0600e-003	0.9009	1.6300e-003	0.9025	0.2251	1.5000e-003	0.2266		204.9786	204.9786	6.0400e-003		205.1296

3.17 Vball Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6128	0.0000	7.6128	3.4820	0.0000	3.4820			0.0000			0.0000
Off-Road	2.8453	31.6479	18.3417	0.0386		1.3527	1.3527		1.2445	1.2445		3,738.0399	3,738.0399	1.2090		3,768.2638
Total	2.8453	31.6479	18.3417	0.0386	7.6128	1.3527	8.9656	3.4820	1.2445	4.7265		3,738.0399	3,738.0399	1.2090		3,768.2638

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003			148.1491
Total	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003			148.1491

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					2.9690	0.0000	2.9690	1.3580	0.0000	1.3580			0.0000				0.0000
Off-Road	0.4736	2.0523	19.9038	0.0386		0.0632	0.0632		0.0632	0.0632	0.0000	3,738.0399	3,738.0399	1.2090			3,768.2638
Total	0.4736	2.0523	19.9038	0.0386	2.9690	0.0632	3.0322	1.3580	0.0632	1.4211	0.0000	3,738.0399	3,738.0399	1.2090			3,768.2638

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003		148.1491
Total	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003		148.1491

3.18 Bookstore Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2336	12.8671	6.2980	0.0116		0.6442	0.6442		0.5927	0.5927		1,128.2523	1,128.2523	0.3649		1,137.3748
Total	1.2336	12.8671	6.2980	0.0116	6.0221	0.6442	6.6663	3.3102	0.5927	3.9029		1,128.2523	1,128.2523	0.3649		1,137.3748

Unmitigated Construction Off-Site

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

Worker	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804
Total	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.1425	0.6176	6.1756	0.0116		0.0190	0.0190		0.0190	0.0190	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748
Total	0.1425	0.6176	6.1756	0.0116	2.3486	0.0190	2.3676	1.2910	0.0190	1.3100	0.0000	1,128.2523	1,128.2523	0.3649		1,137.3748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804
Total	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804

3.19 Bookstore Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3323	24.9943	16.8691	0.0317		1.1526	1.1526		1.0604	1.0604		3,071.2204	3,071.2204	0.9933		3,096.0528
Total	2.3323	24.9943	16.8691	0.0317	6.5523	1.1526	7.7049	3.3675	1.0604	4.4279		3,071.2204	3,071.2204	0.9933		3,096.0528

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	0.3887	1.6844	19.3287	0.0317		0.0518	0.0518		0.0518	0.0518	0.0000	3,071.2204	3,071.2204	0.9933		3,096.0528
Total	0.3887	1.6844	19.3287	0.0317	2.5554	0.0518	2.6072	1.3133	0.0518	1.3652	0.0000	3,071.2204	3,071.2204	0.9933		3,096.0528

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

3.20 Stu Center Paving - 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

3.21 Bookstore 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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4742	15.1460	3.9596	0.0401	0.9987	0.0310	1.0297	0.2876	0.0296	0.3172		4,288.1378	4,288.1378	0.2526		4,294.4535
Worker	0.4287	0.2946	4.0277	0.0114	1.1178	9.0300e-003	1.1268	0.2964	8.3200e-003	0.3048		1,138.7699	1,138.7699	0.0336		1,139.6087
Total	0.9028	15.4406	7.9873	0.0516	2.1165	0.0400	2.1565	0.5840	0.0379	0.6219		5,426.9077	5,426.9077	0.2862		5,434.0622

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4742	15.1460	3.9596	0.0401	0.9987	0.0310	1.0297	0.2876	0.0296	0.3172		4,288.1378	4,288.1378	0.2526		4,294.4535
Worker	0.4287	0.2946	4.0277	0.0114	1.1178	9.0300e-003	1.1268	0.2964	8.3200e-003	0.3048		1,138.7699	1,138.7699	0.0336		1,139.6087

Total	0.9028	15.4406	7.9873	0.0516	2.1165	0.0400	2.1565	0.5840	0.0379	0.6219		5,426.9077	5,426.9077	0.2862		5,434.0622
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3.21 Bookstore 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4450	14.4035	3.7463	0.0397	0.9988	0.0271	1.0258	0.2876	0.0259	0.3135		4,250.7799	4,250.7799	0.2439		4,256.8783
Worker	0.4015	0.2661	3.7160	0.0110	1.1178	8.7500e-003	1.1265	0.2964	8.0600e-003	0.3045		1,098.7123	1,098.7123	0.0303		1,099.4704
Total	0.8466	14.6697	7.4624	0.0508	2.1165	0.0358	2.1523	0.5840	0.0340	0.6180		5,349.4922	5,349.4922	0.2743		5,356.3487

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4450	14.4035	3.7463	0.0397	0.9988	0.0271	1.0258	0.2876	0.0259	0.3135		4,250.7799	4,250.7799	0.2439		4,256.8783
Worker	0.4015	0.2661	3.7160	0.0110	1.1178	8.7500e-003	1.1265	0.2964	8.0600e-003	0.3045		1,098.7123	1,098.7123	0.0303		1,099.4704
Total	0.8466	14.6697	7.4624	0.0508	2.1165	0.0358	2.1523	0.5840	0.0340	0.6180		5,349.4922	5,349.4922	0.2743		5,356.3487

3.22 Bookstore Paving - 2021

Unmitigated Construction On-Site

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

Off-Road	0.8173	8.3838	9.2071	0.0140		0.4565	0.4565		0.4200	0.4200		1,357.6943	1,357.6943	0.4391		1,368.6720
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8173	8.3838	9.2071	0.0140		0.4565	0.4565		0.4200	0.4200		1,357.6943	1,357.6943	0.4391		1,368.6720

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003			113.9609
Total	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003			113.9609

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1724	0.7471	10.6316	0.0140		0.0230	0.0230		0.0230	0.0230	0.0000	1,357.6943	1,357.6943	0.4391		1,368.6720
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.1724	0.7471	10.6316	0.0140		0.0230	0.0230		0.0230	0.0230	0.0000	1,357.6943	1,357.6943	0.4391		1,368.6720

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609
Total	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609

3.22 Bookstore Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7177	7.2883	9.1506	0.0140		0.3834	0.3834		0.3527	0.3527		1,357.9340	1,357.9340	0.4392		1,368.9136
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7177	7.2883	9.1506	0.0140		0.3834	0.3834		0.3527	0.3527		1,357.9340	1,357.9340	0.4392		1,368.9136

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1724	0.7471	10.6316	0.0140		0.0230	0.0230		0.0230	0.0230	0.0000	1,357.9340	1,357.9340	0.4392		1,368.9136
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.1724	0.7471	10.6316	0.0140		0.0230	0.0230		0.0230	0.0230	0.0000	1,357.9340	1,357.9340	0.4392		1,368.9136

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470

3.23 Stu Center Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1113					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		281.9309
Total	8.3302	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3429	0.2357	3.2222	9.1500e-003	0.8942	7.2300e-003	0.9014	0.2372	6.6600e-003	0.2438		911.0159	911.0159	0.0268		911.6870
Total	0.3429	0.2357	3.2222	9.1500e-003	0.8942	7.2300e-003	0.9014	0.2372	6.6600e-003	0.2438		911.0159	911.0159	0.0268		911.6870

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.1113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	8.1410	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3429	0.2357	3.2222	9.1500e-003	0.8942	7.2300e-003	0.9014	0.2372	6.6600e-003	0.2438		911.0159	911.0159	0.0268		911.6870
Total	0.3429	0.2357	3.2222	9.1500e-003	0.8942	7.2300e-003	0.9014	0.2372	6.6600e-003	0.2438		911.0159	911.0159	0.0268		911.6870

3.23 Stu Center Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	8.3158	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3212	0.2129	2.9728	8.8200e-003	0.8942	7.0000e-003	0.9012	0.2372	6.4500e-003	0.2436		878.9699	878.9699	0.0243		879.5764
Total	0.3212	0.2129	2.9728	8.8200e-003	0.8942	7.0000e-003	0.9012	0.2372	6.4500e-003	0.2436		878.9699	878.9699	0.0243		879.5764

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.1113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	8.1410	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3212	0.2129	2.9728	8.8200e-003	0.8942	7.0000e-003	0.9012	0.2372	6.4500e-003	0.2436		878.9699	878.9699	0.0243			879.5764
Total	0.3212	0.2129	2.9728	8.8200e-003	0.8942	7.0000e-003	0.9012	0.2372	6.4500e-003	0.2436		878.9699	878.9699	0.0243			879.5764

3.24 Communication Tower Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3445	3.4636	4.4063	6.7000e-003		0.1842	0.1842		0.1695	0.1695		648.5722	648.5722	0.2098		653.8163
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3445	3.4636	4.4063	6.7000e-003		0.1842	0.1842		0.1695	0.1695		648.5722	648.5722	0.2098		653.8163

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0201	0.0133	0.1858	5.5000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		54.9356	54.9356	1.5200e-003		54.9735
Total	0.0201	0.0133	0.1858	5.5000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		54.9356	54.9356	1.5200e-003		54.9735

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0825	0.3573	5.0848	6.7000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	648.5722	648.5722	0.2098		653.8163
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.0825	0.3573	5.0848	6.7000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	648.5722	648.5722	0.2098		653.8163

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000
Worker	0.0201	0.0133	0.1858	5.5000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		54.9356	54.9356	1.5200e-003	54.9735
Total	0.0201	0.0133	0.1858	5.5000e-004	0.0559	4.4000e-004	0.0563	0.0148	4.0000e-004	0.0152		54.9356	54.9356	1.5200e-003	54.9735

Mt. SAC EFMP Net Operational Full Buildout - Los Angeles-South Coast County, Winter

Mt. SAC EFMP Net Operational Full Buildout
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	544.20	1000sqft	12.49	544,195.00	0
Unenclosed Parking with Elevator	1,215.64	1000sqft	9.43	1,215,638.00	0
City Park	0.05	Acre	0.05	2,003.76	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	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 - Parking Structures B and F (TBD Phase 2- used R and S sf), R, and S. Lot Acreage measured aerially.

Construction Phase - Operations Only

Off-road Equipment -

Trips and VMT - .

Demolition - .

Grading - .

Architectural Coating - .

Vehicle Trips - Net Operational Trips

Area Coating - Defaults- added 82,030 sf to parking for tennis courts

Energy Use - default

Energy Mitigation - Title 24 2019 Standards+ 15% exceedance for Title 24

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	72938	154968
tblFleetMix	HHD	0.03	0.01
tblFleetMix	LDA	0.54	0.90
tblFleetMix	LDT1	0.04	0.01
tblFleetMix	LDT2	0.21	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.3160e-003	7.6130e-003
tblFleetMix	MCY	5.2770e-003	6.3610e-003
tblFleetMix	MDV	0.12	1.2050e-003
tblFleetMix	MH	8.2700e-004	9.9700e-004
tblFleetMix	MHD	0.02	0.03
tblFleetMix	OBUS	2.6010e-003	3.1350e-003
tblFleetMix	SBUS	7.0900e-004	8.5500e-004
tblFleetMix	UBUS	1.8620e-003	2.2440e-003
tblLandUse	LandUseSquareFeet	544,200.00	544,195.00
tblLandUse	LandUseSquareFeet	1,215,640.00	1,215,638.00
tblLandUse	LandUseSquareFeet	2,178.00	2,003.76
tblLandUse	LotAcreage	27.91	9.43
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	11.23	4.21
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.21	0.45

tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	27.49	10.31

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	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Energy	0.4354	3.9583	3.3250	0.0238		0.3008	0.3008		0.3008	0.3008		4,749.9760	4,749.9760	0.0910	0.0871	4,778.2028
Mobile	6.2214	20.5300	74.5284	0.2925	35.9895	0.2580	36.2474	9.6329	0.2393	9.8723		29,777.6245	29,777.6245	1.4227		29,813.1918
Total	19.4580	24.4900	78.0326	0.3163	35.9895	0.5594	36.5489	9.6329	0.5408	10.1737		34,527.9857	34,527.9857	1.5147	0.0871	34,591.8048

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	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Energy	0.2438	2.2159	1.8613	0.0133		0.1684	0.1684		0.1684	0.1684		2,659.0569	2,659.0569	0.0510	0.0488	2,674.8584
Mobile	6.2214	20.5300	74.5284	0.2925	35.9895	0.2580	36.2474	9.6329	0.2393	9.8723		29,777.6245	29,777.6245	1.4227		29,813.1918

Total	19.2663	22.7475	76.5690	0.3058	35.9895	0.4270	36.4164	9.6329	0.4084	10.0413		32,437.0666	32,437.0666	1.4747	0.0488	32,488.4604
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	ROG	NOx	CO	SO2	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	0.98	7.11	1.88	3.30	0.00	23.67	0.36	0.00	24.49	1.30	0.00	6.06	6.06	2.65	44.02	6.08

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	6.2214	20.5300	74.5284	0.2925	35.9895	0.2580	36.2474	9.6329	0.2393	9.8723		29,777.6245	29,777.6245	1.4227		29,813.1918
Unmitigated	6.2214	20.5300	74.5284	0.2925	35.9895	0.2580	36.2474	9.6329	0.2393	9.8723		29,777.6245	29,777.6245	1.4227		29,813.1918

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Junior College (2Yr)	5,610.70	2,291.08	244.89	13,198,742	13,198,742
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	5,610.70	2,291.08	244.89	13,198,742	13,198,742

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %
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Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Junior College (2Yr)	16.60	8.40	6.90	6.40	88.60	5.00	92	7	1
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Junior College (2Yr)	0.904015	0.012054	0.012054	0.001205	0.012054	0.007613	0.025361	0.012054	0.003135	0.002244	0.006361	0.000855	0.000997
Unenclosed Parking with Elevator	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2438	2.2159	1.8613	0.0133		0.1684	0.1684		0.1684	0.1684		2,659.0569	2,659.0569	0.0510	0.0488	2,674.8584
NaturalGas Unmitigated	0.4354	3.9583	3.3250	0.0238		0.3008	0.3008		0.3008	0.3008		4,749.9760	4,749.9760	0.0910	0.0871	4,778.2028

5.2 Energy by Land Use - NaturalGas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
Junior College (2Yr)	40374.8	0.4354	3.9583	3.3250	0.0238		0.3008	0.3008		0.3008	0.3008		4,749.9760	4,749.9760	0.0910	0.0871	4,778.2028
Unenclosed Parking with Fluster	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		0.4354	3.9583	3.3250	0.0238		0.3008	0.3008		0.3008	0.3008		4,749.9760	4,749.9760	0.0910	0.0871	4,778.2028

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
Junior College (2Yr)	22.602	0.2438	2.2159	1.8613	0.0133		0.1684	0.1684		0.1684	0.1684		2,659.0569	2,659.0569	0.0510	0.0488	2,674.8584
Unenclosed Parking with Fluster	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		0.2438	2.2159	1.8613	0.0133		0.1684	0.1684		0.1684	0.1684		2,659.0569	2,659.0569	0.0510	0.0488	2,674.8584

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	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Unmitigated	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102

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	1.5789					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.2057					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0165	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Total	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102

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	1.5789					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.2057					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0165	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Total	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Mt. SAC EFMP Net Operational Full Buildout - Los Angeles-South Coast County, Summer

Mt. SAC EFMP Net Operational Full Buildout
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	544.20	1000sqft	12.49	544,195.00	0
Unenclosed Parking with Elevator	1,215.64	1000sqft	9.43	1,215,638.00	0
City Park	0.05	Acre	0.05	2,003.76	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	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 - Parking Structures B and F (TBD Phase 2- used R and S sf), R, and S. Lot Acreage measured aerially.

Construction Phase - Operations Only

Off-road Equipment -

Trips and VMT - .

Demolition - .

Grading - .

Architectural Coating - .

Vehicle Trips - Net Operational Trips

Area Coating - Defaults- added 82,030 sf to parking for tennis courts

Energy Use - default

Construction Off-road Equipment Mitigation -

Energy Mitigation - Title 24 2019 Standards+ 15% exceedance for Title 24

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	72938	154968
tblFleetMix	HHD	0.03	0.01
tblFleetMix	LDA	0.54	0.90
tblFleetMix	LDT1	0.04	0.01
tblFleetMix	LDT2	0.21	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.3160e-003	7.6130e-003
tblFleetMix	MCY	5.2770e-003	6.3610e-003
tblFleetMix	MDV	0.12	1.2050e-003
tblFleetMix	MH	8.2700e-004	9.9700e-004
tblFleetMix	MHD	0.02	0.03
tblFleetMix	OBUS	2.6010e-003	3.1350e-003
tblFleetMix	SBUS	7.0900e-004	8.5500e-004
tblFleetMix	UBUS	1.8620e-003	2.2440e-003
tblLandUse	LandUseSquareFeet	544,200.00	544,195.00
tblLandUse	LandUseSquareFeet	1,215,640.00	1,215,638.00
tblLandUse	LandUseSquareFeet	2,178.00	2,003.76
tblLandUse	LotAcreage	27.91	9.43
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	11.23	4.21
tblVehicleTrips	SU_TR	16.74	0.00

	ROG	NOx	CO	SO2	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

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	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Energy	0.4354	3.9583	3.3250	0.0238		0.3008	0.3008		0.3008	0.3008		4,749.9760	4,749.9760	0.0910	0.0871	4,778.2028
Mobile	6.4285	19.9653	78.3765	0.3072	35.9895	0.2576	36.2470	9.6329	0.2390	9.8719		31,253.4687	31,253.4687	1.4272		31,289.1485
Total	19.6650	23.9253	81.8807	0.3310	35.9895	0.5590	36.5485	9.6329	0.5404	10.1734		36,003.8298	36,003.8298	1.5192	0.0871	36,067.7614

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	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Energy	0.2438	2.2159	1.8613	0.0133		0.1684	0.1684		0.1684	0.1684		2,659.0569	2,659.0569	0.0510	0.0488	2,674.8584
Mobile	6.4285	19.9653	78.3765	0.3072	35.9895	0.2576	36.2470	9.6329	0.2390	9.8719		31,253.4687	31,253.4687	1.4272		31,289.1485
Total	19.4734	22.1828	80.4171	0.3205	35.9895	0.4266	36.4161	9.6329	0.4080	10.0410		33,912.9107	33,912.9107	1.4792	0.0488	33,964.4170

	ROG	NOx	CO	SO2	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	0.97	7.28	1.79	3.16	0.00	23.69	0.36	0.00	24.50	1.30	0.00	5.81	5.81	2.64	44.02	5.83

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Trenching	Trenching	10/16/2018	10/16/2018	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 9.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

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

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
Trenching			0.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Trenching - 2018

Unmitigated Construction Off-Site

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

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Mitigated	6.4285	19.9653	78.3765	0.3072	35.9895	0.2576	36.2470	9.6329	0.2390	9.8719			31,253.4687	31,253.4687	1.4272		31,289.1485
Unmitigated	6.4285	19.9653	78.3765	0.3072	35.9895	0.2576	36.2470	9.6329	0.2390	9.8719			31,253.4687	31,253.4687	1.4272		31,289.1485

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Junior College (2Yr)	5,610.70	2,291.08	244.89	13,198,742	13,198,742
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	5,610.70	2,291.08	244.89	13,198,742	13,198,742

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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Junior College (2Yr)	16.60	8.40	6.90	6.40	88.60	5.00	92	7	1
Unenclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Junior College (2Yr)	0.904015	0.012054	0.012054	0.001205	0.012054	0.007613	0.025361	0.012054	0.003135	0.002244	0.006361	0.000855	0.000997
Unenclosed Parking with Elevator	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2438	2.2159	1.8613	0.0133		0.1684	0.1684		0.1684	0.1684		2,659.0569	2,659.0569	0.0510	0.0488	2,674.8584
NaturalGas Unmitigated	0.4354	3.9583	3.3250	0.0238		0.3008	0.3008		0.3008	0.3008		4,749.9760	4,749.9760	0.0910	0.0871	4,778.2028

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
Junior College (2Yr)	40374.8	0.4354	3.9583	3.3250	0.0238		0.3008	0.3008		0.3008	0.3008		4,749.9760	4,749.9760	0.0910	0.0871	4,778.2028
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Total		0.4354	3.9583	3.3250	0.0238		0.3008	0.3008		0.3008	0.3008		4,749.9760	4,749.9760	0.0910	0.0871	4,778.2028
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Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
Junior College (2Yr)	22.602	0.2438	2.2159	1.8613	0.0133		0.1684	0.1684		0.1684	0.1684		2,659.0569	2,659.0569	0.0510	0.0488	2,674.8584
Unenclosed Parking with Elevators	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		0.2438	2.2159	1.8613	0.0133		0.1684	0.1684		0.1684	0.1684		2,659.0569	2,659.0569	0.0510	0.0488	2,674.8584

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	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Unmitigated	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102

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	1.5789					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.2057					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0165	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Total	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102

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	1.5789					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.2057					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0165	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102
Total	12.8011	1.6200e-003	0.1792	1.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004		0.3852	0.3852	1.0000e-003		0.4102

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation
