

Unmitigated Safari Highland Ranch Project - San Diego County, Summer

**Unmitigated Safari Highland Ranch Project
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	6.85	1000sqft	0.16	6,850.00	0
Parking Lot	1.00	Acre	1.00	43,560.00	0
City Park	13.30	Acre	13.30	579,348.00	0
Health Club	7.50	1000sqft	0.17	7,500.00	0
Single Family Housing	550.00	Dwelling Unit	350.30	990,000.00	1573

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	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 - Lot acreage per project applicant. Land use types are as follows: fire station (government office building); soft surface trails, private pocket roads, and private recreation area (city park); and recreational center building (health club)

Construction Phase - Unmitigated Operational Only - No Construction

Off-road Equipment -

Trips and VMT - Per construction questionnaire.

Demolition -

Grading - Per construction questionnaire.

Architectural Coating - No parking lots in Phases 2-4.

Vehicle Trips - per Traffic Report.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves -

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - Per SDAPCD Rule 55.

Mobile Land Use Mitigation -

Energy Mitigation - Reductions per Title 24 and RPS.

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	240.00	0.00
tblFleetMix	FleetMixLandUseSubType	Government Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	Parking Lot	Government Office Building
tblFleetMix	FleetMixLandUseSubType	City Park	Health Club
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tblLandUse	LotAcreage	178.57	350.30
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tblVehicleTrips	WD_TR	1.89	2.80
tblVehicleTrips	WD_TR	68.93	20.15
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	9.52	10.43

2.0 Emissions Summary

*Note: no construction this run, operations only

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	873.2022	16.9600	1,084.344 1	1.8848		145.9304	145.9304		145.9304	145.9304	15,274.45 19	6,487.592 4	21,762.044 3	14.1740	1.2015	22,474.42 77
Energy	0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.828 2	5,123.8282	0.0982	0.0939	5,154.276 6
Mobile	10.1650	40.0456	143.0917	0.5762	56.9409	0.4235	57.3644	15.2151	0.3940	15.6091		58,716.68 87	58,716.688 7	2.6719		58,783.48 57

Total	883.8369	61.0229	1,229.1705	2.4866	56.9409	146.6785	203.6193	15.2151	146.6490	161.8641	15,274.4519	70,328.1093	85,602.5612	16.9441	1.2954	86,412.1900
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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	873.2022	16.9600	1,084.3441	1.8848		145.9304	145.9304		145.9304	145.9304	15,274.4519	6,487.5924	21,762.0443	14.1740	1.2015	22,474.4277
Energy	0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979
Mobile	10.1109	39.7971	141.8324	0.5707	56.3715	0.4196	56.7911	15.0630	0.3904	15.4533		58,152.4635	58,152.4635	2.6481		58,218.6657
Total	883.6191	59.3745	1,227.3089	2.4722	56.3715	146.5615	202.9329	15.0630	146.5322	161.5952	15,274.4519	67,977.9185	83,252.3704	16.8861	1.2626	84,050.7913

	ROG	NOx	CO	SO2	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	0.02	2.70	0.15	0.58	1.00	0.08	0.34	1.00	0.08	0.17	0.00	3.34	2.75	0.34	2.53	2.73

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.1109	39.7971	141.8324	0.5707	56.3715	0.4196	56.7911	15.0630	0.3904	15.4533		58,152.4635	58,152.4635	2.6481		58,218.6657

Unmitigated	10.1650	40.0456	143.0917	0.5762	56.9409	0.4235	57.3644	15.2151	0.3940	15.6091		58,716.68	58,716.688	2.6719		58,783.48
												87	7			57

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	37.24	37.24	37.24	140,497	139,092
Government Office Building	138.03	138.03	138.03	417,870	413,692
Health Club	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	5,736.50	5,736.50	5,736.50	26,302,836	26,039,808
Total	5,911.77	5,911.77	5,911.77	26,861,204	26,592,592

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	14.19	14.19	14.19	33.00	48.00	19.00	66	28	6
Government Office Building	14.19	14.19	14.19	33.00	62.00	5.00	50	34	16
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	14.19	14.19	14.19	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Government Office Building	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Health Club	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Parking Lot	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Single Family Housing	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979
NaturalGas Unmitigated	0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766

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
Government Office Building	380.41	4.1000e-003	0.0373	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.7541	44.7541	8.6000e-004	8.2000e-004	45.0200
Health Club	238.151	2.5700e-003	0.0234	0.0196	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		28.0177	28.0177	5.4000e-004	5.1000e-004	28.1842
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	42934	0.4630	3.9567	1.6837	0.0253		0.3199	0.3199		0.3199	0.3199		5,051.0564	5,051.0564	0.0968	0.0926	5,081.0723

Total		0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766
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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
Government Office Building	0.256759	2.7700e-003	0.0252	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003		30.2069	30.2069	5.8000e-004	5.5000e-004	30.3864
Health Club	0.201588	2.1700e-003	0.0198	0.0166	1.2000e-004		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		23.7162	23.7162	4.5000e-004	4.3000e-004	23.8571
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	27.9135	0.3010	2.5724	1.0947	0.0164		0.2080	0.2080		0.2080	0.2080		3,283.9396	3,283.9396	0.0629	0.0602	3,303.4544
Total		0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979

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	873.2022	16.9600	1,084.3441	1.8848		145.9304	145.9304		145.9304	145.9304	15,274.4519	6,487.5924	21,762.0443	14.1740	1.2015	22,474.4277

Unmitigated	873.2022	16.9600	1,084.344 1	1.8848		145.9304	145.9304		145.9304	145.9304	15,274.45 19	6,487.592 4	21,762.044 3	14.1740	1.2015	22,474.42 77
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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	8.5853					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Consumer Products	21.5384					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Hearth	841.7172	16.4378	1,039.008 5	1.8824		145.6789	145.6789		145.6789	145.6789	15,274.45 19	6,405.882 4	21,680.334 3	14.0958	1.2015	22,390.76 12	
Landscaping	1.3614	0.5222	45.3356	2.4000e-003		0.2516	0.2516		0.2516	0.2516		81.7100	81.7100	0.0783			83.6665
Total	873.2022	16.9600	1,084.344 1	1.8848		145.9305	145.9305		145.9305	145.9305	15,274.45 19	6,487.592 4	21,762.044 3	14.1740	1.2015	22,474.42 77	

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	8.5853					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Consumer Products	21.5384					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Hearth	841.7172	16.4378	1,039.008 5	1.8824		145.6789	145.6789		145.6789	145.6789	15,274.45 19	6,405.882 4	21,680.334 3	14.0958	1.2015	22,390.76 12	
Landscaping	1.3614	0.5222	45.3356	2.4000e-003		0.2516	0.2516		0.2516	0.2516		81.7100	81.7100	0.0783			83.6665

Total	873.2022	16.9600	1,084.344 1	1.8848		145.9305	145.9305		145.9305	145.9305	15,274.45 19	6,487.592 4	21,762.044 3	14.1740	1.2015	22,474.42 77
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7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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



Unmitigated Safari Highland Ranch Project - San Diego County, Winter

Unmitigated Safari Highland Ranch Project
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

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Vehicle Emission Factors -

Vehicle Emission Factors -

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Woodstoves -

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - Per SDAPCD Rule 55.

Mobile Land Use Mitigation -

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tblVehicleTrips	HS_TL	7.30	14.19
tblVehicleTrips	HW_TL	10.80	14.19
tblVehicleTrips	ST_TR	22.75	2.80
tblVehicleTrips	ST_TR	0.00	20.15
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tblVehicleTrips	SU_TR	8.62	10.43
tblVehicleTrips	WD_TR	1.89	2.80
tblVehicleTrips	WD_TR	68.93	20.15
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	9.52	10.43

2.0 Emissions Summary

*Note: no construction this run, operations only

2.2 Overall Operational

Unmitigated Operational

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Mobile	9.8554	41.4799	136.7351	0.5473	56.9409	0.4247	57.3655	15.2151	0.3951	15.6102		55,806.12 82	55,806.128 2	2.6542		55,872.48 25

Total	883.5273	62.4571	1,222.8138	2.4577	56.9409	146.6796	203.6205	15.2151	146.6501	161.8652	15,274.4519	67,417.5488	82,692.0007	16.9264	1.2954	83,501.1868
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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	873.2022	16.9600	1,084.3441	1.8848		145.9304	145.9304		145.9304	145.9304	15,274.4519	6,487.5924	21,762.0443	14.1740	1.2015	22,474.4277
Energy	0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979
Mobile	9.8022	41.2150	135.5861	0.5420	56.3715	0.4208	56.7922	15.0630	0.3915	15.4544		55,268.9566	55,268.9566	2.6310		55,334.7315
Total	883.3104	60.7923	1,221.0626	2.4435	56.3715	146.5626	202.9340	15.0630	146.5333	161.5963	15,274.4519	65,094.4117	80,368.8636	16.8690	1.2626	81,166.8571

	ROG	NOx	CO	SO2	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	0.02	2.67	0.14	0.58	1.00	0.08	0.34	1.00	0.08	0.17	0.00	3.45	2.81	0.34	2.53	2.80

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	CO	SO2	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			
	9.8022	41.2150	135.5861	0.5420	56.3715	0.4208	56.7922	15.0630	0.3915	15.4544	55,268.95	55,268.956	2.6310	55,334.73
Mitigated											66	6		15
Unmitigated	9.8554	41.4799	136.7351	0.5473	56.9409	0.4247	57.3655	15.2151	0.3951	15.6102	55,806.12	55,806.128	2.6542	55,872.48
											82	2		25

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	37.24	37.24	37.24	140,497	139,092
Government Office Building	138.03	138.03	138.03	417,870	413,692
Health Club	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	5,736.50	5,736.50	5,736.50	26,302,836	26,039,808
Total	5,911.77	5,911.77	5,911.77	26,861,204	26,592,592

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	14.19	14.19	14.19	33.00	48.00	19.00	66	28	6
Government Office Building	14.19	14.19	14.19	33.00	62.00	5.00	50	34	16
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	14.19	14.19	14.19	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Government Office Building	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Health Club	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Parking Lot	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Single Family Housing	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979
NaturalGas Unmitigated	0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766

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
Government Office Building	380.41	4.1000e-003	0.0373	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.7541	44.7541	8.6000e-004	8.2000e-004	45.0200
Health Club	238.151	2.5700e-003	0.0234	0.0196	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		28.0177	28.0177	5.4000e-004	5.1000e-004	28.1842
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	42934	0.4630	3.9567	1.6837	0.0253		0.3199	0.3199		0.3199	0.3199		5,051.0564	5,051.0564	0.0968	0.0926	5,081.0723
Total		0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766

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
Government Office Building	0.256759	2.7700e-003	0.0252	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003		30.2069	30.2069	5.8000e-004	5.5000e-004	30.3864
Health Club	0.201588	2.1700e-003	0.0198	0.0166	1.2000e-004		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		23.7162	23.7162	4.5000e-004	4.3000e-004	23.8571
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	27.9135	0.3010	2.5724	1.0947	0.0164		0.2080	0.2080		0.2080	0.2080		3,283.9396	3,283.9396	0.0629	0.0602	3,303.4544
Total		0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979

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	873.2022	16.9600	1,084.3441	1.8848		145.9304	145.9304		145.9304	145.9304	15,274.4519	6,487.5924	21,762.0443	14.1740	1.2015	22,474.4277
Unmitigated	873.2022	16.9600	1,084.3441	1.8848		145.9304	145.9304		145.9304	145.9304	15,274.4519	6,487.5924	21,762.0443	14.1740	1.2015	22,474.4277

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	8.5853					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	841.7172	16.4378	1,039.0085	1.8824		145.6789	145.6789		145.6789	145.6789	15,274.4519	6,405.8824	21,680.3343	14.0958	1.2015	22,390.7612
Landscaping	1.3614	0.5222	45.3356	2.4000e-003		0.2516	0.2516		0.2516	0.2516		81.7100	81.7100	0.0783		83.6665
Total	873.2022	16.9600	1,084.3441	1.8848		145.9305	145.9305		145.9305	145.9305	15,274.4519	6,487.5924	21,762.0443	14.1740	1.2015	22,474.4277

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	8.5853					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	841.7172	16.4378	1,039.0085	1.8824		145.6789	145.6789		145.6789	145.6789	15,274.4519	6,405.8824	21,680.3343	14.0958	1.2015	22,390.7612
Landscaping	1.3614	0.5222	45.3356	2.4000e-003		0.2516	0.2516		0.2516	0.2516		81.7100	81.7100	0.0783		83.6665
Total	873.2022	16.9600	1,084.3441	1.8848		145.9305	145.9305		145.9305	145.9305	15,274.4519	6,487.5924	21,762.0443	14.1740	1.2015	22,474.4277

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

Safari Highland Ranch Project - San Diego County, Summer

Safari Highland Ranch Project - With Hearth Mitigation
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	6.85	1000sqft	0.16	6,850.00	0
Parking Lot	1.00	Acre	1.00	43,560.00	0
City Park	13.30	Acre	13.30	579,348.00	0
Health Club	7.50	1000sqft	0.17	7,500.00	0
Single Family Housing	550.00	Dwelling Unit	350.30	990,000.00	1573

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	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 - Lot acreage per project applicant. Land use types are as follows: fire station (government office building); soft surface trails, private pocket roads, and private recreation area (city park); and recreational center building (health club)

Construction Phase - Dates per project applicant.

Off-road Equipment -

Off-road Equipment - Per construction questionnaire.

Off-road Equipment - Per construction questionnaire.

Off-road Equipment - Per construction questionnaire.
 Off-road Equipment -
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment -
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment -
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Trips and VMT - Per construction questionnaire.
 Demolition -
 Grading - Per construction questionnaire.
 Architectural Coating - No parking lots in Phases 2-4.
 Vehicle Trips - per Traffic Report.
 Vehicle Emission Factors -
 Vehicle Emission Factors -
 Vehicle Emission Factors -
 Woodstoves - No woodstoves. Limited number of fireplaces per MM-AIR-3.
 Area Coating -
 Construction Off-road Equipment Mitigation - Per SDAPCD Rule 55.
 Mobile Land Use Mitigation -
 Energy Mitigation - Reductions per Title 24 and RPS.
 Water Mitigation -
 Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	0.00

tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
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tblConstructionPhase	NumDays	440.00	782.00
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tblConstructionPhase	NumDays	620.00	89.00
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tblFireplaces	FireplaceWoodMass	3,078.40	511.68
tblFireplaces	NumberGas	302.50	518.00
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tblFireplaces	NumberWood	192.50	32.00
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tblGrading	MaterialImported	0.00	722,620.00
tblLandUse	LotAcreage	178.57	350.30
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tblOffRoadEquipment	LoadFactor	0.42	0.36

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tblProjectCharacteristics	OperationalYear	2018	2025
tblTripsAndVMT	HaulingTripLength	20.00	0.20
tblTripsAndVMT	HaulingTripLength	20.00	0.20
tblTripsAndVMT	HaulingTripLength	20.00	0.20
tblTripsAndVMT	HaulingTripLength	20.00	0.20
tblTripsAndVMT	HaulingTripNumber	108,425.00	0.00
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tblTripsAndVMT	HaulingTripNumber	83,142.00	0.00
tblTripsAndVMT	HaulingTripNumber	71,449.00	0.00
tblVehicleTrips	CC_TL	7.30	14.19
tblVehicleTrips	CC_TL	7.30	14.19
tblVehicleTrips	CNW_TL	7.30	14.19
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tblVehicleTrips	CW_TL	9.50	14.19
tblVehicleTrips	CW_TL	9.50	14.19
tblVehicleTrips	HO_TL	7.50	14.19
tblVehicleTrips	HS_TL	7.30	14.19

tblVehicleTrips	HW_TL	10.80	14.19
tblVehicleTrips	ST_TR	22.75	2.80
tblVehicleTrips	ST_TR	0.00	20.15
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	9.91	10.43
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tblVehicleTrips	SU_TR	0.00	20.15
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	8.62	10.43
tblVehicleTrips	WD_TR	1.89	2.80
tblVehicleTrips	WD_TR	68.93	20.15
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	9.52	10.43
tblWoodstoves	NumberCatalytic	27.50	0.00
tblWoodstoves	NumberNoncatalytic	27.50	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	59.5105	340.6116	211.9203	0.4798	22.7517	14.9282	37.6799	2.6802	13.7791	16.4592	0.0000	47,452.4904	47,452.4904	14.2723	0.0000	47,809.2980
2020	178.3023	335.8061	259.6690	0.6535	22.7491	14.5905	32.4998	6.1340	13.5193	17.4857	0.0000	64,375.9858	64,375.9858	14.3720	0.0000	64,735.2858
2021	176.5400	130.2717	142.7516	0.4583	22.7491	3.7879	26.5370	6.1340	3.5976	9.7316	0.0000	46,558.1294	46,558.1294	3.7850	0.0000	46,652.7536

2022	175.2838	120.7690	137.1590	0.4497	22.7491	3.1987	25.9479	6.1340	3.0409	9.1749	0.0000	45,716.21 20	45,716.212 0	3.6798	0.0000	45,808.20 81
2023	130.5094	77.2267	98.7118	0.3287	17.0618	2.0281	19.0900	4.6005	1.9285	6.5290	0.0000	33,430.92 96	33,430.929 6	2.6296	0.0000	33,496.66 88
Maximum	178.3023	340.6116	259.6690	0.6535	22.7517	14.9282	37.6799	6.1340	13.7791	17.4857	0.0000	64,375.98 58	64,375.985 8	14.3720	0.0000	64,735.28 58

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	59.5105	340.6116	211.9203	0.4798	9.3241	14.9282	24.2523	1.8030	13.7791	15.0093	0.0000	47,452.49 03	47,452.490 3	14.2723	0.0000	47,809.29 80
2020	178.3023	335.8061	259.6690	0.6535	22.7491	14.5905	29.1619	6.1340	13.5193	17.1253	0.0000	64,375.98 58	64,375.985 8	14.3720	0.0000	64,735.28 58
2021	176.5400	130.2717	142.7516	0.4583	22.7491	3.7879	26.5370	6.1340	3.5976	9.7316	0.0000	46,558.12 94	46,558.129 4	3.7850	0.0000	46,652.75 36
2022	175.2838	120.7690	137.1590	0.4497	22.7491	3.1987	25.9479	6.1340	3.0409	9.1749	0.0000	45,716.21 20	45,716.212 0	3.6798	0.0000	45,808.20 81
2023	130.5094	77.2267	98.7118	0.3287	17.0618	2.0281	19.0900	4.6005	1.9285	6.5290	0.0000	33,430.92 96	33,430.929 6	2.6296	0.0000	33,496.66 88
Maximum	178.3023	340.6116	259.6690	0.6535	22.7491	14.9282	29.1619	6.1340	13.7791	17.1253	0.0000	64,375.98 58	64,375.985 8	14.3720	0.0000	64,735.28 58

	ROG	NOx	CO	SO2	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	12.43	0.00	11.83	3.42	0.00	3.05	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
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Category	lb/day										lb/day					
Area	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457
Energy	0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766
Mobile	10.1650	40.0456	143.0917	0.5762	56.9409	0.4235	57.3644	15.2151	0.3940	15.6091		58,716.6887	58,716.6887	2.6719		58,783.4857
Total	65.9886	53.4374	219.0380	0.6990	56.9409	5.1488	62.0896	15.2151	5.1193	20.3344	339.4560	74,891.6387	75,231.0947	3.0586	0.3250	75,404.4079

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	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457
Energy	0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979
Mobile	10.1109	39.7971	141.8324	0.5707	56.3715	0.4196	56.7911	15.0630	0.3904	15.4533		58,152.4635	58,152.4635	2.6481		58,218.6657
Total	65.7708	51.7890	217.1765	0.6845	56.3715	5.0318	61.4032	15.0630	5.0025	20.0655	339.4560	72,541.4480	72,880.9040	3.0006	0.2923	73,043.0092

	ROG	NOx	CO	SO2	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	0.33	3.08	0.85	2.07	1.00	2.27	1.11	1.00	2.28	1.32	0.00	3.14	3.12	1.90	10.08	3.13

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2019	6/7/2019	5	5	

2	Phase 1 Grading	Grading	6/15/2019	10/16/2019	5	88
3	Phase 2 Grading	Grading	10/1/2019	1/31/2020	5	89
4	Phase 1 Paving	Paving	10/10/2019	11/8/2019	5	22
5	Phase 1 Building Construction	Building Construction	11/11/2019	11/11/2022	5	785
6	Phase 1 Architectural Coating	Architectural Coating	11/11/2019	11/11/2022	5	785
7	Phase 3 Grading	Grading	2/1/2020	6/1/2020	5	86
8	Phase 2 Paving	Paving	2/2/2020	3/2/2020	5	21
9	Phase 2 Building Construction	Building Construction	3/3/2020	3/3/2023	5	784
10	Phase 2 Architectural Coating	Architectural Coating	3/3/2020	3/3/2023	5	784
11	Phase 4 Grading	Grading	6/1/2020	10/1/2020	5	89
12	Phase 3 Paving	Paving	6/2/2020	7/2/2020	5	23
13	Phase 3 Building Construction	Building Construction	7/3/2020	7/3/2023	5	782
14	Phase 3 Architectural Coating	Architectural Coating	7/3/2020	7/3/2023	5	782
15	Phase 4 Paving	Paving	10/2/2020	11/2/2020	5	22
16	Phase 4 Building Construction	Building Construction	11/3/2020	11/3/2023	5	784
17	Phase 4 Architectural Coating	Architectural Coating	11/3/2020	11/3/2023	5	784

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1

Residential Indoor: 2,004,750; Residential Outdoor: 668,250; Non-Residential Indoor: 21,525; Non-Residential Outdoor: 7,175; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Phase 1 Grading	Crawler Tractors	8	8.00	212	0.43
Phase 1 Grading	Crushing/Proc. Equipment	1	8.00	85	0.78
Phase 1 Grading	Excavators	2	8.00	158	0.38

Phase 1 Grading	Graders	1	8.00	187	0.41
Phase 1 Grading	Off-Highway Tractors	7	8.00	124	0.44
Phase 1 Grading	Off-Highway Trucks	6	8.00	402	0.38
Phase 1 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 1 Grading	Rubber Tired Loaders	3	8.00	203	0.36
Phase 1 Grading	Scrapers	0	8.00	367	0.48
Phase 1 Grading	Skid Steer Loaders	1	8.00	65	0.37
Phase 1 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 Grading	Crawler Tractors	8	8.00	158	0.38
Phase 2 Grading	Crushing/Proc. Equipment	1	8.00	85	0.78
Phase 2 Grading	Excavators	2	8.00	158	0.38
Phase 2 Grading	Graders	1	8.00	187	0.41
Phase 2 Grading	Off-Highway Tractors	7	8.00	124	0.44
Phase 2 Grading	Off-Highway Trucks	6	8.00	402	0.38
Phase 2 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 2 Grading	Rubber Tired Loaders	3	8.00	247	0.40
Phase 2 Grading	Scrapers	0	8.00	367	0.48
Phase 2 Grading	Skid Steer Loaders	1	8.00	65	0.37
Phase 2 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 Paving	Graders	2	8.00	130	0.42
Phase 1 Paving	Pavers	1	8.00	132	0.36
Phase 1 Paving	Paving Equipment	4	8.00	80	0.38
Phase 1 Paving	Rollers	0	8.00	80	0.38
Phase 1 Paving	Surfacing Equipment	1	8.00	263	0.30
Phase 1 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 Building Construction	Cranes	0	7.00	231	0.29
Phase 1 Building Construction	Forklifts	3	8.00	89	0.20
Phase 1 Building Construction	Generator Sets	1	8.00	84	0.74
Phase 1 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 1 Building Construction	Welders	1	8.00	46	0.45

Phase 1 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 3 Grading	Crawler Tractors	8	8.00	158	0.38
Phase 3 Grading	Crushing/Proc. Equipment	1	8.00	85	0.78
Phase 3 Grading	Excavators	2	8.00	158	0.38
Phase 3 Grading	Graders	1	8.00	187	0.41
Phase 3 Grading	Off-Highway Tractors	7	8.00	124	0.44
Phase 3 Grading	Off-Highway Trucks	6	8.00	402	0.38
Phase 3 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Grading	Rubber Tired Loaders	3	8.00	203	0.36
Phase 3 Grading	Scrapers	0	8.00	367	0.48
Phase 3 Grading	Skid Steer Loaders	1	8.00	65	0.37
Phase 3 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 Paving	Graders	2	8.00	130	0.42
Phase 2 Paving	Pavers	1	8.00	132	0.36
Phase 2 Paving	Paving Equipment	4	8.00	80	0.38
Phase 2 Paving	Rollers	0	8.00	80	0.38
Phase 2 Paving	Surfacing Equipment	1	8.00	263	0.30
Phase 2 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 Building Construction	Cranes	0	7.00	231	0.29
Phase 2 Building Construction	Forklifts	3	8.00	89	0.20
Phase 2 Building Construction	Generator Sets	1	8.00	84	0.74
Phase 2 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 2 Building Construction	Welders	1	8.00	46	0.45
Phase 2 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 4 Grading	Crawler Tractors	8	8.00	158	0.38
Phase 4 Grading	Crushing/Proc. Equipment	1	8.00	187	0.41
Phase 4 Grading	Excavators	2	8.00	247	0.40
Phase 4 Grading	Graders	1	8.00	367	0.48
Phase 4 Grading	Off-Highway Tractors	7	8.00	97	0.37
Phase 4 Grading	Off-Highway Trucks	6	8.00	402	0.38

Phase 4 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 4 Grading	Rubber Tired Loaders	3	8.00	203	0.36
Phase 4 Grading	Scrapers	0	8.00	367	0.48
Phase 4 Grading	Skid Steer Loaders	1	8.00	65	0.37
Phase 4 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Paving	Graders	2	8.00	130	0.42
Phase 3 Paving	Pavers	1	8.00	132	0.36
Phase 3 Paving	Paving Equipment	4	8.00	80	0.38
Phase 3 Paving	Rollers	0	8.00	80	0.38
Phase 3 Paving	Surfacing Equipment	1	8.00	263	0.30
Phase 3 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Building Construction	Cranes	0	7.00	231	0.29
Phase 3 Building Construction	Forklifts	3	8.00	89	0.20
Phase 3 Building Construction	Generator Sets	1	8.00	84	0.74
Phase 3 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 3 Building Construction	Welders	1	8.00	46	0.45
Phase 3 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 4 Paving	Graders	2	8.00	130	0.42
Phase 4 Paving	Pavers	1	8.00	132	0.36
Phase 4 Paving	Paving Equipment	4	8.00	80	0.38
Phase 4 Paving	Rollers	0	8.00	80	0.38
Phase 4 Paving	Surfacing Equipment	1	8.00	263	0.30
Phase 4 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 4 Building Construction	Cranes	0	7.00	231	0.29
Phase 4 Building Construction	Forklifts	3	8.00	89	0.20
Phase 4 Building Construction	Generator Sets	1	8.00	84	0.74
Phase 4 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 4 Building Construction	Welders	1	8.00	46	0.45
Phase 4 Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	15.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1 Grading	30	75.00	0.00	0.00	10.80	7.30	0.20	LD_Mix	HDT_Mix	HHDT
Phase 2 Grading	30	75.00	0.00	0.00	10.80	7.30	0.20	LD_Mix	HDT_Mix	HHDT
Phase 1 Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1 Building Construction	8	465.00	163.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1 Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Grading	30	75.00	0.00	0.00	10.80	7.30	0.20	LD_Mix	HDT_Mix	HHDT
Phase 2 Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Building Construction	8	465.00	163.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 4 Grading	30	75.00	0.00	0.00	10.80	7.30	0.20	LD_Mix	HDT_Mix	HHDT
Phase 3 Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Building Construction	8	465.00	163.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 4 Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 4 Building Construction	8	465.00	163.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 4 Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 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					0.6546	0.0000	0.6546	0.0991	0.0000	0.0991			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	0.6546	1.7949	2.4495	0.0991	1.6697	1.7688		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	0.0260	0.9011	0.1945	2.3800e-003	0.0524	3.4000e-003	0.0558	0.0144	3.2500e-003	0.0176		259.6418	259.6418	0.0230		260.2162
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0589	0.0411	0.4641	1.3100e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		130.5300	130.5300	4.1700e-003		130.6342
Total	0.0849	0.9422	0.6586	3.6900e-003	0.1756	4.2800e-003	0.1799	0.0471	4.0600e-003	0.0511		390.1718	390.1718	0.0272		390.8504

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2425	0.0000	0.2425	0.0367	0.0000	0.0367			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	3.5134	35.7830	22.0600	0.0388	0.2425	1.7949	2.0374	0.0367	1.6697	1.7064	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	0.0260	0.9011	0.1945	2.3800e-003	0.0524	3.4000e-003	0.0558	0.0144	3.2500e-003	0.0176		259.6418	259.6418	0.0230		260.2162
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0589	0.0411	0.4641	1.3100e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		130.5300	130.5300	4.1700e-003		130.6342
Total	0.0849	0.9422	0.6586	3.6900e-003	0.1756	4.2800e-003	0.1799	0.0471	4.0600e-003	0.0511		390.1718	390.1718	0.0272		390.8504

3.3 Phase 1 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					18.6793	0.0000	18.6793	2.0169	0.0000	2.0169			0.0000			0.0000
Off-Road	14.2519	162.7263	87.7659	0.2229		6.4933	6.4933		5.9963	5.9963		22,033.9801	22,033.9801	6.8149		22,204.3515
Total	14.2519	162.7263	87.7659	0.2229	18.6793	6.4933	25.1725	2.0169	5.9963	8.0133		22,033.9801	22,033.9801	6.8149		22,204.3515

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2945	0.2055	2.3206	6.5500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		652.6497	652.6497	0.0208		653.1707
Total	0.2945	0.2055	2.3206	6.5500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		652.6497	652.6497	0.0208		653.1707

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9207	0.0000	6.9207	0.7473	0.0000	0.7473			0.0000			0.0000
Off-Road	14.2519	162.7263	87.7659	0.2229		6.4933	6.4933		5.9963	5.9963	0.0000	22,033.9801	22,033.9801	6.8149		22,204.3515
Total	14.2519	162.7263	87.7659	0.2229	6.9207	6.4933	13.4139	0.7473	5.9963	6.7436	0.0000	22,033.9801	22,033.9801	6.8149		22,204.3515

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2945	0.2055	2.3206	6.5500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		652.6497	652.6497	0.0208		653.1707
Total	0.2945	0.2055	2.3206	6.5500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		652.6497	652.6497	0.0208		653.1707

3.4 Phase 2 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					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	14.1695	149.4617	97.5252	0.2079		6.7905	6.7905		6.2698	6.2698		20,549.0810	20,549.0810	6.3451		20,707.7073
Total	14.1695	149.4617	97.5252	0.2079	2.6513	6.7905	9.4418	0.2863	6.2698	6.5561		20,549.0810	20,549.0810	6.3451		20,707.7073

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2945	0.2055	2.3206	6.5500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		652.6497	652.6497	0.0208		653.1707
Total	0.2945	0.2055	2.3206	6.5500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		652.6497	652.6497	0.0208		653.1707

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.9823	0.0000	0.9823	0.1061	0.0000	0.1061			0.0000				0.0000
Off-Road	14.1695	149.4617	97.5252	0.2079		6.7905	6.7905		6.2698	6.2698	0.0000	20,549.0810	20,549.0810	6.3451			20,707.7073
Total	14.1695	149.4617	97.5252	0.2079	0.9823	6.7905	7.7728	0.1061	6.2698	6.3759	0.0000	20,549.0810	20,549.0810	6.3451			20,707.7073

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2945	0.2055	2.3206	6.5500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		652.6497	652.6497	0.0208			653.1707
Total	0.2945	0.2055	2.3206	6.5500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		652.6497	652.6497	0.0208			653.1707

3.4 Phase 2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000				0.0000
Off-Road	13.1626	134.6821	95.8159	0.2078		6.0822	6.0822		5.6149	5.6149		20,110.2625	20,110.2625	6.3383			20,268.7188
Total	13.1626	134.6821	95.8159	0.2078	2.6513	6.0822	8.7335	0.2863	5.6149	5.9012		20,110.2625	20,110.2625	6.3383			20,268.7188

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189			632.5321
Total	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189			632.5321

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9823	0.0000	0.9823	0.1061	0.0000	0.1061			0.0000			0.0000
Off-Road	13.1626	134.6821	95.8159	0.2078		6.0822	6.0822		5.6149	5.6149	0.0000	20,110.2624	20,110.2624	6.3383		20,268.7188
Total	13.1626	134.6821	95.8159	0.2078	0.9823	6.0822	7.0645	0.1061	5.6149	5.7210	0.0000	20,110.2624	20,110.2624	6.3383		20,268.7188

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189		632.5321
Total	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189		632.5321

3.5 Phase 1 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7700	27.9495	21.2764	0.0340		1.6343	1.6343		1.5036	1.5036		3,363.9839	3,363.9839	1.0643		3,390.5921

Paving	0.1191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.8891	27.9495	21.2764	0.0340		1.6343	1.6343		1.5036	1.5036		3,363.9839	3,363.9839	1.0643		3,390.5921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0903	0.0630	0.7117	2.0100e-003	0.1889	1.3500e-003	0.1903	0.0501	1.2400e-003	0.0514		200.1459	200.1459	6.3900e-003		200.3057
Total	0.0903	0.0630	0.7117	2.0100e-003	0.1889	1.3500e-003	0.1903	0.0501	1.2400e-003	0.0514		200.1459	200.1459	6.3900e-003		200.3057

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7700	27.9495	21.2764	0.0340		1.6343	1.6343		1.5036	1.5036	0.0000	3,363.9839	3,363.9839	1.0643		3,390.5921
Paving	0.1191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.8891	27.9495	21.2764	0.0340		1.6343	1.6343		1.5036	1.5036	0.0000	3,363.9839	3,363.9839	1.0643		3,390.5921

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0903	0.0630	0.7117	2.0100e-003	0.1889	1.3500e-003	0.1903	0.0501	1.2400e-003	0.0514		200.1459	200.1459	6.3900e-003		200.3057
Total	0.0903	0.0630	0.7117	2.0100e-003	0.1889	1.3500e-003	0.1903	0.0501	1.2400e-003	0.0514		200.1459	200.1459	6.3900e-003		200.3057

3.6 Phase 1 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	1.9201	15.8227	15.1574	0.0219		1.0671	1.0671		1.0077	1.0077		2,091.7709	2,091.7709	0.4732		2,103.6009
Total	1.9201	15.8227	15.1574	0.0219		1.0671	1.0671		1.0077	1.0077		2,091.7709	2,091.7709	0.4732		2,103.6009

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	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	0.7502	20.2100	5.2176	0.0450	1.1035	0.1406	1.2441	0.3177	0.1345	0.4522	4,825.0711	4,825.0711	0.3725	4,834.3842	
Worker	1.8258	1.2742	14.3877	0.0406	3.8199	0.0272	3.8471	1.0132	0.0251	1.0383	4,046.4283	4,046.4283	0.1292	4,049.6586	
Total	2.5760	21.4842	19.6052	0.0856	4.9233	0.1678	5.0911	1.3309	0.1596	1.4905	8,871.4994	8,871.4994	0.5017	8,884.0428	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9201	15.8227	15.1574	0.0219		1.0671	1.0671		1.0077	1.0077	0.0000	2,091.7709	2,091.7709	0.4732		2,103.6009
Total	1.9201	15.8227	15.1574	0.0219		1.0671	1.0671		1.0077	1.0077	0.0000	2,091.7709	2,091.7709	0.4732		2,103.6009

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7502	20.2100	5.2176	0.0450	1.1035	0.1406	1.2441	0.3177	0.1345	0.4522	4,825.0711	4,825.0711	0.3725			4,834.3842

Worker	1.8258	1.2742	14.3877	0.0406	3.8199	0.0272	3.8471	1.0132	0.0251	1.0383		4,046.4283	4,046.4283	0.1292		4,049.6586
Total	2.5760	21.4842	19.6052	0.0856	4.9233	0.1678	5.0911	1.3309	0.1596	1.4905		8,871.4994	8,871.4994	0.5017		8,884.0428

3.6 Phase 1 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6091	18.3796	4.6824	0.0446	1.1034	0.0899	1.1934	0.3177	0.0860	0.4037		4,792.8533	4,792.8533	0.3536		4,801.6925
Worker	1.7064	1.1497	13.1808	0.0393	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,918.7738	3,918.7738	0.1170		3,921.6991
Total	2.3155	19.5293	17.8632	0.0840	4.9233	0.1167	5.0400	1.3309	0.1107	1.4416		8,711.6271	8,711.6271	0.4706		8,723.3917

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6091	18.3796	4.6824	0.0446	1.1034	0.0899	1.1934	0.3177	0.0860	0.4037		4,792.8533	4,792.8533	0.3536		4,801.6925
Worker	1.7064	1.1497	13.1808	0.0393	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,918.7738	3,918.7738	0.1170		3,921.6991
Total	2.3155	19.5293	17.8632	0.0840	4.9233	0.1167	5.0400	1.3309	0.1107	1.4416		8,711.6271	8,711.6271	0.4706		8,723.3917

3.6 Phase 1 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
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Category	lb/day										lb/day				
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	2,064.4675	2,064.4675	0.4579		2,075.9149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4929	16.5982	4.2299	0.0441	1.1035	0.0349	1.1383	0.3177	0.0333	0.3510		4,749.0367	4,749.0367	0.3393		4,757.5201
Worker	1.6084	1.0450	12.3336	0.0380	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,787.1501	3,787.1501	0.1081		3,789.8521
Total	2.1013	17.6432	16.5634	0.0821	4.9233	0.0613	4.9846	1.3309	0.0577	1.3885		8,536.1868	8,536.1868	0.4474		8,547.3722

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.4929	16.5982	4.2299	0.0441	1.1035	0.0349	1.1383	0.3177	0.0333	0.3510		4,749.0367	4,749.0367	0.3393			4,757.5201
Worker	1.6084	1.0450	12.3336	0.0380	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,787.1501	3,787.1501	0.1081			3,789.8521
Total	2.1013	17.6432	16.5634	0.0821	4.9233	0.0613	4.9846	1.3309	0.0577	1.3885		8,536.1868	8,536.1868	0.4474			8,547.3722

3.6 Phase 1 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	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213		2,065.3570	2,065.3570	0.4538			2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213		2,065.3570	2,065.3570	0.4538			2,076.7020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4584	15.6859	4.0061	0.0437	1.1034	0.0300	1.1334	0.3177	0.0287	0.3463		4,704.4046	4,704.4046	0.3289		4,712.6281
Worker	1.5205	0.9529	11.4687	0.0366	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,648.2028	3,648.2028	0.0991		3,650.6798
Total	1.9789	16.6388	15.4748	0.0803	4.9233	0.0558	4.9791	1.3309	0.0525	1.3833		8,352.6074	8,352.6074	0.4280		8,363.3079

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4584	15.6859	4.0061	0.0437	1.1034	0.0300	1.1334	0.3177	0.0287	0.3463		4,704.4046	4,704.4046	0.3289		4,712.6281
Worker	1.5205	0.9529	11.4687	0.0366	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,648.2028	3,648.2028	0.0991		3,650.6798
Total	1.9789	16.6388	15.4748	0.0803	4.9233	0.0558	4.9791	1.3309	0.0525	1.3833		8,352.6074	8,352.6074	0.4280		8,363.3079

3.7 Phase 1 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.9188					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	40.1852	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3652	0.2548	2.8775	8.1200e-003	0.7640	5.4500e-003	0.7694	0.2026	5.0200e-003	0.2077		809.2857	809.2857	0.0258		809.9317

Total	0.3652	0.2548	2.8775	8.1200e-003	0.7640	5.4500e-003	0.7694	0.2026	5.0200e-003	0.2077		809.2857	809.2857	0.0258		809.9317
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9188					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	40.1852	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3652	0.2548	2.8775	8.1200e-003	0.7640	5.4500e-003	0.7694	0.2026	5.0200e-003	0.2077		809.2857	809.2857	0.0258		809.9317
Total	0.3652	0.2548	2.8775	8.1200e-003	0.7640	5.4500e-003	0.7694	0.2026	5.0200e-003	0.2077		809.2857	809.2857	0.0258		809.9317

3.7 Phase 1 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	39.9188					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	40.1610	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	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398
Total	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9188					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	0.0000	281.4481	281.4481	0.0218		281.9928
Total	40.1610	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	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	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398
Total	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398

3.7 Phase 1 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	39.9188					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	40.1377	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	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704
Total	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9188					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	0.0000	281.4481	281.4481	0.0193		281.9309
Total	40.1377	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	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	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704
Total	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704

3.7 Phase 1 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	39.9188					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	40.1233	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	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360
Total	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9188					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	0.0000	281.4481	281.4481	0.0183		281.9062
Total	40.1233	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	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	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360
Total	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360

3.8 Phase 3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000				0.0000
Off-Road	12.7677	130.0264	94.0892	0.2012		5.9277	5.9277		5.4727	5.4727		19,471.3169	19,471.3169	6.1316			19,624.6071
Total	12.7677	130.0264	94.0892	0.2012	2.6513	5.9277	8.5789	0.2863	5.4727	5.7590		19,471.3169	19,471.3169	6.1316			19,624.6071

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189			632.5321
Total	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189			632.5321

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9823	0.0000	0.9823	0.1061	0.0000	0.1061			0.0000				0.0000
Off-Road	12.7677	130.0264	94.0892	0.2012		5.9277	5.9277		5.4727	5.4727	0.0000	19,471.3169	19,471.3169	6.1316			19,624.6071
Total	12.7677	130.0264	94.0892	0.2012	0.9823	5.9277	6.9100	0.1061	5.4727	5.5788	0.0000	19,471.3169	19,471.3169	6.1316			19,624.6071

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189			632.5321
Total	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189			632.5321

3.9 Phase 2 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	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.1153	3,289.1153	1.0638			3,315.7095

Paving	0.1248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7091	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687			3,289.1153	3,289.1153	1.0638	3,315.7095

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765
Total	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095
Paving	0.1248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7091	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765
Total	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765

3.10 Phase 2 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	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	0.6091	18.3796	4.6824	0.0446	1.1034	0.0899	1.1934	0.3177	0.0860	0.4037	4,792.8533	4,792.8533	0.3536	4,801.6925	
Worker	1.7064	1.1497	13.1808	0.0393	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379	3,918.7738	3,918.7738	0.1170	3,921.6991	
Total	2.3155	19.5293	17.8632	0.0840	4.9233	0.1167	5.0400	1.3309	0.1107	1.4416	8,711.6271	8,711.6271	0.4706	8,723.3917	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6091	18.3796	4.6824	0.0446	1.1034	0.0899	1.1934	0.3177	0.0860	0.4037	4,792.8533	4,792.8533	0.3536			4,801.6925

Worker	1.7064	1.1497	13.1808	0.0393	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,918.7738	3,918.7738	0.1170		3,921.6991
Total	2.3155	19.5293	17.8632	0.0840	4.9233	0.1167	5.0400	1.3309	0.1107	1.4416		8,711.6271	8,711.6271	0.4706		8,723.3917

3.10 Phase 2 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	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4929	16.5982	4.2299	0.0441	1.1035	0.0349	1.1383	0.3177	0.0333	0.3510		4,749.0367	4,749.0367	0.3393		4,757.5201
Worker	1.6084	1.0450	12.3336	0.0380	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,787.1501	3,787.1501	0.1081		3,789.8521
Total	2.1013	17.6432	16.5634	0.0821	4.9233	0.0613	4.9846	1.3309	0.0577	1.3885		8,536.1868	8,536.1868	0.4474		8,547.3722

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4929	16.5982	4.2299	0.0441	1.1035	0.0349	1.1383	0.3177	0.0333	0.3510		4,749.0367	4,749.0367	0.3393		4,757.5201
Worker	1.6084	1.0450	12.3336	0.0380	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,787.1501	3,787.1501	0.1081		3,789.8521
Total	2.1013	17.6432	16.5634	0.0821	4.9233	0.0613	4.9846	1.3309	0.0577	1.3885		8,536.1868	8,536.1868	0.4474		8,547.3722

3.10 Phase 2 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
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Category	lb/day										lb/day				
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	2,065.3570	2,065.3570	0.4538		2,076.7020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4584	15.6859	4.0061	0.0437	1.1034	0.0300	1.1334	0.3177	0.0287	0.3463		4,704.4046	4,704.4046	0.3289		4,712.6281
Worker	1.5205	0.9529	11.4687	0.0366	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,648.2028	3,648.2028	0.0991		3,650.6798
Total	1.9789	16.6388	15.4748	0.0803	4.9233	0.0558	4.9791	1.3309	0.0525	1.3833		8,352.6074	8,352.6074	0.4280		8,363.3079

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4584	15.6859	4.0061	0.0437	1.1034	0.0300	1.1334	0.3177	0.0287	0.3463		4,704.4046	4,704.4046	0.3289		4,712.6281
Worker	1.5205	0.9529	11.4687	0.0366	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,648.2028	3,648.2028	0.0991		3,650.6798
Total	1.9789	16.6388	15.4748	0.0803	4.9233	0.0558	4.9791	1.3309	0.0525	1.3833		8,352.6074	8,352.6074	0.4280		8,363.3079

3.10 Phase 2 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302		2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302		2,066.2431	2,066.2431	0.4497		2,077.4857

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3534	12.3487	3.6697	0.0425	1.1034	0.0146	1.1180	0.3177	0.0139	0.3316		4,585.4677	4,585.4677	0.3012		4,592.9963
Worker	1.4397	0.8702	10.6536	0.0352	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,508.7370	3,508.7370	0.0907		3,511.0044
Total	1.7931	13.2189	14.3232	0.0777	4.9233	0.0399	4.9632	1.3309	0.0372	1.3681		8,094.2047	8,094.2047	0.3919		8,104.0007

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3534	12.3487	3.6697	0.0425	1.1034	0.0146	1.1180	0.3177	0.0139	0.3316		4,585.4677	4,585.4677	0.3012		4,592.9963
Worker	1.4397	0.8702	10.6536	0.0352	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,508.7370	3,508.7370	0.0907		3,511.0044
Total	1.7931	13.2189	14.3232	0.0777	4.9233	0.0399	4.9632	1.3309	0.0372	1.3681		8,094.2047	8,094.2047	0.3919		8,104.0007

3.11 Phase 2 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	39.9311					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	40.1732	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	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398

Total	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0218		281.9928
Total	40.1732	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	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	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398
Total	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398

3.11 Phase 2 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	39.9311					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	40.1500	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	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704
Total	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0193		281.9309
Total	40.1500	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	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	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704
Total	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704

3.11 Phase 2 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	39.9311					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	40.1356	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	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360
Total	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0183		281.9062
Total	40.1356	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	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	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360
Total	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360

3.11 Phase 2 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.9311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	40.1227	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009
Total	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	40.1227	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009
Total	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009

3.12 Phase 4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	13.4174	133.5860	86.6712	0.2063		6.3431	6.3431		5.8427	5.8427		19,958.64 42	19,958.644 2	6.2417		20,114.68 54
Total	13.4174	133.5860	86.6712	0.2063	2.6513	6.3431	8.9943	0.2863	5.8427	6.1289		19,958.64 42	19,958.644 2	6.2417		20,114.68 54

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189		632.5321
Total	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189		632.5321

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9823	0.0000	0.9823	0.1061	0.0000	0.1061			0.0000			0.0000
Off-Road	13.4174	133.5860	86.6712	0.2063		6.3431	6.3431		5.8427	5.8427	0.0000	19,958.64 42	19,958.644 2	6.2417		20,114.68 54
Total	13.4174	133.5860	86.6712	0.2063	0.9823	6.3431	7.3254	0.1061	5.8427	5.9487	0.0000	19,958.64 42	19,958.644 2	6.2417		20,114.68 54

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189		632.5321
Total	0.2752	0.1854	2.1259	6.3400e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		632.0603	632.0603	0.0189		632.5321

3.13 Phase 3 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	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.115 3	3,289.1153	1.0638		3,315.709 5

Paving	0.1139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6982	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687			3,289.1153	3,289.1153	1.0638	3,315.7095

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765
Total	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095
Paving	0.1139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6982	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765
Total	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765

3.14 Phase 3 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	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	0.6091	18.3796	4.6824	0.0446	1.1034	0.0899	1.1934	0.3177	0.0860	0.4037	4,792.8533	4,792.8533	0.3536	4,801.6925	
Worker	1.7064	1.1497	13.1808	0.0393	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379	3,918.7738	3,918.7738	0.1170	3,921.6991	
Total	2.3155	19.5293	17.8632	0.0840	4.9233	0.1167	5.0400	1.3309	0.1107	1.4416	8,711.6271	8,711.6271	0.4706	8,723.3917	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6091	18.3796	4.6824	0.0446	1.1034	0.0899	1.1934	0.3177	0.0860	0.4037	4,792.8533	4,792.8533	0.3536			4,801.6925

Worker	1.7064	1.1497	13.1808	0.0393	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,918.7738	3,918.7738	0.1170		3,921.6991
Total	2.3155	19.5293	17.8632	0.0840	4.9233	0.1167	5.0400	1.3309	0.1107	1.4416		8,711.6271	8,711.6271	0.4706		8,723.3917

3.14 Phase 3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4929	16.5982	4.2299	0.0441	1.1035	0.0349	1.1383	0.3177	0.0333	0.3510		4,749.0367	4,749.0367	0.3393		4,757.5201
Worker	1.6084	1.0450	12.3336	0.0380	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,787.1501	3,787.1501	0.1081		3,789.8521
Total	2.1013	17.6432	16.5634	0.0821	4.9233	0.0613	4.9846	1.3309	0.0577	1.3885		8,536.1868	8,536.1868	0.4474		8,547.3722

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4929	16.5982	4.2299	0.0441	1.1035	0.0349	1.1383	0.3177	0.0333	0.3510		4,749.0367	4,749.0367	0.3393		4,757.5201
Worker	1.6084	1.0450	12.3336	0.0380	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,787.1501	3,787.1501	0.1081		3,789.8521
Total	2.1013	17.6432	16.5634	0.0821	4.9233	0.0613	4.9846	1.3309	0.0577	1.3885		8,536.1868	8,536.1868	0.4474		8,547.3722

3.14 Phase 3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	2,065.3570	2,065.3570	0.4538		2,076.7020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4584	15.6859	4.0061	0.0437	1.1034	0.0300	1.1334	0.3177	0.0287	0.3463		4,704.4046	4,704.4046	0.3289		4,712.6281
Worker	1.5205	0.9529	11.4687	0.0366	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,648.2028	3,648.2028	0.0991		3,650.6798
Total	1.9789	16.6388	15.4748	0.0803	4.9233	0.0558	4.9791	1.3309	0.0525	1.3833		8,352.6074	8,352.6074	0.4280		8,363.3079

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4584	15.6859	4.0061	0.0437	1.1034	0.0300	1.1334	0.3177	0.0287	0.3463		4,704.4046	4,704.4046	0.3289		4,712.6281
Worker	1.5205	0.9529	11.4687	0.0366	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,648.2028	3,648.2028	0.0991		3,650.6798
Total	1.9789	16.6388	15.4748	0.0803	4.9233	0.0558	4.9791	1.3309	0.0525	1.3833		8,352.6074	8,352.6074	0.4280		8,363.3079

3.14 Phase 3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302		2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302		2,066.2431	2,066.2431	0.4497		2,077.4857

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3534	12.3487	3.6697	0.0425	1.1034	0.0146	1.1180	0.3177	0.0139	0.3316		4,585.4677	4,585.4677	0.3012		4,592.9963
Worker	1.4397	0.8702	10.6536	0.0352	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,508.7370	3,508.7370	0.0907		3,511.0044
Total	1.7931	13.2189	14.3232	0.0777	4.9233	0.0399	4.9632	1.3309	0.0372	1.3681		8,094.2047	8,094.2047	0.3919		8,104.0007

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3534	12.3487	3.6697	0.0425	1.1034	0.0146	1.1180	0.3177	0.0139	0.3316		4,585.4677	4,585.4677	0.3012		4,592.9963
Worker	1.4397	0.8702	10.6536	0.0352	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,508.7370	3,508.7370	0.0907		3,511.0044
Total	1.7931	13.2189	14.3232	0.0777	4.9233	0.0399	4.9632	1.3309	0.0372	1.3681		8,094.2047	8,094.2047	0.3919		8,104.0007

3.15 Phase 3 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	40.0332					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	40.2754	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	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398

Total	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	40.0332					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	0.0000	281.4481	281.4481	0.0218		281.9928
Total	40.2754	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	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	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398
Total	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398

3.15 Phase 3 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	40.0332					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	40.2521	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	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704
Total	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	40.0332					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	0.0000	281.4481	281.4481	0.0193		281.9309
Total	40.2521	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	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	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704
Total	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704

3.15 Phase 3 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	40.0332					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	40.2377	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	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198			730.1360
Total	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198			730.1360

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	40.0332					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	0.0000	281.4481	281.4481	0.0183			281.9062
Total	40.2377	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	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	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360
Total	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360

3.15 Phase 3 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	40.0332					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	40.2248	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009
Total	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	40.0332					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	40.2248	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009
Total	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009

3.16 Phase 4 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	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.1153	3,289.1153	1.0638		3,315.7095
Paving	0.1191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7034	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.1153	3,289.1153	1.0638		3,315.7095

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765
Total	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095
Paving	0.1191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7034	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765
Total	0.0844	0.0569	0.6520	1.9500e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		193.8318	193.8318	5.7900e-003		193.9765

3.17 Phase 4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402

Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.122	2,064.1221	0.4647		2,075.740
												1				2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6091	18.3796	4.6824	0.0446	1.1034	0.0899	1.1934	0.3177	0.0860	0.4037		4,792.8533	4,792.8533	0.3536		4,801.6925
Worker	1.7064	1.1497	13.1808	0.0393	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,918.7738	3,918.7738	0.1170		3,921.6991
Total	2.3155	19.5293	17.8632	0.0840	4.9233	0.1167	5.0400	1.3309	0.1107	1.4416		8,711.6271	8,711.6271	0.4706		8,723.3917
												1				7

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.122	2,064.1221	0.4647		2,075.740
												1				2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6091	18.3796	4.6824	0.0446	1.1034	0.0899	1.1934	0.3177	0.0860	0.4037		4,792.8533	4,792.8533	0.3536		4,801.6925
Worker	1.7064	1.1497	13.1808	0.0393	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,918.7738	3,918.7738	0.1170		3,921.6991
Total	2.3155	19.5293	17.8632	0.0840	4.9233	0.1167	5.0400	1.3309	0.1107	1.4416		8,711.6271	8,711.6271	0.4706		8,723.3917

3.17 Phase 4 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	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	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	0.4929	16.5982	4.2299	0.0441	1.1035	0.0349	1.1383	0.3177	0.0333	0.3510	4,749.0367	4,749.0367	0.3393		4,757.5201
Worker	1.6084	1.0450	12.3336	0.0380	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375	3,787.1501	3,787.1501	0.1081		3,789.8521
Total	2.1013	17.6432	16.5634	0.0821	4.9233	0.0613	4.9846	1.3309	0.0577	1.3885	8,536.1868	8,536.1868	0.4474		8,547.3722

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4929	16.5982	4.2299	0.0441	1.1035	0.0349	1.1383	0.3177	0.0333	0.3510	4,749.0367	4,749.0367	0.3393			4,757.5201

Worker	1.6084	1.0450	12.3336	0.0380	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,787.1501	3,787.1501	0.1081		3,789.8521
Total	2.1013	17.6432	16.5634	0.0821	4.9233	0.0613	4.9846	1.3309	0.0577	1.3885		8,536.1868	8,536.1868	0.4474		8,547.3722

3.17 Phase 4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213		2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213		2,065.3570	2,065.3570	0.4538		2,076.7020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4584	15.6859	4.0061	0.0437	1.1034	0.0300	1.1334	0.3177	0.0287	0.3463		4,704.4046	4,704.4046	0.3289		4,712.6281
Worker	1.5205	0.9529	11.4687	0.0366	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,648.2028	3,648.2028	0.0991		3,650.6798
Total	1.9789	16.6388	15.4748	0.0803	4.9233	0.0558	4.9791	1.3309	0.0525	1.3833		8,352.6074	8,352.6074	0.4280		8,363.3079

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538			2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538			2,076.7020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.4584	15.6859	4.0061	0.0437	1.1034	0.0300	1.1334	0.3177	0.0287	0.3463		4,704.4046	4,704.4046	0.3289			4,712.6281
Worker	1.5205	0.9529	11.4687	0.0366	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,648.2028	3,648.2028	0.0991			3,650.6798
Total	1.9789	16.6388	15.4748	0.0803	4.9233	0.0558	4.9791	1.3309	0.0525	1.3833		8,352.6074	8,352.6074	0.4280			8,363.3079

3.17 Phase 4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	2,066.2431	2,066.2431	0.4497		2,077.4857

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3534	12.3487	3.6697	0.0425	1.1034	0.0146	1.1180	0.3177	0.0139	0.3316		4,585.4677	4,585.4677	0.3012		4,592.9963
Worker	1.4397	0.8702	10.6536	0.0352	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,508.7370	3,508.7370	0.0907		3,511.0044
Total	1.7931	13.2189	14.3232	0.0777	4.9233	0.0399	4.9632	1.3309	0.0372	1.3681		8,094.2047	8,094.2047	0.3919		8,104.0007

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.3534	12.3487	3.6697	0.0425	1.1034	0.0146	1.1180	0.3177	0.0139	0.3316		4,585.4677	4,585.4677	0.3012			4,592.9963
Worker	1.4397	0.8702	10.6536	0.0352	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,508.7370	3,508.7370	0.0907			3,511.0044
Total	1.7931	13.2189	14.3232	0.0777	4.9233	0.0399	4.9632	1.3309	0.0372	1.3681		8,094.2047	8,094.2047	0.3919			8,104.0007

3.18 Phase 4 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	39.9311					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	40.1732	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	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398
Total	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0218		281.9928
Total	40.1732	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	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	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398
Total	0.3413	0.2299	2.6362	7.8700e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		783.7548	783.7548	0.0234		784.3398

3.18 Phase 4 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	39.9311					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	40.1500	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	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704

Total	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0193		281.9309
Total	40.1500	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	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	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704
Total	0.3217	0.2090	2.4667	7.6000e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		757.4300	757.4300	0.0216		757.9704

3.18 Phase 4 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	39.9311					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	40.1356	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	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360
Total	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0183		281.9062
Total	40.1356	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	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	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360
Total	0.3041	0.1906	2.2938	7.3200e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		729.6406	729.6406	0.0198		730.1360

3.18 Phase 4 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.9311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	40.1227	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181			702.2009
Total	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181			702.2009

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168			281.8690
Total	40.1227	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168			281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009
Total	0.2880	0.1740	2.1307	7.0400e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		701.7474	701.7474	0.0181		702.2009

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.1109	39.7971	141.8324	0.5707	56.3715	0.4196	56.7911	15.0630	0.3904	15.4533		58,152.4635	58,152.4635	2.6481		58,218.6657
Unmitigated	10.1650	40.0456	143.0917	0.5762	56.9409	0.4235	57.3644	15.2151	0.3940	15.6091		58,716.6887	58,716.6887	2.6719		58,783.4857

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	37.24	37.24	37.24	140,497	139,092

Government Office Building	138.03	138.03	138.03	417,870	413,692
Health Club	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	5,736.50	5,736.50	5,736.50	26,302,836	26,039,808
Total	5,911.77	5,911.77	5,911.77	26,861,204	26,592,592

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	14.19	14.19	14.19	33.00	48.00	19.00	66	28	6
Government Office Building	14.19	14.19	14.19	33.00	62.00	5.00	50	34	16
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	14.19	14.19	14.19	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Parking Lot	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
City Park	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Health Club	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Single Family Housing	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979
NaturalGas Unmitigated	0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766

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
Government Office Building	380.41	4.1000e-003	0.0373	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.7541	44.7541	8.6000e-004	8.2000e-004	45.0200
Health Club	238.151	2.5700e-003	0.0234	0.0196	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		28.0177	28.0177	5.4000e-004	5.1000e-004	28.1842
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	42934	0.4630	3.9567	1.6837	0.0253		0.3199	0.3199		0.3199	0.3199		5,051.0564	5,051.0564	0.0968	0.0926	5,081.0723
Total		0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766

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
Government Office Building	0.256759	2.7700e-003	0.0252	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003		30.2069	30.2069	5.8000e-004	5.5000e-004	30.3864
Health Club	0.201588	2.1700e-003	0.0198	0.0166	1.2000e-004		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		23.7162	23.7162	4.5000e-004	4.3000e-004	23.8571
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	27.9135	0.3010	2.5724	1.0947	0.0164		0.2080	0.2080		0.2080	0.2080		3,283.9396	3,283.9396	0.0629	0.0602	3,303.4544
Total		0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979

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	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457
Unmitigated	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457

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	8.5853					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	23.8689	8.8523	28.8761	0.0948		4.1492	4.1492		4.1492	4.1492	339.4560	10,969.418	11,308.8678	0.2103	0.2311	11,382.9792
Landscaping	1.3614	0.5222	45.3356	2.4000e-003		0.2516	0.2516		0.2516	0.2516		81.7100	81.7100	0.0783		83.6665
Total	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457

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	8.5853					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	23.8689	8.8523	28.8761	0.0948		4.1492	4.1492		4.1492	4.1492	339.4560	10,969.418	11,308.8678	0.2103	0.2311	11,382.9792
Landscaping	1.3614	0.5222	45.3356	2.4000e-003		0.2516	0.2516		0.2516	0.2516		81.7100	81.7100	0.0783		83.6665
Total	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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

Safari Highland Ranch Project - San Diego County, Winter

Safari Highland Ranch Project - With Hearth Mitigation
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	6.85	1000sqft	0.16	6,850.00	0
Parking Lot	1.00	Acre	1.00	43,560.00	0
City Park	13.30	Acre	13.30	579,348.00	0
Health Club	7.50	1000sqft	0.17	7,500.00	0
Single Family Housing	550.00	Dwelling Unit	350.30	990,000.00	1573

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	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 - Lot acreage per project applicant. Land use types are as follows: fire station (government office building); soft surface trails, private pocket roads, and private recreation area (city park); and recreational center building (health club)

Construction Phase - Dates per project applicant.

Off-road Equipment -

Off-road Equipment - Per construction questionnaire.

Off-road Equipment - Per construction questionnaire.

Off-road Equipment - Per construction questionnaire.
 Off-road Equipment -
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment -
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment -
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Off-road Equipment - Per construction questionnaire.
 Trips and VMT - Per construction questionnaire.
 Demolition -
 Grading - Per construction questionnaire.
 Architectural Coating - No parking lots in Phases 2-4.
 Vehicle Trips - per Traffic Report.
 Vehicle Emission Factors -
 Vehicle Emission Factors -
 Vehicle Emission Factors -
 Woodstoves - No woodstoves. Limited number of fireplaces per MM-AIR-3.
 Area Coating -
 Construction Off-road Equipment Mitigation - Per SDAPCD Rule 55.
 Mobile Land Use Mitigation -
 Energy Mitigation - Reductions per Title 24 and RPS.
 Water Mitigation -
 Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	0.00

tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	440.00	784.00
tblConstructionPhase	NumDays	440.00	782.00
tblConstructionPhase	NumDays	440.00	784.00
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tblFireplaces	NumberGas	302.50	518.00
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tblFireplaces	NumberWood	192.50	32.00
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tblOffRoadEquipment	LoadFactor	0.42	0.36

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblTripsAndVMT	HaulingTripLength	20.00	0.20
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tblTripsAndVMT	HaulingTripNumber	108,425.00	0.00
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tblTripsAndVMT	HaulingTripNumber	83,142.00	0.00
tblTripsAndVMT	HaulingTripNumber	71,449.00	0.00
tblVehicleTrips	CC_TL	7.30	14.19
tblVehicleTrips	CC_TL	7.30	14.19
tblVehicleTrips	CNW_TL	7.30	14.19
tblVehicleTrips	CNW_TL	7.30	14.19
tblVehicleTrips	CW_TL	9.50	14.19
tblVehicleTrips	CW_TL	9.50	14.19
tblVehicleTrips	HO_TL	7.50	14.19
tblVehicleTrips	HS_TL	7.30	14.19

tblVehicleTrips	HW_TL	10.80	14.19
tblVehicleTrips	ST_TR	22.75	2.80
tblVehicleTrips	ST_TR	0.00	20.15
tblVehicleTrips	ST_TR	20.87	0.00
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tblVehicleTrips	SU_TR	16.74	2.80
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tblVehicleTrips	SU_TR	26.73	0.00
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tblVehicleTrips	WD_TR	68.93	20.15
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tblVehicleTrips	WD_TR	9.52	10.43
tblWoodstoves	NumberCatalytic	27.50	0.00
tblWoodstoves	NumberNoncatalytic	27.50	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	59.8684	340.6699	211.6259	0.4789	22.7517	14.9282	37.6799	2.6802	13.7791	16.4592	0.0000	47,360.3058	47,360.3058	14.2698	0.0000	47,717.0517
2020	179.5033	336.1608	258.6448	0.6446	22.7491	14.5940	32.5032	6.1340	13.5226	17.4890	0.0000	63,475.5002	63,475.5002	14.3993	0.0000	63,835.4824
2021	177.6813	130.7094	141.1195	0.4426	22.7491	3.7935	26.5426	6.1340	3.6029	9.7369	0.0000	44,953.3823	44,953.3823	3.8407	0.0000	45,049.3999

2022	176.3816	121.1157	135.5596	0.4345	22.7491	3.2038	25.9530	6.1340	3.0458	9.1798	0.0000	44,154.3621	44,154.3621	3.7329	0.0000	44,247.6848
2023	131.2938	77.4433	97.3310	0.3177	17.0618	2.0306	19.0924	4.6005	1.9309	6.5314	0.0000	32,303.6159	32,303.6159	2.6600	0.0000	32,370.1166
Maximum	179.5033	340.6699	258.6448	0.6446	22.7517	14.9282	37.6799	6.1340	13.7791	17.4890	0.0000	63,475.5002	63,475.5002	14.3993	0.0000	63,835.4824

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	59.8684	340.6699	211.6259	0.4789	9.3241	14.9282	24.2523	1.8030	13.7791	15.0093	0.0000	47,360.3057	47,360.3057	14.2698	0.0000	47,717.0517
2020	179.5033	336.1608	258.6448	0.6446	22.7491	14.5940	29.1653	6.1340	13.5226	17.1285	0.0000	63,475.5002	63,475.5002	14.3993	0.0000	63,835.4824
2021	177.6813	130.7094	141.1195	0.4426	22.7491	3.7935	26.5426	6.1340	3.6029	9.7369	0.0000	44,953.3823	44,953.3823	3.8407	0.0000	45,049.3999
2022	176.3816	121.1157	135.5596	0.4345	22.7491	3.2038	25.9530	6.1340	3.0458	9.1798	0.0000	44,154.3621	44,154.3621	3.7329	0.0000	44,247.6848
2023	131.2938	77.4433	97.3310	0.3177	17.0618	2.0306	19.0924	4.6005	1.9309	6.5314	0.0000	32,303.6159	32,303.6159	2.6600	0.0000	32,370.1166
Maximum	179.5033	340.6699	258.6448	0.6446	22.7491	14.9282	29.1653	6.1340	13.7791	17.1285	0.0000	63,475.5002	63,475.5002	14.3993	0.0000	63,835.4824

	ROG	NOx	CO	SO2	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	12.43	0.00	11.83	3.42	0.00	3.05	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
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Category	lb/day										lb/day					
Area	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457
Energy	0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766
Mobile	9.8554	41.4799	136.7351	0.5473	56.9409	0.4247	57.3655	15.2151	0.3951	15.6102		55,806.1282	55,806.1282	2.6542		55,872.4825
Total	65.6789	54.8717	212.6814	0.6701	56.9409	5.1499	62.0908	15.2151	5.1204	20.3355	339.4560	71,981.0782	72,320.5342	3.0409	0.3250	72,493.4047

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	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457
Energy	0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979
Mobile	9.8022	41.2150	135.5861	0.5420	56.3715	0.4208	56.7922	15.0630	0.3915	15.4544		55,268.9566	55,268.9566	2.6310		55,334.7315
Total	65.4621	53.2068	210.9302	0.6558	56.3715	5.0329	61.4043	15.0630	5.0036	20.0666	339.4560	69,657.9411	69,997.3971	2.9835	0.2923	70,159.0751

	ROG	NOx	CO	SO2	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	0.33	3.03	0.82	2.12	1.00	2.27	1.11	1.00	2.28	1.32	0.00	3.23	3.21	1.89	10.08	3.22

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2019	6/7/2019	5	5	

2	Phase 1 Grading	Grading	6/15/2019	10/16/2019	5	88
3	Phase 2 Grading	Grading	10/1/2019	1/31/2020	5	89
4	Phase 1 Paving	Paving	10/10/2019	11/8/2019	5	22
5	Phase 1 Building Construction	Building Construction	11/11/2019	11/11/2022	5	785
6	Phase 1 Architectural Coating	Architectural Coating	11/11/2019	11/11/2022	5	785
7	Phase 3 Grading	Grading	2/1/2020	6/1/2020	5	86
8	Phase 2 Paving	Paving	2/2/2020	3/2/2020	5	21
9	Phase 2 Building Construction	Building Construction	3/3/2020	3/3/2023	5	784
10	Phase 2 Architectural Coating	Architectural Coating	3/3/2020	3/3/2023	5	784
11	Phase 4 Grading	Grading	6/1/2020	10/1/2020	5	89
12	Phase 3 Paving	Paving	6/2/2020	7/2/2020	5	23
13	Phase 3 Building Construction	Building Construction	7/3/2020	7/3/2023	5	782
14	Phase 3 Architectural Coating	Architectural Coating	7/3/2020	7/3/2023	5	782
15	Phase 4 Paving	Paving	10/2/2020	11/2/2020	5	22
16	Phase 4 Building Construction	Building Construction	11/3/2020	11/3/2023	5	784
17	Phase 4 Architectural Coating	Architectural Coating	11/3/2020	11/3/2023	5	784

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1

Residential Indoor: 2,004,750; Residential Outdoor: 668,250; Non-Residential Indoor: 21,525; Non-Residential Outdoor: 7,175; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Phase 1 Grading	Crawler Tractors	8	8.00	212	0.43
Phase 1 Grading	Crushing/Proc. Equipment	1	8.00	85	0.78
Phase 1 Grading	Excavators	2	8.00	158	0.38

Phase 1 Grading	Graders	1	8.00	187	0.41
Phase 1 Grading	Off-Highway Tractors	7	8.00	124	0.44
Phase 1 Grading	Off-Highway Trucks	6	8.00	402	0.38
Phase 1 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 1 Grading	Rubber Tired Loaders	3	8.00	203	0.36
Phase 1 Grading	Scrapers	0	8.00	367	0.48
Phase 1 Grading	Skid Steer Loaders	1	8.00	65	0.37
Phase 1 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 Grading	Crawler Tractors	8	8.00	158	0.38
Phase 2 Grading	Crushing/Proc. Equipment	1	8.00	85	0.78
Phase 2 Grading	Excavators	2	8.00	158	0.38
Phase 2 Grading	Graders	1	8.00	187	0.41
Phase 2 Grading	Off-Highway Tractors	7	8.00	124	0.44
Phase 2 Grading	Off-Highway Trucks	6	8.00	402	0.38
Phase 2 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 2 Grading	Rubber Tired Loaders	3	8.00	247	0.40
Phase 2 Grading	Scrapers	0	8.00	367	0.48
Phase 2 Grading	Skid Steer Loaders	1	8.00	65	0.37
Phase 2 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 Paving	Graders	2	8.00	130	0.42
Phase 1 Paving	Pavers	1	8.00	132	0.36
Phase 1 Paving	Paving Equipment	4	8.00	80	0.38
Phase 1 Paving	Rollers	0	8.00	80	0.38
Phase 1 Paving	Surfacing Equipment	1	8.00	263	0.30
Phase 1 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 Building Construction	Cranes	0	7.00	231	0.29
Phase 1 Building Construction	Forklifts	3	8.00	89	0.20
Phase 1 Building Construction	Generator Sets	1	8.00	84	0.74
Phase 1 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 1 Building Construction	Welders	1	8.00	46	0.45

Phase 1 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 3 Grading	Crawler Tractors	8	8.00	158	0.38
Phase 3 Grading	Crushing/Proc. Equipment	1	8.00	85	0.78
Phase 3 Grading	Excavators	2	8.00	158	0.38
Phase 3 Grading	Graders	1	8.00	187	0.41
Phase 3 Grading	Off-Highway Tractors	7	8.00	124	0.44
Phase 3 Grading	Off-Highway Trucks	6	8.00	402	0.38
Phase 3 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Grading	Rubber Tired Loaders	3	8.00	203	0.36
Phase 3 Grading	Scrapers	0	8.00	367	0.48
Phase 3 Grading	Skid Steer Loaders	1	8.00	65	0.37
Phase 3 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 Paving	Graders	2	8.00	130	0.42
Phase 2 Paving	Pavers	1	8.00	132	0.36
Phase 2 Paving	Paving Equipment	4	8.00	80	0.38
Phase 2 Paving	Rollers	0	8.00	80	0.38
Phase 2 Paving	Surfacing Equipment	1	8.00	263	0.30
Phase 2 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 Building Construction	Cranes	0	7.00	231	0.29
Phase 2 Building Construction	Forklifts	3	8.00	89	0.20
Phase 2 Building Construction	Generator Sets	1	8.00	84	0.74
Phase 2 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 2 Building Construction	Welders	1	8.00	46	0.45
Phase 2 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 4 Grading	Crawler Tractors	8	8.00	158	0.38
Phase 4 Grading	Crushing/Proc. Equipment	1	8.00	187	0.41
Phase 4 Grading	Excavators	2	8.00	247	0.40
Phase 4 Grading	Graders	1	8.00	367	0.48
Phase 4 Grading	Off-Highway Tractors	7	8.00	97	0.37
Phase 4 Grading	Off-Highway Trucks	6	8.00	402	0.38

Phase 4 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 4 Grading	Rubber Tired Loaders	3	8.00	203	0.36
Phase 4 Grading	Scrapers	0	8.00	367	0.48
Phase 4 Grading	Skid Steer Loaders	1	8.00	65	0.37
Phase 4 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Paving	Graders	2	8.00	130	0.42
Phase 3 Paving	Pavers	1	8.00	132	0.36
Phase 3 Paving	Paving Equipment	4	8.00	80	0.38
Phase 3 Paving	Rollers	0	8.00	80	0.38
Phase 3 Paving	Surfacing Equipment	1	8.00	263	0.30
Phase 3 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Building Construction	Cranes	0	7.00	231	0.29
Phase 3 Building Construction	Forklifts	3	8.00	89	0.20
Phase 3 Building Construction	Generator Sets	1	8.00	84	0.74
Phase 3 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 3 Building Construction	Welders	1	8.00	46	0.45
Phase 3 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 4 Paving	Graders	2	8.00	130	0.42
Phase 4 Paving	Pavers	1	8.00	132	0.36
Phase 4 Paving	Paving Equipment	4	8.00	80	0.38
Phase 4 Paving	Rollers	0	8.00	80	0.38
Phase 4 Paving	Surfacing Equipment	1	8.00	263	0.30
Phase 4 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 4 Building Construction	Cranes	0	7.00	231	0.29
Phase 4 Building Construction	Forklifts	3	8.00	89	0.20
Phase 4 Building Construction	Generator Sets	1	8.00	84	0.74
Phase 4 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 4 Building Construction	Welders	1	8.00	46	0.45
Phase 4 Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	15.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1 Grading	30	75.00	0.00	0.00	10.80	7.30	0.20	LD_Mix	HDT_Mix	HHDT
Phase 2 Grading	30	75.00	0.00	0.00	10.80	7.30	0.20	LD_Mix	HDT_Mix	HHDT
Phase 1 Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1 Building Construction	8	465.00	163.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1 Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Grading	30	75.00	0.00	0.00	10.80	7.30	0.20	LD_Mix	HDT_Mix	HHDT
Phase 2 Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Building Construction	8	465.00	163.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 4 Grading	30	75.00	0.00	0.00	10.80	7.30	0.20	LD_Mix	HDT_Mix	HHDT
Phase 3 Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Building Construction	8	465.00	163.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 4 Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 4 Building Construction	8	465.00	163.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 4 Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 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					0.6546	0.0000	0.6546	0.0991	0.0000	0.0991			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	0.6546	1.7949	2.4495	0.0991	1.6697	1.7688		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	0.0268	0.9104	0.2085	2.3400e-003	0.0524	3.4800e-003	0.0559	0.0144	3.3300e-003	0.0177		255.2727	255.2727	0.0238		255.8679
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0666	0.0462	0.4386	1.2300e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		122.5371	122.5371	3.9500e-003		122.6359
Total	0.0934	0.9565	0.6471	3.5700e-003	0.1756	4.3600e-003	0.1800	0.0471	4.1400e-003	0.0512		377.8097	377.8097	0.0278		378.5038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2425	0.0000	0.2425	0.0367	0.0000	0.0367			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	3.5134	35.7830	22.0600	0.0388	0.2425	1.7949	2.0374	0.0367	1.6697	1.7064	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	0.0268	0.9104	0.2085	2.3400e-003	0.0524	3.4800e-003	0.0559	0.0144	3.3300e-003	0.0177		255.2727	255.2727	0.0238		255.8679
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0666	0.0462	0.4386	1.2300e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		122.5371	122.5371	3.9500e-003		122.6359
Total	0.0934	0.9565	0.6471	3.5700e-003	0.1756	4.3600e-003	0.1800	0.0471	4.1400e-003	0.0512		377.8097	377.8097	0.0278		378.5038

3.3 Phase 1 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					18.6793	0.0000	18.6793	2.0169	0.0000	2.0169			0.0000			0.0000
Off-Road	14.2519	162.7263	87.7659	0.2229		6.4933	6.4933		5.9963	5.9963		22,033.9801	22,033.9801	6.8149		22,204.3515
Total	14.2519	162.7263	87.7659	0.2229	18.6793	6.4933	25.1725	2.0169	5.9963	8.0133		22,033.9801	22,033.9801	6.8149		22,204.3515

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3331	0.2308	2.1930	6.1500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		612.6853	612.6853	0.0198			613.1796
Total	0.3331	0.2308	2.1930	6.1500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		612.6853	612.6853	0.0198			613.1796

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.9207	0.0000	6.9207	0.7473	0.0000	0.7473			0.0000				0.0000
Off-Road	14.2519	162.7263	87.7659	0.2229		6.4933	6.4933		5.9963	5.9963	0.0000	22,033.9801	22,033.9801	6.8149			22,204.3515
Total	14.2519	162.7263	87.7659	0.2229	6.9207	6.4933	13.4139	0.7473	5.9963	6.7436	0.0000	22,033.9801	22,033.9801	6.8149			22,204.3515

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3331	0.2308	2.1930	6.1500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		612.6853	612.6853	0.0198		613.1796
Total	0.3331	0.2308	2.1930	6.1500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		612.6853	612.6853	0.0198		613.1796

3.4 Phase 2 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					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	14.1695	149.4617	97.5252	0.2079		6.7905	6.7905		6.2698	6.2698		20,549.0810	20,549.0810	6.3451		20,707.7073
Total	14.1695	149.4617	97.5252	0.2079	2.6513	6.7905	9.4418	0.2863	6.2698	6.5561		20,549.0810	20,549.0810	6.3451		20,707.7073

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3331	0.2308	2.1930	6.1500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		612.6853	612.6853	0.0198		613.1796
Total	0.3331	0.2308	2.1930	6.1500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		612.6853	612.6853	0.0198		613.1796

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9823	0.0000	0.9823	0.1061	0.0000	0.1061			0.0000				0.0000
Off-Road	14.1695	149.4617	97.5252	0.2079		6.7905	6.7905		6.2698	6.2698	0.0000	20,549.0810	20,549.0810	6.3451			20,707.7073
Total	14.1695	149.4617	97.5252	0.2079	0.9823	6.7905	7.7728	0.1061	6.2698	6.3759	0.0000	20,549.0810	20,549.0810	6.3451			20,707.7073

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3331	0.2308	2.1930	6.1500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		612.6853	612.6853	0.0198		613.1796
Total	0.3331	0.2308	2.1930	6.1500e-003	0.6161	4.3900e-003	0.6205	0.1634	4.0500e-003	0.1675		612.6853	612.6853	0.0198		613.1796

3.4 Phase 2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	13.1626	134.6821	95.8159	0.2078		6.0822	6.0822		5.6149	5.6149		20,110.2625	20,110.2625	6.3383		20,268.7188
Total	13.1626	134.6821	95.8159	0.2078	2.6513	6.0822	8.7335	0.2863	5.6149	5.9012		20,110.2625	20,110.2625	6.3383		20,268.7188

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956
Total	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9823	0.0000	0.9823	0.1061	0.0000	0.1061			0.0000			0.0000
Off-Road	13.1626	134.6821	95.8159	0.2078		6.0822	6.0822		5.6149	5.6149	0.0000	20,110.2624	20,110.2624	6.3383		20,268.7188
Total	13.1626	134.6821	95.8159	0.2078	0.9823	6.0822	7.0645	0.1061	5.6149	5.7210	0.0000	20,110.2624	20,110.2624	6.3383		20,268.7188

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956
Total	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956

3.5 Phase 1 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7700	27.9495	21.2764	0.0340		1.6343	1.6343		1.5036	1.5036		3,363.9839	3,363.9839	1.0643		3,390.5921

Paving	0.1191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.8891	27.9495	21.2764	0.0340		1.6343	1.6343		1.5036	1.5036			3,363.9839	3,363.9839	1.0643	3,390.5921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1021	0.0708	0.6725	1.8900e-003	0.1889	1.3500e-003	0.1903	0.0501	1.2400e-003	0.0514		187.8902	187.8902	6.0600e-003		188.0417
Total	0.1021	0.0708	0.6725	1.8900e-003	0.1889	1.3500e-003	0.1903	0.0501	1.2400e-003	0.0514		187.8902	187.8902	6.0600e-003		188.0417

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7700	27.9495	21.2764	0.0340		1.6343	1.6343		1.5036	1.5036	0.0000	3,363.9839	3,363.9839	1.0643		3,390.5921
Paving	0.1191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.8891	27.9495	21.2764	0.0340		1.6343	1.6343		1.5036	1.5036	0.0000	3,363.9839	3,363.9839	1.0643		3,390.5921

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1021	0.0708	0.6725	1.8900e-003	0.1889	1.3500e-003	0.1903	0.0501	1.2400e-003	0.0514		187.8902	187.8902	6.0600e-003		188.0417
Total	0.1021	0.0708	0.6725	1.8900e-003	0.1889	1.3500e-003	0.1903	0.0501	1.2400e-003	0.0514		187.8902	187.8902	6.0600e-003		188.0417

3.6 Phase 1 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	1.9201	15.8227	15.1574	0.0219		1.0671	1.0671		1.0077	1.0077		2,091.7709	2,091.7709	0.4732		2,103.6009
Total	1.9201	15.8227	15.1574	0.0219		1.0671	1.0671		1.0077	1.0077		2,091.7709	2,091.7709	0.4732		2,103.6009

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	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	0.7825	20.2263	5.7849	0.0439	1.1035	0.1431	1.2465	0.3177	0.1369	0.4545		4,702.5541	4,702.5541	0.3963	4,712.4614
Worker	2.0650	1.4310	13.5963	0.0381	3.8199	0.0272	3.8471	1.0132	0.0251	1.0383		3,798.6489	3,798.6489	0.1226	3,801.7132
Total	2.8475	21.6573	19.3812	0.0820	4.9233	0.1703	5.0936	1.3309	0.1620	1.4928		8,501.2031	8,501.2031	0.5189	8,514.1746

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9201	15.8227	15.1574	0.0219		1.0671	1.0671		1.0077	1.0077	0.0000	2,091.7709	2,091.7709	0.4732		2,103.6009
Total	1.9201	15.8227	15.1574	0.0219		1.0671	1.0671		1.0077	1.0077	0.0000	2,091.7709	2,091.7709	0.4732		2,103.6009

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7825	20.2263	5.7849	0.0439	1.1035	0.1431	1.2465	0.3177	0.1369	0.4545		4,702.5541	4,702.5541	0.3963		4,712.4614

Worker	2.0650	1.4310	13.5963	0.0381	3.8199	0.0272	3.8471	1.0132	0.0251	1.0383		3,798.6489	3,798.6489	0.1226		3,801.7132
Total	2.8475	21.6573	19.3812	0.0820	4.9233	0.1703	5.0936	1.3309	0.1620	1.4928		8,501.2031	8,501.2031	0.5189		8,514.1746

3.6 Phase 1 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6379	18.3648	5.1965	0.0435	1.1034	0.0916	1.1951	0.3177	0.0877	0.4053		4,669.3341	4,669.3341	0.3757		4,678.7273
Worker	1.9326	1.2908	12.4270	0.0369	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,678.7636	3,678.7636	0.1108		3,681.5325
Total	2.5705	19.6556	17.6235	0.0804	4.9233	0.1184	5.0417	1.3309	0.1124	1.4432		8,348.0977	8,348.0977	0.4865		8,360.2598

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647			2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647			2,075.7402

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.6379	18.3648	5.1965	0.0435	1.1034	0.0916	1.1951	0.3177	0.0877	0.4053		4,669.3341	4,669.3341	0.3757			4,678.7273
Worker	1.9326	1.2908	12.4270	0.0369	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,678.7636	3,678.7636	0.1108			3,681.5325
Total	2.5705	19.6556	17.6235	0.0804	4.9233	0.1184	5.0417	1.3309	0.1124	1.4432		8,348.0977	8,348.0977	0.4865			8,360.2598

3.6 Phase 1 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
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Category	lb/day										lb/day				
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	2,064.4675	2,064.4675	0.4579		2,075.9149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5196	16.5540	4.7098	0.0430	1.1035	0.0363	1.1397	0.3177	0.0347	0.3523		4,626.2546	4,626.2546	0.3604		4,635.2646
Worker	1.8239	1.1729	11.5936	0.0357	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,555.1462	3,555.1462	0.1021		3,557.6997
Total	2.3435	17.7270	16.3034	0.0787	4.9233	0.0627	4.9860	1.3309	0.0590	1.3898		8,181.4008	8,181.4008	0.4625		8,192.9643

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5196	16.5540	4.7098	0.0430	1.1035	0.0363	1.1397	0.3177	0.0347	0.3523		4,626.2546	4,626.2546	0.3604		4,635.2646
Worker	1.8239	1.1729	11.5936	0.0357	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,555.1462	3,555.1462	0.1021		3,557.6997
Total	2.3435	17.7270	16.3034	0.0787	4.9233	0.0627	4.9860	1.3309	0.0590	1.3898		8,181.4008	8,181.4008	0.4625		8,192.9643

3.6 Phase 1 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	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213		2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213		2,065.3570	2,065.3570	0.4538		2,076.7020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4833	15.6329	4.4594	0.0425	1.1034	0.0313	1.1347	0.3177	0.0299	0.3475		4,581.9727	4,581.9727	0.3489		4,590.6950
Worker	1.7285	1.0693	10.7578	0.0344	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,424.8440	3,424.8440	0.0935		3,427.1817
Total	2.2118	16.7022	15.2172	0.0769	4.9233	0.0571	4.9804	1.3309	0.0537	1.3845		8,006.8167	8,006.8167	0.4424		8,017.8767

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4833	15.6329	4.4594	0.0425	1.1034	0.0313	1.1347	0.3177	0.0299	0.3475		4,581.9727	4,581.9727	0.3489		4,590.6950
Worker	1.7285	1.0693	10.7578	0.0344	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,424.8440	3,424.8440	0.0935		3,427.1817
Total	2.2118	16.7022	15.2172	0.0769	4.9233	0.0571	4.9804	1.3309	0.0537	1.3845		8,006.8167	8,006.8167	0.4424		8,017.8767

3.7 Phase 1 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.9188						0.0000	0.0000		0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003			0.1288	0.1288		0.1288		281.4481	281.4481	0.0238		282.0423
Total	40.1852	1.8354	1.8413	2.9700e-003			0.1288	0.1288		0.1288		281.4481	281.4481	0.0238		282.0423

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4130	0.2862	2.7193	7.6300e-003	0.7640	5.4500e-003	0.7694	0.2026	5.0200e-003	0.2077		759.7298	759.7298	0.0245		760.3426

Total	0.4130	0.2862	2.7193	7.6300e-003	0.7640	5.4500e-003	0.7694	0.2026	5.0200e-003	0.2077		759.7298	759.7298	0.0245		760.3426
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9188					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	40.1852	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4130	0.2862	2.7193	7.6300e-003	0.7640	5.4500e-003	0.7694	0.2026	5.0200e-003	0.2077		759.7298	759.7298	0.0245		760.3426
Total	0.4130	0.2862	2.7193	7.6300e-003	0.7640	5.4500e-003	0.7694	0.2026	5.0200e-003	0.2077		759.7298	759.7298	0.0245		760.3426

3.7 Phase 1 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	39.9188					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	40.1610	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	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065
Total	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9188					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	0.0000	281.4481	281.4481	0.0218		281.9928
Total	40.1610	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	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	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065
Total	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065

3.7 Phase 1 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	39.9188					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	40.1377	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	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204			711.5399
Total	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204			711.5399

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9188					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	0.0000	281.4481	281.4481	0.0193			281.9309
Total	40.1377	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	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	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399
Total	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399

3.7 Phase 1 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	39.9188					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	40.1233	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	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363
Total	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9188					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	0.0000	281.4481	281.4481	0.0183		281.9062
Total	40.1233	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	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	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363
Total	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363

3.8 Phase 3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	12.7677	130.0264	94.0892	0.2012		5.9277	5.9277		5.4727	5.4727		19,471.3169	19,471.3169	6.1316		19,624.6071
Total	12.7677	130.0264	94.0892	0.2012	2.6513	5.9277	8.5789	0.2863	5.4727	5.7590		19,471.3169	19,471.3169	6.1316		19,624.6071

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956
Total	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9823	0.0000	0.9823	0.1061	0.0000	0.1061			0.0000			0.0000
Off-Road	12.7677	130.0264	94.0892	0.2012		5.9277	5.9277		5.4727	5.4727	0.0000	19,471.3169	19,471.3169	6.1316		19,624.6071
Total	12.7677	130.0264	94.0892	0.2012	0.9823	5.9277	6.9100	0.1061	5.4727	5.5788	0.0000	19,471.3169	19,471.3169	6.1316		19,624.6071

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956
Total	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956

3.9 Phase 2 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	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.1153	3,289.1153	1.0638		3,315.7095

Paving	0.1248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7091	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687			3,289.1153	3,289.1153	1.0638	3,315.7095

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973
Total	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095
Paving	0.1248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7091	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973
Total	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973

3.10 Phase 2 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	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	0.6379	18.3648	5.1965	0.0435	1.1034	0.0916	1.1951	0.3177	0.0877	0.4053	4,669.3341	4,669.3341	0.3757		4,678.7273
Worker	1.9326	1.2908	12.4270	0.0369	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379	3,678.7636	3,678.7636	0.1108		3,681.5325
Total	2.5705	19.6556	17.6235	0.0804	4.9233	0.1184	5.0417	1.3309	0.1124	1.4432	8,348.0977	8,348.0977	0.4865		8,360.2598

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.1221	2,064.1221	0.4647		2,075.7402

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6379	18.3648	5.1965	0.0435	1.1034	0.0916	1.1951	0.3177	0.0877	0.4053	4,669.3341	4,669.3341	0.3757			4,678.7273

Worker	1.9326	1.2908	12.4270	0.0369	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,678.7636	3,678.7636	0.1108		3,681.5325
Total	2.5705	19.6556	17.6235	0.0804	4.9233	0.1184	5.0417	1.3309	0.1124	1.4432		8,348.0977	8,348.0977	0.4865		8,360.2598

3.10 Phase 2 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	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5196	16.5540	4.7098	0.0430	1.1035	0.0363	1.1397	0.3177	0.0347	0.3523		4,626.2546	4,626.2546	0.3604		4,635.2646
Worker	1.8239	1.1729	11.5936	0.0357	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,555.1462	3,555.1462	0.1021		3,557.6997
Total	2.3435	17.7270	16.3034	0.0787	4.9233	0.0627	4.9860	1.3309	0.0590	1.3898		8,181.4008	8,181.4008	0.4625		8,192.9643

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5196	16.5540	4.7098	0.0430	1.1035	0.0363	1.1397	0.3177	0.0347	0.3523		4,626.2546	4,626.2546	0.3604		4,635.2646
Worker	1.8239	1.1729	11.5936	0.0357	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,555.1462	3,555.1462	0.1021		3,557.6997
Total	2.3435	17.7270	16.3034	0.0787	4.9233	0.0627	4.9860	1.3309	0.0590	1.3898		8,181.4008	8,181.4008	0.4625		8,192.9643

3.10 Phase 2 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
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Category	lb/day										lb/day				
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	2,065.3570	2,065.3570	0.4538		2,076.7020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4833	15.6329	4.4594	0.0425	1.1034	0.0313	1.1347	0.3177	0.0299	0.3475		4,581.9727	4,581.9727	0.3489		4,590.6950
Worker	1.7285	1.0693	10.7578	0.0344	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,424.8440	3,424.8440	0.0935		3,427.1817
Total	2.2118	16.7022	15.2172	0.0769	4.9233	0.0571	4.9804	1.3309	0.0537	1.3845		8,006.8167	8,006.8167	0.4424		8,017.8767

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4833	15.6329	4.4594	0.0425	1.1034	0.0313	1.1347	0.3177	0.0299	0.3475		4,581.9727	4,581.9727	0.3489		4,590.6950
Worker	1.7285	1.0693	10.7578	0.0344	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,424.8440	3,424.8440	0.0935		3,427.1817
Total	2.2118	16.7022	15.2172	0.0769	4.9233	0.0571	4.9804	1.3309	0.0537	1.3845		8,006.8167	8,006.8167	0.4424		8,017.8767

3.10 Phase 2 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302		2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302		2,066.2431	2,066.2431	0.4497		2,077.4857

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3731	12.2936	4.0280	0.0414	1.1034	0.0154	1.1188	0.3177	0.0147	0.3323		4,467.3300	4,467.3300	0.3176		4,475.2694
Worker	1.6412	0.9762	9.9714	0.0330	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,294.0424	3,294.0424	0.0855		3,296.1790
Total	2.0143	13.2699	13.9994	0.0744	4.9233	0.0407	4.9640	1.3309	0.0380	1.3688		7,761.3724	7,761.3724	0.4030		7,771.4484

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3731	12.2936	4.0280	0.0414	1.1034	0.0154	1.1188	0.3177	0.0147	0.3323		4,467.3300	4,467.3300	0.3176		4,475.2694
Worker	1.6412	0.9762	9.9714	0.0330	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,294.0424	3,294.0424	0.0855		3,296.1790
Total	2.0143	13.2699	13.9994	0.0744	4.9233	0.0407	4.9640	1.3309	0.0380	1.3688		7,761.3724	7,761.3724	0.4030		7,771.4484

3.11 Phase 2 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	39.9311					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	40.1732	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	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065

Total	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0218		281.9928
Total	40.1732	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	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	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065
Total	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065

3.11 Phase 2 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	39.9311					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	40.1500	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	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399
Total	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0193		281.9309
Total	40.1500	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	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	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399
Total	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399

3.11 Phase 2 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	39.9311					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	40.1356	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	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363
Total	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0183		281.9062
Total	40.1356	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	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	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363
Total	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363

3.11 Phase 2 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.9311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	40.1227	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358
Total	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	40.1227	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358
Total	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358

3.12 Phase 4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000				0.0000
Off-Road	13.4174	133.5860	86.6712	0.2063		6.3431	6.3431		5.8427	5.8427		19,958.64 42	19,958.644 2	6.2417			20,114.68 54
Total	13.4174	133.5860	86.6712	0.2063	2.6513	6.3431	8.9943	0.2863	5.8427	6.1289		19,958.64 42	19,958.644 2	6.2417			20,114.68 54

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179			593.7956
Total	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179			593.7956

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9823	0.0000	0.9823	0.1061	0.0000	0.1061			0.0000			0.0000
Off-Road	13.4174	133.5860	86.6712	0.2063		6.3431	6.3431		5.8427	5.8427	0.0000	19,958.64 42	19,958.644 2	6.2417		20,114.68 54
Total	13.4174	133.5860	86.6712	0.2063	0.9823	6.3431	7.3254	0.1061	5.8427	5.9487	0.0000	19,958.64 42	19,958.644 2	6.2417		20,114.68 54

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956
Total	0.3117	0.2082	2.0044	5.9600e-003	0.6161	4.3200e-003	0.6204	0.1634	3.9800e-003	0.1674		593.3490	593.3490	0.0179		593.7956

3.13 Phase 3 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	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.115 3	3,289.1153	1.0638		3,315.709 5

Paving	0.1139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6982	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.1153	3,289.1153	1.0638		3,315.7095

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973
Total	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095
Paving	0.1139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6982	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973
Total	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973

3.14 Phase 3 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	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	0.6379	18.3648	5.1965	0.0435	1.1034	0.0916	1.1951	0.3177	0.0877	0.4053	4,669.334 1	4,669.3341	0.3757	4,678.727 3	
Worker	1.9326	1.2908	12.4270	0.0369	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379	3,678.763 6	3,678.7636	0.1108	3,681.532 5	
Total	2.5705	19.6556	17.6235	0.0804	4.9233	0.1184	5.0417	1.3309	0.1124	1.4432	8,348.097 7	8,348.0977	0.4865	8,360.259 8	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.122 1	2,064.1221	0.4647		2,075.740 2
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.122 1	2,064.1221	0.4647		2,075.740 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6379	18.3648	5.1965	0.0435	1.1034	0.0916	1.1951	0.3177	0.0877	0.4053		4,669.334 1	4,669.3341	0.3757		4,678.727 3

Worker	1.9326	1.2908	12.4270	0.0369	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,678.7636	3,678.7636	0.1108		3,681.5325
Total	2.5705	19.6556	17.6235	0.0804	4.9233	0.1184	5.0417	1.3309	0.1124	1.4432		8,348.0977	8,348.0977	0.4865		8,360.2598

3.14 Phase 3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5196	16.5540	4.7098	0.0430	1.1035	0.0363	1.1397	0.3177	0.0347	0.3523		4,626.2546	4,626.2546	0.3604		4,635.2646
Worker	1.8239	1.1729	11.5936	0.0357	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,555.1462	3,555.1462	0.1021		3,557.6997
Total	2.3435	17.7270	16.3034	0.0787	4.9233	0.0627	4.9860	1.3309	0.0590	1.3898		8,181.4008	8,181.4008	0.4625		8,192.9643

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579		2,075.9149

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5196	16.5540	4.7098	0.0430	1.1035	0.0363	1.1397	0.3177	0.0347	0.3523		4,626.2546	4,626.2546	0.3604		4,635.2646
Worker	1.8239	1.1729	11.5936	0.0357	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,555.1462	3,555.1462	0.1021		3,557.6997
Total	2.3435	17.7270	16.3034	0.0787	4.9233	0.0627	4.9860	1.3309	0.0590	1.3898		8,181.4008	8,181.4008	0.4625		8,192.9643

3.14 Phase 3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	2,065.3570	2,065.3570	0.4538		2,076.7020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4833	15.6329	4.4594	0.0425	1.1034	0.0313	1.1347	0.3177	0.0299	0.3475		4,581.9727	4,581.9727	0.3489		4,590.6950
Worker	1.7285	1.0693	10.7578	0.0344	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,424.8440	3,424.8440	0.0935		3,427.1817
Total	2.2118	16.7022	15.2172	0.0769	4.9233	0.0571	4.9804	1.3309	0.0537	1.3845		8,006.8167	8,006.8167	0.4424		8,017.8767

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538		2,076.7020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.4833	15.6329	4.4594	0.0425	1.1034	0.0313	1.1347	0.3177	0.0299	0.3475		4,581.9727	4,581.9727	0.3489			4,590.6950
Worker	1.7285	1.0693	10.7578	0.0344	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,424.8440	3,424.8440	0.0935			3,427.1817
Total	2.2118	16.7022	15.2172	0.0769	4.9233	0.0571	4.9804	1.3309	0.0537	1.3845		8,006.8167	8,006.8167	0.4424			8,017.8767

3.14 Phase 3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302		2,066.2431	2,066.2431	0.4497			2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302		2,066.2431	2,066.2431	0.4497			2,077.4857

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3731	12.2936	4.0280	0.0414	1.1034	0.0154	1.1188	0.3177	0.0147	0.3323		4,467.3300	4,467.3300	0.3176		4,475.2694
Worker	1.6412	0.9762	9.9714	0.0330	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,294.0424	3,294.0424	0.0855		3,296.1790
Total	2.0143	13.2699	13.9994	0.0744	4.9233	0.0407	4.9640	1.3309	0.0380	1.3688		7,761.3724	7,761.3724	0.4030		7,771.4484

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3731	12.2936	4.0280	0.0414	1.1034	0.0154	1.1188	0.3177	0.0147	0.3323		4,467.3300	4,467.3300	0.3176		4,475.2694
Worker	1.6412	0.9762	9.9714	0.0330	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,294.0424	3,294.0424	0.0855		3,296.1790
Total	2.0143	13.2699	13.9994	0.0744	4.9233	0.0407	4.9640	1.3309	0.0380	1.3688		7,761.3724	7,761.3724	0.4030		7,771.4484

3.15 Phase 3 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	40.0332					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	40.2754	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	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065

Total	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	40.0332					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	0.0000	281.4481	281.4481	0.0218		281.9928
Total	40.2754	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	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	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065
Total	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065

3.15 Phase 3 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	40.0332					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	40.2521	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	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399
Total	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	40.0332					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	0.0000	281.4481	281.4481	0.0193		281.9309
Total	40.2521	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	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	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399
Total	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399

3.15 Phase 3 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	40.0332					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	40.2377	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	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363
Total	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	40.0332					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	0.0000	281.4481	281.4481	0.0183		281.9062
Total	40.2377	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	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	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363
Total	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363

3.15 Phase 3 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	40.0332					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	40.2248	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358
Total	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	40.0332					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	40.2248	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358
Total	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358

3.16 Phase 4 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	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.1153	3,289.1153	1.0638		3,315.7095
Paving	0.1191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7034	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687		3,289.1153	3,289.1153	1.0638		3,315.7095

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973
Total	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5843	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095
Paving	0.1191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7034	25.8677	21.1540	0.0340		1.4878	1.4878		1.3687	1.3687	0.0000	3,289.1153	3,289.1153	1.0638		3,315.7095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973
Total	0.0956	0.0639	0.6147	1.8300e-003	0.1889	1.3300e-003	0.1903	0.0501	1.2200e-003	0.0513		181.9604	181.9604	5.4800e-003		182.0973

3.17 Phase 4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.1221	2,064.1221	0.4647		2,075.7402

Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714		2,064.122	2,064.1221	0.4647		2,075.740
												1				2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6379	18.3648	5.1965	0.0435	1.1034	0.0916	1.1951	0.3177	0.0877	0.4053		4,669.334 1	4,669.3341	0.3757		4,678.727 3
Worker	1.9326	1.2908	12.4270	0.0369	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,678.763 6	3,678.7636	0.1108		3,681.532 5
Total	2.5705	19.6556	17.6235	0.0804	4.9233	0.1184	5.0417	1.3309	0.1124	1.4432		8,348.097	8,348.0977	0.4865		8,360.259
												7				8

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.122 1	2,064.1221	0.4647		2,075.740 2
Total	1.7231	14.4685	14.9976	0.0219		0.9226	0.9226		0.8714	0.8714	0.0000	2,064.122	2,064.1221	0.4647		2,075.740
												1				2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6379	18.3648	5.1965	0.0435	1.1034	0.0916	1.1951	0.3177	0.0877	0.4053		4,669.3341	4,669.3341	0.3757		4,678.7273
Worker	1.9326	1.2908	12.4270	0.0369	3.8199	0.0268	3.8467	1.0132	0.0247	1.0379		3,678.7636	3,678.7636	0.1108		3,681.5325
Total	2.5705	19.6556	17.6235	0.0804	4.9233	0.1184	5.0417	1.3309	0.1124	1.4432		8,348.0977	8,348.0977	0.4865		8,360.2598

3.17 Phase 4 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	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428		2,064.4675	2,064.4675	0.4579		2,075.9149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	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	0.5196	16.5540	4.7098	0.0430	1.1035	0.0363	1.1397	0.3177	0.0347	0.3523	4,626.2546	4,626.2546	0.3604		4,635.2646
Worker	1.8239	1.1729	11.5936	0.0357	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375	3,555.1462	3,555.1462	0.1021		3,557.6997
Total	2.3435	17.7270	16.3034	0.0787	4.9233	0.0627	4.9860	1.3309	0.0590	1.3898	8,181.4008	8,181.4008	0.4625		8,192.9643

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579			2,075.9149
Total	1.5396	13.1889	14.8402	0.0219		0.7864	0.7864		0.7428	0.7428	0.0000	2,064.4675	2,064.4675	0.4579			2,075.9149

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.5196	16.5540	4.7098	0.0430	1.1035	0.0363	1.1397	0.3177	0.0347	0.3523	4,626.2546	4,626.2546	0.3604				4,635.2646

Worker	1.8239	1.1729	11.5936	0.0357	3.8199	0.0264	3.8463	1.0132	0.0243	1.0375		3,555.1462	3,555.1462	0.1021		3,557.6997
Total	2.3435	17.7270	16.3034	0.0787	4.9233	0.0627	4.9860	1.3309	0.0590	1.3898		8,181.4008	8,181.4008	0.4625		8,192.9643

3.17 Phase 4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213		2,065.3570	2,065.3570	0.4538		2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213		2,065.3570	2,065.3570	0.4538		2,076.7020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4833	15.6329	4.4594	0.0425	1.1034	0.0313	1.1347	0.3177	0.0299	0.3475		4,581.9727	4,581.9727	0.3489		4,590.6950
Worker	1.7285	1.0693	10.7578	0.0344	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,424.8440	3,424.8440	0.0935		3,427.1817
Total	2.2118	16.7022	15.2172	0.0769	4.9233	0.0571	4.9804	1.3309	0.0537	1.3845		8,006.8167	8,006.8167	0.4424		8,017.8767

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538			2,076.7020
Total	1.3799	11.9544	14.7076	0.0219		0.6570	0.6570		0.6213	0.6213	0.0000	2,065.3570	2,065.3570	0.4538			2,076.7020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.4833	15.6329	4.4594	0.0425	1.1034	0.0313	1.1347	0.3177	0.0299	0.3475		4,581.9727	4,581.9727	0.3489			4,590.6950
Worker	1.7285	1.0693	10.7578	0.0344	3.8199	0.0258	3.8457	1.0132	0.0238	1.0370		3,424.8440	3,424.8440	0.0935			3,427.1817
Total	2.2118	16.7022	15.2172	0.0769	4.9233	0.0571	4.9804	1.3309	0.0537	1.3845		8,006.8167	8,006.8167	0.4424			8,017.8767

3.17 Phase 4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	2,066.2431	2,066.2431	0.4497		2,077.4857

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3731	12.2936	4.0280	0.0414	1.1034	0.0154	1.1188	0.3177	0.0147	0.3323		4,467.3300	4,467.3300	0.3176		4,475.2694
Worker	1.6412	0.9762	9.9714	0.0330	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,294.0424	3,294.0424	0.0855		3,296.1790
Total	2.0143	13.2699	13.9994	0.0744	4.9233	0.0407	4.9640	1.3309	0.0380	1.3688		7,761.3724	7,761.3724	0.4030		7,771.4484

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857
Total	1.2653	11.0463	14.6389	0.0219		0.5603	0.5603		0.5302	0.5302	0.0000	2,066.2431	2,066.2431	0.4497		2,077.4857

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3731	12.2936	4.0280	0.0414	1.1034	0.0154	1.1188	0.3177	0.0147	0.3323		4,467.3300	4,467.3300	0.3176		4,475.2694
Worker	1.6412	0.9762	9.9714	0.0330	3.8199	0.0253	3.8452	1.0132	0.0233	1.0365		3,294.0424	3,294.0424	0.0855		3,296.1790
Total	2.0143	13.2699	13.9994	0.0744	4.9233	0.0407	4.9640	1.3309	0.0380	1.3688		7,761.3724	7,761.3724	0.4030		7,771.4484

3.18 Phase 4 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	39.9311					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	40.1732	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	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065
Total	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0218		281.9928
Total	40.1732	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	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	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065
Total	0.3865	0.2582	2.4854	7.3800e-003	0.7640	5.3600e-003	0.7693	0.2026	4.9400e-003	0.2076		735.7527	735.7527	0.0222		736.3065

3.18 Phase 4 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	39.9311					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	40.1500	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	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399

Total	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0193		281.9309
Total	40.1500	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	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	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399
Total	0.3648	0.2346	2.3187	7.1300e-003	0.7640	5.2800e-003	0.7693	0.2026	4.8600e-003	0.2075		711.0292	711.0292	0.0204		711.5399

3.18 Phase 4 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	39.9311					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	40.1356	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	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363
Total	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					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	0.0000	281.4481	281.4481	0.0183		281.9062
Total	40.1356	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	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	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363
Total	0.3457	0.2139	2.1516	6.8700e-003	0.7640	5.1600e-003	0.7691	0.2026	4.7500e-003	0.2074		684.9688	684.9688	0.0187		685.4363

3.18 Phase 4 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.9311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	40.1227	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171			659.2358
Total	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171			659.2358

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.9311					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168			281.8690
Total	40.1227	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168			281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358
Total	0.3283	0.1953	1.9943	6.6100e-003	0.7640	5.0600e-003	0.7690	0.2026	4.6600e-003	0.2073		658.8085	658.8085	0.0171		659.2358

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.8022	41.2150	135.5861	0.5420	56.3715	0.4208	56.7922	15.0630	0.3915	15.4544		55,268.9566	55,268.9566	2.6310		55,334.7315
Unmitigated	9.8554	41.4799	136.7351	0.5473	56.9409	0.4247	57.3655	15.2151	0.3951	15.6102		55,806.1282	55,806.1282	2.6542		55,872.4825

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	37.24	37.24	37.24	140,497	139,092

Government Office Building	138.03	138.03	138.03	417,870	413,692
Health Club	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	5,736.50	5,736.50	5,736.50	26,302,836	26,039,808
Total	5,911.77	5,911.77	5,911.77	26,861,204	26,592,592

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	14.19	14.19	14.19	33.00	48.00	19.00	66	28	6
Government Office Building	14.19	14.19	14.19	33.00	62.00	5.00	50	34	16
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	14.19	14.19	14.19	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Parking Lot	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
City Park	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Health Club	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Single Family Housing	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979
NaturalGas Unmitigated	0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766

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
Government Office Building	380.41	4.1000e-003	0.0373	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.7541	44.7541	8.6000e-004	8.2000e-004	45.0200
Health Club	238.151	2.5700e-003	0.0234	0.0196	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		28.0177	28.0177	5.4000e-004	5.1000e-004	28.1842
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	42934	0.4630	3.9567	1.6837	0.0253		0.3199	0.3199		0.3199	0.3199		5,051.0564	5,051.0564	0.0968	0.0926	5,081.0723
Total		0.4697	4.0173	1.7346	0.0256		0.3245	0.3245		0.3245	0.3245		5,123.8282	5,123.8282	0.0982	0.0939	5,154.2766

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
Government Office Building	0.256759	2.7700e-003	0.0252	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003		30.2069	30.2069	5.8000e-004	5.5000e-004	30.3864
Health Club	0.201588	2.1700e-003	0.0198	0.0166	1.2000e-004		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		23.7162	23.7162	4.5000e-004	4.3000e-004	23.8571
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	27.9135	0.3010	2.5724	1.0947	0.0164		0.2080	0.2080		0.2080	0.2080		3,283.9396	3,283.9396	0.0629	0.0602	3,303.4544
Total		0.3060	2.6174	1.1324	0.0167		0.2114	0.2114		0.2114	0.2114		3,337.8627	3,337.8627	0.0640	0.0612	3,357.6979

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	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457
Unmitigated	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457

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	8.5853					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	23.8689	8.8523	28.8761	0.0948		4.1492	4.1492		4.1492	4.1492	339.4560	10,969.418	11,308.8678	0.2103	0.2311	11,382.9792
Landscaping	1.3614	0.5222	45.3356	2.4000e-003		0.2516	0.2516		0.2516	0.2516		81.7100	81.7100	0.0783		83.6665
Total	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457

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	8.5853					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	23.8689	8.8523	28.8761	0.0948		4.1492	4.1492		4.1492	4.1492	339.4560	10,969.418	11,308.8678	0.2103	0.2311	11,382.9792
Landscaping	1.3614	0.5222	45.3356	2.4000e-003		0.2516	0.2516		0.2516	0.2516		81.7100	81.7100	0.0783		83.6665
Total	55.3539	9.3745	74.2117	0.0972		4.4007	4.4007		4.4007	4.4007	339.4560	11,051.1218	11,390.5778	0.2885	0.2311	11,466.6457

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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