

Del Prado - Total Project
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse	113.00	Dwelling Unit	7.06	113,000.00	323
Parking Lot	274.00	Space	2.47	109,600.00	0
Other Asphalt Surfaces	108.53	1000sqft	2.49	108,530.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2018
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Based on input from Touchstone Communities

Off-road Equipment - Based on input from Touchstone Communities

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Off-road Equipment -

Off-road Equipment - Based on input from Touchstone Communities

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Based on input from Touchstone Communities

Off-road Equipment -

Grading -

Demolition -

Architectural Coating - Area revised based on North/South division. Low-VOC coatings.

Vehicle Trips - KOA 2015

Woodstoves - No Woodburning Devices

Area Coating - Low-VOC Coatings

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	55,909.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	55,909.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	167,727.00	0.00

tblArchitecturalCoating	ConstArea_Nonresidential_Interior	167,727.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	76,275.00	54,675.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	76,275.00	21,600.00
tblArchitecturalCoating	ConstArea_Residential_Interior	228,825.00	164,025.00
tblArchitecturalCoating	ConstArea_Residential_Interior	228,825.00	64,800.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaCoating	Area_Nonresidential_Exterior	55909	0
tblAreaCoating	Area_Nonresidential_Interior	167727	0
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	300.00	261.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	30.00	43.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	300.00	261.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	PhaseEndDate	4/30/2019	7/31/2018
tblConstructionPhase	PhaseEndDate	4/23/2018	4/30/2018
tblConstructionPhase	PhaseEndDate	3/3/2017	3/1/2017
tblConstructionPhase	PhaseEndDate	3/22/2017	4/21/2017
tblConstructionPhase	PhaseEndDate	10/9/2015	1/3/2017
tblConstructionPhase	PhaseEndDate	1/14/2019	1/31/2019

tblConstructionPhase	PhaseEndDate	8/14/2018	1/12/2018
tblConstructionPhase	PhaseEndDate	1/31/2020	4/30/2019
tblConstructionPhase	PhaseStartDate	5/1/2018	8/1/2017
tblConstructionPhase	PhaseStartDate	4/22/2017	5/1/2017
tblConstructionPhase	PhaseStartDate	1/4/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	3/2/2017	4/1/2017
tblConstructionPhase	PhaseStartDate	10/8/2015	1/1/2017
tblConstructionPhase	PhaseStartDate	1/13/2018	2/1/2018
tblConstructionPhase	PhaseStartDate	8/1/2018	1/1/2018
tblConstructionPhase	PhaseStartDate	2/1/2019	5/1/2018
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	62.15	0.00
tblFireplaces	NumberNoFireplace	11.30	113.00
tblFireplaces	NumberWood	39.55	0.00
tblGrading	MaterialExported	0.00	1,966.00
tblGrading	MaterialExported	0.00	80.00
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2018
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	WD_TR	6.59	8.00
tblWoodstoves	NumberCatalytic	5.65	0.00
tblWoodstoves	NumberNoncatalytic	5.65	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	2.1100e-003	0.0225	0.0165	3.0000e-005	1.2700e-003	1.3000e-003	2.5600e-003	2.1000e-004	1.1900e-003	1.4100e-003	0.0000	2.4421	2.4421	6.1000e-004	0.0000	2.4548
2017	0.5712	3.9580	3.8143	6.3200e-003	0.5098	0.2128	0.7226	0.2022	0.2002	0.4024	0.0000	540.7693	540.7693	0.0843	0.0000	542.5404
2018	0.7292	3.5093	4.5905	8.8600e-003	0.3218	0.2088	0.5306	0.0866	0.2001	0.2866	0.0000	720.2593	720.2593	0.0708	0.0000	721.7463
2019	0.0762	0.2822	0.4024	8.2000e-004	0.0316	0.0166	0.0482	8.4700e-003	0.0161	0.0246	0.0000	64.7634	64.7634	5.6500e-003	0.0000	64.8820
Total	1.3787	7.7719	8.8236	0.0160	0.8645	0.4395	1.3040	0.2974	0.4176	0.7150	0.0000	1,328.234 2	1,328.234 2	0.1614	0.0000	1,331.623 5

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3550	9.8400e-003	0.8485	4.0000e-005		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	1.3774	1.3774	1.3800e-003	0.0000	1.4063
Energy	8.4000e-003	0.0718	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003	0.0000	274.7410	274.7410	9.3100e-003	3.1200e-003	275.9036
Mobile	0.5474	1.2950	5.7828	0.0141	0.9706	0.0172	0.9879	0.2596	0.0159	0.2755	0.0000	1,046.6713	1,046.6713	0.0422	0.0000	1,047.5565
Waste						0.0000	0.0000		0.0000	0.0000	10.5515	0.0000	10.5515	0.6236	0.0000	23.6465
Water						0.0000	0.0000		0.0000	0.0000	2.3358	48.1824	50.5182	0.2418	6.0700e-003	57.4773
Total	1.9108	1.3767	6.6619	0.0146	0.9706	0.0277	0.9983	0.2596	0.0263	0.2859	12.8872	1,370.9721	1,383.8594	0.9183	9.1900e-003	1,405.9902

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3550	9.8400e-003	0.8485	4.0000e-005		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	1.3774	1.3774	1.3800e-003	0.0000	1.4063
Energy	6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003	0.0000	256.5673	256.5673	8.9200e-003	2.8100e-003	257.6244
Mobile	0.5471	1.2934	5.7767	0.0141	0.9692	0.0172	0.9864	0.2592	0.0159	0.2751	0.0000	1,045.1350	1,045.1350	0.0421	0.0000	1,046.0190
Waste						0.0000	0.0000		0.0000	0.0000	5.2757	0.0000	5.2757	0.3118	0.0000	11.8233
Water						0.0000	0.0000		0.0000	0.0000	1.8686	37.6760	39.5446	0.1934	4.8500e-003	45.1090
Total	1.9089	1.3610	6.6498	0.0145	0.9692	0.0265	0.9957	0.2592	0.0252	0.2844	7.1443	1,340.7558	1,347.9001	0.5576	7.6600e-003	1,361.9819

	ROG	NOx	CO	SO2	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	0.10	1.14	0.18	0.75	0.15	4.19	0.26	0.15	4.41	0.55	44.56	2.20	2.60	39.27	16.65	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	10/1/2015	10/7/2015	5	5	
2	Site Preparation	Site Preparation	1/1/2017	1/3/2017	5	2	
3	Grading	Grading	1/1/2017	3/1/2017	5	43	
4	North Site Paving	Paving	4/1/2017	4/21/2017	5	15	
5	North Site Building Construction	Building Construction	5/1/2017	4/30/2018	5	261	
6	North Site Architectural Coating	Architectural Coating	8/1/2017	7/31/2018	5	261	
7	South Site Paving	Paving	1/1/2018	1/12/2018	5	10	
8	South Site Building Construction	Building Construction	2/1/2018	1/31/2019	5	261	
9	South Site Architectural Coatings	Architectural Coating	5/1/2018	4/30/2019	5	261	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 129

Acres of Paving: 0

Residential Indoor: 164,025; Residential Outdoor: 54,675; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
North Site Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	1	8.00	162	0.38
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Grading	Excavators	0	8.00	162	0.38
North Site Building Construction	Cranes	0	7.00	226	0.29
North Site Building Construction	Forklifts	2	8.00	89	0.20
North Site Building Construction	Generator Sets	1	8.00	84	0.74
North Site Paving	Pavers	2	8.00	125	0.42
North Site Paving	Rollers	2	8.00	80	0.38

Demolition	Rubber Tired Dozers	0	8.00	255	0.40
Grading	Rubber Tired Dozers	2	8.00	255	0.40
North Site Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Grading	Graders	0	8.00	174	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
North Site Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Scrapers	3	8.00	361	0.48
North Site Building Construction	Welders	0	8.00	46	0.45
South Site Architectural Coatings	Air Compressors	1	6.00	78	0.48
South Site Building Construction	Cranes	0	7.00	226	0.29
South Site Building Construction	Forklifts	2	8.00	89	0.20
South Site Building Construction	Generator Sets	1	8.00	84	0.74
South Site Paving	Pavers	2	8.00	125	0.42
South Site Paving	Paving Equipment	2	8.00	130	0.36
South Site Paving	Rollers	2	8.00	80	0.38
South Site Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
South Site Building Construction	Welders	0	8.00	46	0.45
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
North Site Building Construction	Air Compressors	1	8.00	78	0.48
South Site Building Construction	Air Compressors	1	8.00	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	2	5.00	0.00	10.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	0.00	10.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	246.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Site Building Construction	6	173.00	48.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Site Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Site Architectural Coatings	1	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Site Architectural Coatings	1	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Site Building Construction	6	173.00	48.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Site Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0800e-003	0.0000	1.0800e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9400e-003	0.0207	0.0146	2.0000e-005		1.2700e-003	1.2700e-003		1.1700e-003	1.1700e-003	0.0000	1.9997	1.9997	6.0000e-004	0.0000	2.0122
Total	1.9400e-003	0.0207	0.0146	2.0000e-005	1.0800e-003	1.2700e-003	2.3500e-003	1.6000e-004	1.1700e-003	1.3300e-003	0.0000	1.9997	1.9997	6.0000e-004	0.0000	2.0122

3.2 Demolition - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	1.6900e-003	1.3000e-003	0.0000	9.0000e-005	3.0000e-005	1.1000e-004	2.0000e-005	2.0000e-005	5.0000e-005	0.0000	0.3456	0.3456	0.0000	0.0000	0.3457
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	6.0000e-005	6.0000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0968	0.0968	1.0000e-005	0.0000	0.0969
Total	1.7000e-004	1.7500e-003	1.9000e-003	0.0000	1.9000e-004	3.0000e-005	2.1000e-004	5.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.4424	0.4424	1.0000e-005	0.0000	0.4426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.9000e-004	0.0000	4.9000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9400e-003	0.0207	0.0146	2.0000e-005		1.2700e-003	1.2700e-003		1.1700e-003	1.1700e-003	0.0000	1.9997	1.9997	6.0000e-004	0.0000	2.0122
Total	1.9400e-003	0.0207	0.0146	2.0000e-005	4.9000e-004	1.2700e-003	1.7600e-003	7.0000e-005	1.1700e-003	1.2400e-003	0.0000	1.9997	1.9997	6.0000e-004	0.0000	2.0122

3.2 Demolition - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	1.6900e-003	1.3000e-003	0.0000	9.0000e-005	3.0000e-005	1.1000e-004	2.0000e-005	2.0000e-005	5.0000e-005	0.0000	0.3456	0.3456	0.0000	0.0000	0.3457
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	6.0000e-005	6.0000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0968	0.0968	1.0000e-005	0.0000	0.0969
Total	1.7000e-004	1.7500e-003	1.9000e-003	0.0000	1.9000e-004	3.0000e-005	2.1000e-004	5.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.4424	0.4424	1.0000e-005	0.0000	0.4426

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0121	0.0000	0.0121	6.6200e-003	0.0000	6.6200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0100e-003	0.0325	0.0247	2.0000e-005		1.6800e-003	1.6800e-003		1.5500e-003	1.5500e-003	0.0000	2.2285	2.2285	6.8000e-004	0.0000	2.2429
Total	3.0100e-003	0.0325	0.0247	2.0000e-005	0.0121	1.6800e-003	0.0137	6.6200e-003	1.5500e-003	8.1700e-003	0.0000	2.2285	2.2285	6.8000e-004	0.0000	2.2429

3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-004	1.2900e-003	1.1500e-003	0.0000	9.0000e-005	2.0000e-005	1.0000e-004	2.0000e-005	2.0000e-005	4.0000e-005	0.0000	0.3357	0.3357	0.0000	0.0000	0.3358
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	4.0000e-005	3.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0718	0.0718	0.0000	0.0000	0.0719
Total	1.3000e-004	1.3300e-003	1.5400e-003	0.0000	1.7000e-004	2.0000e-005	1.8000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	0.4076	0.4076	0.0000	0.0000	0.4077

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.4200e-003	0.0000	5.4200e-003	2.9800e-003	0.0000	2.9800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0100e-003	0.0325	0.0247	2.0000e-005		1.6800e-003	1.6800e-003		1.5500e-003	1.5500e-003	0.0000	2.2285	2.2285	6.8000e-004	0.0000	2.2429
Total	3.0100e-003	0.0325	0.0247	2.0000e-005	5.4200e-003	1.6800e-003	7.1000e-003	2.9800e-003	1.5500e-003	4.5300e-003	0.0000	2.2285	2.2285	6.8000e-004	0.0000	2.2429

3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-004	1.2900e-003	1.1500e-003	0.0000	9.0000e-005	2.0000e-005	1.0000e-004	2.0000e-005	2.0000e-005	4.0000e-005	0.0000	0.3357	0.3357	0.0000	0.0000	0.3358
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	4.0000e-005	3.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0718	0.0718	0.0000	0.0000	0.0719
Total	1.3000e-004	1.3300e-003	1.5400e-003	0.0000	1.7000e-004	2.0000e-005	1.8000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	0.4076	0.4076	0.0000	0.0000	0.4077

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3275	0.0000	0.3275	0.1498	0.0000	0.1498	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1486	1.7507	1.1882	1.4800e-003		0.0784	0.0784		0.0722	0.0722	0.0000	137.0502	137.0502	0.0420	0.0000	137.9321
Total	0.1486	1.7507	1.1882	1.4800e-003	0.3275	0.0784	0.4059	0.1498	0.0722	0.2219	0.0000	137.0502	137.0502	0.0420	0.0000	137.9321

3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4100e-003	0.0319	0.0282	9.0000e-005	2.1000e-003	4.1000e-004	2.5100e-003	5.8000e-004	3.8000e-004	9.6000e-004	0.0000	8.2584	8.2584	6.0000e-005	0.0000	8.2596
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-003	1.5900e-003	0.0151	4.0000e-005	3.1000e-003	2.0000e-005	3.1300e-003	8.2000e-004	2.0000e-005	8.5000e-004	0.0000	2.7804	2.7804	1.4000e-004	0.0000	2.7833
Total	3.6100e-003	0.0334	0.0433	1.3000e-004	5.2000e-003	4.3000e-004	5.6400e-003	1.4000e-003	4.0000e-004	1.8100e-003	0.0000	11.0388	11.0388	2.0000e-004	0.0000	11.0430

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1474	0.0000	0.1474	0.0674	0.0000	0.0674	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1486	1.7507	1.1882	1.4800e-003		0.0784	0.0784		0.0722	0.0722	0.0000	137.0501	137.0501	0.0420	0.0000	137.9319
Total	0.1486	1.7507	1.1882	1.4800e-003	0.1474	0.0784	0.2258	0.0674	0.0722	0.1396	0.0000	137.0501	137.0501	0.0420	0.0000	137.9319

3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4100e-003	0.0319	0.0282	9.0000e-005	2.1000e-003	4.1000e-004	2.5100e-003	5.8000e-004	3.8000e-004	9.6000e-004	0.0000	8.2584	8.2584	6.0000e-005	0.0000	8.2596
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-003	1.5900e-003	0.0151	4.0000e-005	3.1000e-003	2.0000e-005	3.1300e-003	8.2000e-004	2.0000e-005	8.5000e-004	0.0000	2.7804	2.7804	1.4000e-004	0.0000	2.7833
Total	3.6100e-003	0.0334	0.0433	1.3000e-004	5.2000e-003	4.3000e-004	5.6400e-003	1.4000e-003	4.0000e-004	1.8100e-003	0.0000	11.0388	11.0388	2.0000e-004	0.0000	11.0430

3.5 North Site Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0143	0.1522	0.1105	1.7000e-004		8.5400e-003	8.5400e-003		7.8500e-003	7.8500e-003	0.0000	15.5201	15.5201	4.7600e-003	0.0000	15.6199
Paving	6.5000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0208	0.1522	0.1105	1.7000e-004		8.5400e-003	8.5400e-003		7.8500e-003	7.8500e-003	0.0000	15.5201	15.5201	4.7600e-003	0.0000	15.6199

3.5 North Site Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	4.6000e-004	4.3800e-003	1.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8082	0.8082	4.0000e-005	0.0000	0.8091
Total	3.5000e-004	4.6000e-004	4.3800e-003	1.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8082	0.8082	4.0000e-005	0.0000	0.8091

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0143	0.1522	0.1105	1.7000e-004		8.5400e-003	8.5400e-003		7.8500e-003	7.8500e-003	0.0000	15.5200	15.5200	4.7600e-003	0.0000	15.6199
Paving	6.5000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0208	0.1522	0.1105	1.7000e-004		8.5400e-003	8.5400e-003		7.8500e-003	7.8500e-003	0.0000	15.5200	15.5200	4.7600e-003	0.0000	15.6199

3.5 North Site Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	4.6000e-004	4.3800e-003	1.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8082	0.8082	4.0000e-005	0.0000	0.8091
Total	3.5000e-004	4.6000e-004	4.3800e-003	1.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8082	0.8082	4.0000e-005	0.0000	0.8091

3.6 North Site Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1741	1.4313	1.1333	1.6700e-003		0.1079	0.1079		0.1030	0.1030	0.0000	148.2612	148.2612	0.0283	0.0000	148.8554
Total	0.1741	1.4313	1.1333	1.6700e-003		0.1079	0.1079		0.1030	0.1030	0.0000	148.2612	148.2612	0.0283	0.0000	148.8554

3.6 North Site Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0437	0.3668	0.5432	1.0000e-003	0.0273	5.2500e-003	0.0326	7.8200e-003	4.8300e-003	0.0126	0.0000	89.0820	89.0820	6.7000e-004	0.0000	89.0961	
Worker	0.0471	0.0623	0.5893	1.4900e-003	0.1214	9.0000e-004	0.1223	0.0323	8.3000e-004	0.0331	0.0000	108.7533	108.7533	5.5300e-003	0.0000	108.8694	
Total	0.0908	0.4291	1.1325	2.4900e-003	0.1487	6.1500e-003	0.1549	0.0401	5.6600e-003	0.0457	0.0000	197.8353	197.8353	6.2000e-003	0.0000	197.9655	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1741	1.4313	1.1333	1.6700e-003		0.1079	0.1079		0.1030	0.1030	0.0000	148.2611	148.2611	0.0283	0.0000	148.8553
Total	0.1741	1.4313	1.1333	1.6700e-003		0.1079	0.1079		0.1030	0.1030	0.0000	148.2611	148.2611	0.0283	0.0000	148.8553

3.6 North Site Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0437	0.3668	0.5432	1.0000e-003	0.0273	5.2500e-003	0.0326	7.8200e-003	4.8300e-003	0.0126	0.0000	89.0820	89.0820	6.7000e-004	0.0000	89.0961
Worker	0.0471	0.0623	0.5893	1.4900e-003	0.1214	9.0000e-004	0.1223	0.0323	8.3000e-004	0.0331	0.0000	108.7533	108.7533	5.5300e-003	0.0000	108.8694
Total	0.0908	0.4291	1.1325	2.4900e-003	0.1487	6.1500e-003	0.1549	0.0401	5.6600e-003	0.0457	0.0000	197.8353	197.8353	6.2000e-003	0.0000	197.9655

3.6 North Site Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0742	0.6252	0.5474	8.2000e-004		0.0447	0.0447		0.0427	0.0427	0.0000	72.2926	72.2926	0.0135	0.0000	72.5767
Total	0.0742	0.6252	0.5474	8.2000e-004		0.0447	0.0447		0.0427	0.0427	0.0000	72.2926	72.2926	0.0135	0.0000	72.5767

3.6 North Site Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0202	0.1628	0.2552	4.9000e-004	0.0134	2.3900e-003	0.0158	3.8400e-003	2.2000e-003	6.0400e-003	0.0000	43.0254	43.0254	3.2000e-004	0.0000	43.0322	
Worker	0.0210	0.0280	0.2620	7.3000e-004	0.0597	4.4000e-004	0.0601	0.0159	4.0000e-004	0.0163	0.0000	51.4376	51.4376	2.5300e-003	0.0000	51.4906	
Total	0.0412	0.1907	0.5171	1.2200e-003	0.0731	2.8300e-003	0.0759	0.0197	2.6000e-003	0.0223	0.0000	94.4629	94.4629	2.8500e-003	0.0000	94.5228	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0742	0.6252	0.5474	8.2000e-004		0.0447	0.0447		0.0427	0.0427	0.0000	72.2926	72.2926	0.0135	0.0000	72.5766
Total	0.0742	0.6252	0.5474	8.2000e-004		0.0447	0.0447		0.0427	0.0427	0.0000	72.2926	72.2926	0.0135	0.0000	72.5766

3.6 North Site Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0202	0.1628	0.2552	4.9000e-004	0.0134	2.3900e-003	0.0158	3.8400e-003	2.2000e-003	6.0400e-003	0.0000	43.0254	43.0254	3.2000e-004	0.0000	43.0322
Worker	0.0210	0.0280	0.2620	7.3000e-004	0.0597	4.4000e-004	0.0601	0.0159	4.0000e-004	0.0163	0.0000	51.4376	51.4376	2.5300e-003	0.0000	51.4906
Total	0.0412	0.1907	0.5171	1.2200e-003	0.0731	2.8300e-003	0.0759	0.0197	2.6000e-003	0.0223	0.0000	94.4629	94.4629	2.8500e-003	0.0000	94.5228

3.7 North Site Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1058					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0181	0.1191	0.1018	1.6000e-004		9.4500e-003	9.4500e-003		9.4500e-003	9.4500e-003	0.0000	13.9152	13.9152	1.4700e-003	0.0000	13.9461
Total	0.1239	0.1191	0.1018	1.6000e-004		9.4500e-003	9.4500e-003		9.4500e-003	9.4500e-003	0.0000	13.9152	13.9152	1.4700e-003	0.0000	13.9461

3.7 North Site Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9300e-003	7.8500e-003	0.0743	1.9000e-004	0.0153	1.1000e-004	0.0154	4.0600e-003	1.1000e-004	4.1700e-003	0.0000	13.7042	13.7042	7.0000e-004	0.0000	13.7188
Total	5.9300e-003	7.8500e-003	0.0743	1.9000e-004	0.0153	1.1000e-004	0.0154	4.0600e-003	1.1000e-004	4.1700e-003	0.0000	13.7042	13.7042	7.0000e-004	0.0000	13.7188

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1058					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0181	0.1191	0.1018	1.6000e-004		9.4500e-003	9.4500e-003		9.4500e-003	9.4500e-003	0.0000	13.9152	13.9152	1.4700e-003	0.0000	13.9461
Total	0.1239	0.1191	0.1018	1.6000e-004		9.4500e-003	9.4500e-003		9.4500e-003	9.4500e-003	0.0000	13.9152	13.9152	1.4700e-003	0.0000	13.9461

3.7 North Site Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9300e-003	7.8500e-003	0.0743	1.9000e-004	0.0153	1.1000e-004	0.0154	4.0600e-003	1.1000e-004	4.1700e-003	0.0000	13.7042	13.7042	7.0000e-004	0.0000	13.7188
Total	5.9300e-003	7.8500e-003	0.0743	1.9000e-004	0.0153	1.1000e-004	0.0154	4.0600e-003	1.1000e-004	4.1700e-003	0.0000	13.7042	13.7042	7.0000e-004	0.0000	13.7188

3.7 North Site Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1476					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0227	0.1524	0.1409	2.3000e-004		0.0114	0.0114		0.0114	0.0114	0.0000	19.4048	19.4048	1.8400e-003	0.0000	19.4435
Total	0.1703	0.1524	0.1409	2.3000e-004		0.0114	0.0114		0.0114	0.0114	0.0000	19.4048	19.4048	1.8400e-003	0.0000	19.4435

3.7 North Site Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.5100e-003	9.9900e-003	0.0937	2.6000e-004	0.0213	1.6000e-004	0.0215	5.6700e-003	1.4000e-004	5.8100e-003	0.0000	18.3928	18.3928	9.0000e-004	0.0000	18.4118
Total	7.5100e-003	9.9900e-003	0.0937	2.6000e-004	0.0213	1.6000e-004	0.0215	5.6700e-003	1.4000e-004	5.8100e-003	0.0000	18.3928	18.3928	9.0000e-004	0.0000	18.4118

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1476					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0227	0.1524	0.1409	2.3000e-004		0.0114	0.0114		0.0114	0.0114	0.0000	19.4047	19.4047	1.8400e-003	0.0000	19.4435
Total	0.1703	0.1524	0.1409	2.3000e-004		0.0114	0.0114		0.0114	0.0114	0.0000	19.4047	19.4047	1.8400e-003	0.0000	19.4435

3.7 North Site Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.5100e-003	9.9900e-003	0.0937	2.6000e-004	0.0213	1.6000e-004	0.0215	5.6700e-003	1.4000e-004	5.8100e-003	0.0000	18.3928	18.3928	9.0000e-004	0.0000	18.4118
Total	7.5100e-003	9.9900e-003	0.0937	2.6000e-004	0.0213	1.6000e-004	0.0215	5.6700e-003	1.4000e-004	5.8100e-003	0.0000	18.3928	18.3928	9.0000e-004	0.0000	18.4118

3.8 South Site Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0600e-003	0.0858	0.0725	1.1000e-004		4.6900e-003	4.6900e-003		4.3200e-003	4.3200e-003	0.0000	10.1844	10.1844	3.1700e-003	0.0000	10.2510
Paving	6.5000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0146	0.0858	0.0725	1.1000e-004		4.6900e-003	4.6900e-003		4.3200e-003	4.3200e-003	0.0000	10.1844	10.1844	3.1700e-003	0.0000	10.2510

3.8 South Site Paving - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	2.8000e-004	2.6400e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5186	0.5186	3.0000e-005	0.0000	0.5191
Total	2.1000e-004	2.8000e-004	2.6400e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5186	0.5186	3.0000e-005	0.0000	0.5191

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0600e-003	0.0858	0.0725	1.1000e-004		4.6900e-003	4.6900e-003		4.3200e-003	4.3200e-003	0.0000	10.1844	10.1844	3.1700e-003	0.0000	10.2509
Paving	6.5000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0146	0.0858	0.0725	1.1000e-004		4.6900e-003	4.6900e-003		4.3200e-003	4.3200e-003	0.0000	10.1844	10.1844	3.1700e-003	0.0000	10.2509

3.8 South Site Paving - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	2.8000e-004	2.6400e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5186	0.5186	3.0000e-005	0.0000	0.5191
Total	2.1000e-004	2.8000e-004	2.6400e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5186	0.5186	3.0000e-005	0.0000	0.5191

3.9 South Site Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2053	1.7301	1.5150	2.2600e-003		0.1238	0.1238		0.1183	0.1183	0.0000	200.0657	200.0657	0.0374	0.0000	200.8518
Total	0.2053	1.7301	1.5150	2.2600e-003		0.1238	0.1238		0.1183	0.1183	0.0000	200.0657	200.0657	0.0374	0.0000	200.8518

3.9 South Site Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0559	0.4504	0.7061	1.3500e-003	0.0372	6.6300e-003	0.0438	0.0106	6.0900e-003	0.0167	0.0000	119.0702	119.0702	9.0000e-004	0.0000	119.0890
Worker	0.0582	0.0774	0.7250	2.0300e-003	0.1651	1.2100e-003	0.1663	0.0439	1.1200e-003	0.0450	0.0000	142.3504	142.3504	6.9900e-003	0.0000	142.4973
Total	0.1140	0.5278	1.4311	3.3800e-003	0.2023	7.8400e-003	0.2101	0.0545	7.2100e-003	0.0617	0.0000	261.4206	261.4206	7.8900e-003	0.0000	261.5863

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2053	1.7301	1.5150	2.2600e-003		0.1238	0.1238		0.1183	0.1183	0.0000	200.0654	200.0654	0.0374	0.0000	200.8516
Total	0.2053	1.7301	1.5150	2.2600e-003		0.1238	0.1238		0.1183	0.1183	0.0000	200.0654	200.0654	0.0374	0.0000	200.8516

3.9 South Site Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0559	0.4504	0.7061	1.3500e-003	0.0372	6.6300e-003	0.0438	0.0106	6.0900e-003	0.0167	0.0000	119.0702	119.0702	9.0000e-004	0.0000	119.0890
Worker	0.0582	0.0774	0.7250	2.0300e-003	0.1651	1.2100e-003	0.1663	0.0439	1.1200e-003	0.0450	0.0000	142.3504	142.3504	6.9900e-003	0.0000	142.4973
Total	0.1140	0.5278	1.4311	3.3800e-003	0.2023	7.8400e-003	0.2101	0.0545	7.2100e-003	0.0617	0.0000	261.4206	261.4206	7.8900e-003	0.0000	261.5863

3.9 South Site Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0176	0.1515	0.1449	2.2000e-004		0.0103	0.0103		9.8000e-003	9.8000e-003	0.0000	19.1870	19.1870	3.5200e-003	0.0000	19.2609
Total	0.0176	0.1515	0.1449	2.2000e-004		0.0103	0.0103		9.8000e-003	9.8000e-003	0.0000	19.1870	19.1870	3.5200e-003	0.0000	19.2609

3.9 South Site Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0400e-003	0.0396	0.0651	1.3000e-004	3.5900e-003	6.0000e-004	4.1900e-003	1.0300e-003	5.5000e-004	1.5700e-003	0.0000	11.3085	11.3085	8.0000e-005	0.0000	11.3103	
Worker	5.2100e-003	6.9100e-003	0.0644	2.0000e-004	0.0160	1.2000e-004	0.0161	4.2400e-003	1.1000e-004	4.3500e-003	0.0000	13.2589	13.2589	6.4000e-004	0.0000	13.2722	
Total	0.0103	0.0465	0.1296	3.3000e-004	0.0195	7.2000e-004	0.0203	5.2700e-003	6.6000e-004	5.9200e-003	0.0000	24.5674	24.5674	7.2000e-004	0.0000	24.5825	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road	0.0176	0.1515	0.1449	2.2000e-004		0.0103	0.0103		9.8000e-003	9.8000e-003	0.0000	19.1870	19.1870	3.5200e-003	0.0000	19.2609	
Total	0.0176	0.1515	0.1449	2.2000e-004		0.0103	0.0103		9.8000e-003	9.8000e-003	0.0000	19.1870	19.1870	3.5200e-003	0.0000	19.2609	

3.9 South Site Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0400e-003	0.0396	0.0651	1.3000e-004	3.5900e-003	6.0000e-004	4.1900e-003	1.0300e-003	5.5000e-004	1.5700e-003	0.0000	11.3085	11.3085	8.0000e-005	0.0000	11.3103
Worker	5.2100e-003	6.9100e-003	0.0644	2.0000e-004	0.0160	1.2000e-004	0.0161	4.2400e-003	1.1000e-004	4.3500e-003	0.0000	13.2589	13.2589	6.4000e-004	0.0000	13.2722
Total	0.0103	0.0465	0.1296	3.3000e-004	0.0195	7.2000e-004	0.0203	5.2700e-003	6.6000e-004	5.9200e-003	0.0000	24.5674	24.5674	7.2000e-004	0.0000	24.5825

3.10 South Site Architectural Coatings - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0671					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0261	0.1755	0.1622	2.6000e-004		0.0132	0.0132		0.0132	0.0132	0.0000	22.3410	22.3410	2.1200e-003	0.0000	22.3856
Total	0.0933	0.1755	0.1622	2.6000e-004		0.0132	0.0132		0.0132	0.0132	0.0000	22.3410	22.3410	2.1200e-003	0.0000	22.3856

3.10 South Site Architectural Coatings - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6500e-003	0.0115	0.1079	3.0000e-004	0.0246	1.8000e-004	0.0247	6.5300e-003	1.7000e-004	6.6900e-003	0.0000	21.1759	21.1759	1.0400e-003	0.0000	21.1978
Total	8.6500e-003	0.0115	0.1079	3.0000e-004	0.0246	1.8000e-004	0.0247	6.5300e-003	1.7000e-004	6.6900e-003	0.0000	21.1759	21.1759	1.0400e-003	0.0000	21.1978

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0671					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0261	0.1755	0.1622	2.6000e-004		0.0132	0.0132		0.0132	0.0132	0.0000	22.3410	22.3410	2.1200e-003	0.0000	22.3856
Total	0.0933	0.1755	0.1622	2.6000e-004		0.0132	0.0132		0.0132	0.0132	0.0000	22.3410	22.3410	2.1200e-003	0.0000	22.3856

3.10 South Site Architectural Coatings - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6500e-003	0.0115	0.1079	3.0000e-004	0.0246	1.8000e-004	0.0247	6.5300e-003	1.7000e-004	6.6900e-003	0.0000	21.1759	21.1759	1.0400e-003	0.0000	21.1978
Total	8.6500e-003	0.0115	0.1079	3.0000e-004	0.0246	1.8000e-004	0.0247	6.5300e-003	1.7000e-004	6.6900e-003	0.0000	21.1759	21.1759	1.0400e-003	0.0000	21.1978

3.10 South Site Architectural Coatings - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0330					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0115	0.0789	0.0792	1.3000e-004		5.5400e-003	5.5400e-003		5.5400e-003	5.5400e-003	0.0000	10.9790	10.9790	9.3000e-004	0.0000	10.9985
Total	0.0445	0.0789	0.0792	1.3000e-004		5.5400e-003	5.5400e-003		5.5400e-003	5.5400e-003	0.0000	10.9790	10.9790	9.3000e-004	0.0000	10.9985

3.10 South Site Architectural Coatings - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9400e-003	5.2300e-003	0.0488	1.5000e-004	0.0121	9.0000e-005	0.0122	3.2100e-003	8.0000e-005	3.2900e-003	0.0000	10.0300	10.0300	4.8000e-004	0.0000	10.0401	
Total	3.9400e-003	5.2300e-003	0.0488	1.5000e-004	0.0121	9.0000e-005	0.0122	3.2100e-003	8.0000e-005	3.2900e-003	0.0000	10.0300	10.0300	4.8000e-004	0.0000	10.0401	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0330					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0115	0.0789	0.0792	1.3000e-004		5.5400e-003	5.5400e-003		5.5400e-003	5.5400e-003	0.0000	10.9790	10.9790	9.3000e-004	0.0000	10.9985
Total	0.0445	0.0789	0.0792	1.3000e-004		5.5400e-003	5.5400e-003		5.5400e-003	5.5400e-003	0.0000	10.9790	10.9790	9.3000e-004	0.0000	10.9985

3.10 South Site Architectural Coatings - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9400e-003	5.2300e-003	0.0488	1.5000e-004	0.0121	9.0000e-005	0.0122	3.2100e-003	8.0000e-005	3.2900e-003	0.0000	10.0300	10.0300	4.8000e-004	0.0000	10.0401
Total	3.9400e-003	5.2300e-003	0.0488	1.5000e-004	0.0121	9.0000e-005	0.0122	3.2100e-003	8.0000e-005	3.2900e-003	0.0000	10.0300	10.0300	4.8000e-004	0.0000	10.0401

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5471	1.2934	5.7767	0.0141	0.9692	0.0172	0.9864	0.2592	0.0159	0.2751	0.0000	1,045.1350	1,045.1350	0.0421	0.0000	1,046.0190
Unmitigated	0.5474	1.2950	5.7828	0.0141	0.9706	0.0172	0.9879	0.2596	0.0159	0.2755	0.0000	1,046.6713	1,046.6713	0.0422	0.0000	1,047.5565

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	904.00	904.00	904.00	2,581,194	2,577,295
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	904.00	904.00	904.00	2,581,194	2,577,295

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
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511818	0.073499	0.191840	0.131575	0.036332	0.005186	0.012677	0.022513	0.001864	0.002072	0.006564	0.000601	0.003458

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	189.6712	189.6712	7.6300e-003	1.5800e-003	190.3212
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	191.5794	191.5794	7.7100e-003	1.6000e-003	192.2359
NaturalGas Mitigated	6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003	0.0000	66.8961	66.8961	1.2800e-003	1.2300e-003	67.3032
NaturalGas Unmitigated	8.4000e-003	0.0718	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003	0.0000	83.1616	83.1616	1.5900e-003	1.5200e-003	83.6677

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	1.55839e+006	8.4000e-003	0.0718	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003	0.0000	83.1616	83.1616	1.5900e-003	1.5200e-003	83.6677	
Total		8.4000e-003	0.0718	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003	0.0000	83.1616	83.1616	1.5900e-003	1.5200e-003	83.6677	

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	1.25359e+006	6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003	0.0000	66.8961	66.8961	1.2800e-003	1.2300e-003	67.3032
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003	0.0000	66.8961	66.8961	1.2800e-003	1.2300e-003	67.3032

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	489765	160.0594	6.4400e-003	1.3300e-003	160.6079
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	96448	31.5201	1.2700e-003	2.6000e-004	31.6281
Total		191.5794	7.7100e-003	1.5900e-003	192.2359

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	483926	158.1511	6.3700e-003	1.3200e-003	158.6931
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	96448	31.5201	1.2700e-003	2.6000e-004	31.6281
Total		189.6712	7.6400e-003	1.5800e-003	190.3212

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.3550	9.8400e-003	0.8485	4.0000e-005		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	1.3774	1.3774	1.3800e-003	0.0000	1.4063
Unmitigated	1.3550	9.8400e-003	0.8485	4.0000e-005		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	1.3774	1.3774	1.3800e-003	0.0000	1.4063

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0354					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2932					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0264	9.8400e-003	0.8485	4.0000e-005		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	1.3774	1.3774	1.3800e-003	0.0000	1.4063
Total	1.3550	9.8400e-003	0.8485	4.0000e-005		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	1.3774	1.3774	1.3800e-003	0.0000	1.4063

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0354					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2932					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0264	9.8400e-003	0.8485	4.0000e-005		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	1.3774	1.3774	1.3800e-003	0.0000	1.4063
Total	1.3550	9.8400e-003	0.8485	4.0000e-005		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	1.3774	1.3774	1.3800e-003	0.0000	1.4063

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	39.5446	0.1934	4.8500e-003	45.1090
Unmitigated	50.5182	0.2418	6.0700e-003	57.4773

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	7.3624 / 4.64152	50.5182	0.2418	6.0700e-003	57.4773
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		50.5182	0.2418	6.0700e-003	57.4773

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	5.88992 / 3.71321	39.5446	0.1934	4.8500e-003	45.1090
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		39.5446	0.1934	4.8500e-003	45.1090

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5.2757	0.3118	0.0000	11.8233
Unmitigated	10.5515	0.6236	0.0000	23.6465

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	51.98	10.5515	0.6236	0.0000	23.6465
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		10.5515	0.6236	0.0000	23.6465

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	25.99	5.2757	0.3118	0.0000	11.8233
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		5.2757	0.3118	0.0000	11.8233

9.0 Operational Offroad

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

**Del Prado - Total Project
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse	113.00	Dwelling Unit	7.06	113,000.00	323
Parking Lot	274.00	Space	2.47	109,600.00	0
Other Asphalt Surfaces	108.53	1000sqft	2.49	108,530.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2018
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Based on input from Touchstone Communities

Off-road Equipment - Based on input from Touchstone Communities

Off-road Equipment - Based on input from Touchstone Communities

Off-road Equipment - Based on input from Touchstone Communities

Off-road Equipment -

Off-road Equipment - Based on input from Touchstone Communities

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Based on input from Touchstone Communities

Off-road Equipment -

Grading -

Demolition -

Architectural Coating - Area revised based on North/South division. Low-VOC coatings.

Vehicle Trips - KOA 2015

Woodstoves - No Woodburning Devices

Area Coating - Low-VOC Coatings

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	55,909.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	55,909.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	167,727.00	0.00

tblArchitecturalCoating	ConstArea_Nonresidential_Interior	167,727.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	76,275.00	54,675.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	76,275.00	21,600.00
tblArchitecturalCoating	ConstArea_Residential_Interior	228,825.00	164,025.00
tblArchitecturalCoating	ConstArea_Residential_Interior	228,825.00	64,800.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaCoating	Area_Nonresidential_Exterior	55909	0
tblAreaCoating	Area_Nonresidential_Interior	167727	0
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	300.00	261.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	30.00	43.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	300.00	261.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	PhaseEndDate	4/30/2019	7/31/2018
tblConstructionPhase	PhaseEndDate	4/23/2018	4/30/2018
tblConstructionPhase	PhaseEndDate	3/3/2017	3/1/2017
tblConstructionPhase	PhaseEndDate	3/22/2017	4/21/2017
tblConstructionPhase	PhaseEndDate	10/9/2015	1/3/2017
tblConstructionPhase	PhaseEndDate	1/14/2019	1/31/2019

tblConstructionPhase	PhaseEndDate	8/14/2018	1/12/2018
tblConstructionPhase	PhaseEndDate	1/31/2020	4/30/2019
tblConstructionPhase	PhaseStartDate	5/1/2018	8/1/2017
tblConstructionPhase	PhaseStartDate	4/22/2017	5/1/2017
tblConstructionPhase	PhaseStartDate	1/4/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	3/2/2017	4/1/2017
tblConstructionPhase	PhaseStartDate	10/8/2015	1/1/2017
tblConstructionPhase	PhaseStartDate	1/13/2018	2/1/2018
tblConstructionPhase	PhaseStartDate	8/1/2018	1/1/2018
tblConstructionPhase	PhaseStartDate	2/1/2019	5/1/2018
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	62.15	0.00
tblFireplaces	NumberNoFireplace	11.30	113.00
tblFireplaces	NumberWood	39.55	0.00
tblGrading	MaterialExported	0.00	1,966.00
tblGrading	MaterialExported	0.00	80.00
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2018
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	WD_TR	6.59	8.00
tblWoodstoves	NumberCatalytic	5.65	0.00
tblWoodstoves	NumberNoncatalytic	5.65	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					
2015	0.8459	8.9828	6.6541	0.0104	0.5092	0.5182	1.0274	0.0861	0.4767	0.5628	0.0000	1,076.1702	1,076.1702	0.2668	0.0000	1,081.7738
2017	10.2382	116.7834	83.6862	0.1034	27.6987	5.3694	33.0681	13.6984	4.9399	18.6383	0.0000	10,495.1002	10,495.1002	2.9225	0.0000	10,556.4720
2018	8.0536	40.0571	53.8094	0.1009	3.7670	2.3651	6.1320	1.0119	2.2620	3.2740	0.0000	9,059.3316	9,059.3316	1.1644	0.0000	9,083.7847
2019	3.6118	19.1622	27.4195	0.0536	2.0272	1.0848	3.1120	0.5441	1.0402	1.5843	0.0000	4,712.6361	4,712.6361	0.4425	0.0000	4,721.9279
Total	22.7495	184.9854	171.5692	0.2683	34.0021	9.3375	43.3396	15.3405	8.7188	24.0593	0.0000	25,343.2380	25,343.2380	4.7962	0.0000	25,443.9583

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.5731	0.1093	9.4282	5.0000e-004		0.0514	0.0514		0.0514	0.0514	0.0000	16.8701	16.8701	0.0169	0.0000	17.2243
Energy	0.0460	0.3935	0.1674	2.5100e-003		0.0318	0.0318		0.0318	0.0318		502.3009	502.3009	9.6300e-003	9.2100e-003	505.3579
Mobile	3.2006	7.1455	32.6349	0.0769	5.4615	0.0950	5.5565	1.4579	0.0876	1.5455		6,295.6344	6,295.6344	0.2557		6,301.0040
Total	10.8198	7.6483	42.2305	0.0800	5.4615	0.1782	5.6397	1.4579	0.1708	1.6287	0.0000	6,814.8055	6,814.8055	0.2822	9.2100e-003	6,823.5861

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.5731	0.1093	9.4282	5.0000e-004		0.0514	0.0514		0.0514	0.0514	0.0000	16.8701	16.8701	0.0169	0.0000	17.2243
Energy	0.0370	0.3165	0.1347	2.0200e-003		0.0256	0.0256		0.0256	0.0256		404.0567	404.0567	7.7400e-003	7.4100e-003	406.5157
Mobile	3.1991	7.1364	32.6017	0.0768	5.4533	0.0949	5.5482	1.4557	0.0874	1.5432		6,286.3907	6,286.3907	0.2554		6,291.7530
Total	10.8092	7.5622	42.1646	0.0793	5.4533	0.1719	5.6251	1.4557	0.1644	1.6201	0.0000	6,707.3175	6,707.3175	0.2800	7.4100e-003	6,715.4930

	ROG	NOx	CO	SO2	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	0.10	1.13	0.16	0.76	0.15	3.57	0.26	0.15	3.72	0.52	0.00	1.58	1.58	0.79	19.54	1.58

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/1/2015	10/7/2015	5	5	
2	Site Preparation	Site Preparation	1/1/2017	1/3/2017	5	2	
3	Grading	Grading	1/1/2017	3/1/2017	5	43	
4	North Site Paving	Paving	4/1/2017	4/21/2017	5	15	
5	North Site Building Construction	Building Construction	5/1/2017	4/30/2018	5	261	
6	North Site Architectural Coating	Architectural Coating	8/1/2017	7/31/2018	5	261	
7	South Site Paving	Paving	1/1/2018	1/12/2018	5	10	
8	South Site Building Construction	Building Construction	2/1/2018	1/31/2019	5	261	
9	South Site Architectural Coatings	Architectural Coating	5/1/2018	4/30/2019	5	261	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 129

Acres of Paving: 0

Residential Indoor: 164,025; Residential Outdoor: 54,675; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
North Site Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	1	8.00	162	0.38

Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Grading	Excavators	0	8.00	162	0.38
North Site Building Construction	Cranes	0	7.00	226	0.29
North Site Building Construction	Forklifts	2	8.00	89	0.20
North Site Building Construction	Generator Sets	1	8.00	84	0.74
North Site Paving	Pavers	2	8.00	125	0.42
North Site Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	0	8.00	255	0.40
Grading	Rubber Tired Dozers	2	8.00	255	0.40
North Site Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Grading	Graders	0	8.00	174	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
North Site Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Scrapers	3	8.00	361	0.48
North Site Building Construction	Welders	0	8.00	46	0.45
South Site Architectural Coatings	Air Compressors	1	6.00	78	0.48
South Site Building Construction	Cranes	0	7.00	226	0.29
South Site Building Construction	Forklifts	2	8.00	89	0.20
South Site Building Construction	Generator Sets	1	8.00	84	0.74
South Site Paving	Pavers	2	8.00	125	0.42
South Site Paving	Paving Equipment	2	8.00	130	0.36
South Site Paving	Rollers	2	8.00	80	0.38
South Site Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
South Site Building Construction	Welders	0	8.00	46	0.45
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
North Site Building Construction	Air Compressors	1	8.00	78	0.48

South Site Building Construction	Air Compressors	1	8.00	78	0.48
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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	2	5.00	0.00	10.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	0.00	10.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	246.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Site Building Construction	6	173.00	48.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Site Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Site Architectural Coatings	1	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Site Architectural Coatings	1	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Site Building Construction	6	173.00	48.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Site Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 2015**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4333	0.0000	0.4333	0.0656	0.0000	0.0656			0.0000			0.0000
Off-Road	0.7755	8.2831	5.8550	8.4000e-003		0.5077	0.5077		0.4671	0.4671		881.7151	881.7151	0.2632		887.2429
Total	0.7755	8.2831	5.8550	8.4000e-003	0.4333	0.5077	0.9410	0.0656	0.4671	0.5327		881.7151	881.7151	0.2632		887.2429

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0501	0.6743	0.5580	1.5000e-003	0.0349	0.0102	0.0450	9.5400e-003	9.3600e-003	0.0189		152.1916	152.1916	1.2500e-003		152.2179
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0254	0.2412	4.9000e-004	0.0411	3.2000e-004	0.0414	0.0109	3.0000e-004	0.0112		42.2635	42.2635	2.3600e-003		42.3131
Total	0.0705	0.6997	0.7992	1.9900e-003	0.0759	0.0105	0.0864	0.0204	9.6600e-003	0.0301		194.4551	194.4551	3.6100e-003		194.5309

3.2 Demolition - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1950	0.0000	0.1950	0.0295	0.0000	0.0295			0.0000			0.0000
Off-Road	0.7755	8.2831	5.8550	8.4000e-003		0.5077	0.5077		0.4671	0.4671	0.0000	881.7151	881.7151	0.2632		887.2429
Total	0.7755	8.2831	5.8550	8.4000e-003	0.1950	0.5077	0.7027	0.0295	0.4671	0.4966	0.0000	881.7151	881.7151	0.2632		887.2429

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0501	0.6743	0.5580	1.5000e-003	0.0349	0.0102	0.0450	9.5400e-003	9.3600e-003	0.0189		152.1916	152.1916	1.2500e-003		152.2179
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0254	0.2412	4.9000e-004	0.0411	3.2000e-004	0.0414	0.0109	3.0000e-004	0.0112		42.2635	42.2635	2.3600e-003		42.3131
Total	0.0705	0.6997	0.7992	1.9900e-003	0.0759	0.0105	0.0864	0.0204	9.6600e-003	0.0301		194.4551	194.4551	3.6100e-003		194.5309

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.0498	0.0000	12.0498	6.6213	0.0000	6.6213			0.0000			0.0000
Off-Road	3.0143	32.4731	24.6688	0.0240		1.6835	1.6835		1.5489	1.5489		2,456.5473	2,456.5473	0.7527		2,472.3536
Total	3.0143	32.4731	24.6688	0.0240	12.0498	1.6835	13.7333	6.6213	1.5489	8.1702		2,456.5473	2,456.5473	0.7527		2,472.3536

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1018	1.2897	1.2398	3.7300e-003	0.0871	0.0169	0.1040	0.0239	0.0155	0.0394		369.5509	369.5509	2.6000e-003		369.6055
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0336	0.0418	0.3912	9.8000e-004	0.0822	6.0000e-004	0.0827	0.0218	5.5000e-004	0.0223		78.4148	78.4148	4.0300e-003		78.4994
Total	0.1354	1.3315	1.6310	4.7100e-003	0.1693	0.0175	0.1867	0.0457	0.0161	0.0617		447.9657	447.9657	6.6300e-003		448.1048

3.3 Site Preparation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4224	0.0000	5.4224	2.9796	0.0000	2.9796			0.0000			0.0000
Off-Road	3.0143	32.4731	24.6688	0.0240		1.6835	1.6835		1.5489	1.5489	0.0000	2,456.547 3	2,456.547 3	0.7527		2,472.353 6
Total	3.0143	32.4731	24.6688	0.0240	5.4224	1.6835	7.1059	2.9796	1.5489	4.5284	0.0000	2,456.547 3	2,456.547 3	0.7527		2,472.353 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1018	1.2897	1.2398	3.7300e-003	0.0871	0.0169	0.1040	0.0239	0.0155	0.0394		369.5509	369.5509	2.6000e-003		369.6055
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0336	0.0418	0.3912	9.8000e-004	0.0822	6.0000e-004	0.0827	0.0218	5.5000e-004	0.0223		78.4148	78.4148	4.0300e-003		78.4994
Total	0.1354	1.3315	1.6310	4.7100e-003	0.1693	0.0175	0.1867	0.0457	0.0161	0.0617		447.9657	447.9657	6.6300e-003		448.1048

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					15.2321	0.0000	15.2321	6.9650	0.0000	6.9650			0.0000			0.0000
Off-Road	6.9116	81.4279	55.2637	0.0687		3.6480	3.6480		3.3562	3.3562		7,026.6056	7,026.6056	2.1529		7,071.8173
Total	6.9116	81.4279	55.2637	0.0687	15.2321	3.6480	18.8801	6.9650	3.3562	10.3212		7,026.6056	7,026.6056	2.1529		7,071.8173

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1165	1.4756	1.4186	4.2700e-003	0.0997	0.0193	0.1190	0.0273	0.0178	0.0451		422.8349	422.8349	2.9700e-003		422.8974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0604	0.0753	0.7041	1.7600e-003	0.1479	1.0800e-003	0.1489	0.0392	9.9000e-004	0.0402		141.1467	141.1467	7.2500e-003		141.2989
Total	0.1770	1.5509	2.1227	6.0300e-003	0.2476	0.0204	0.2679	0.0665	0.0188	0.0853		563.9816	563.9816	0.0102		564.1963

3.4 Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8544	0.0000	6.8544	3.1342	0.0000	3.1342			0.0000			0.0000
Off-Road	6.9116	81.4279	55.2637	0.0687		3.6480	3.6480		3.3562	3.3562	0.0000	7,026.6056	7,026.6056	2.1529		7,071.8173
Total	6.9116	81.4279	55.2637	0.0687	6.8544	3.6480	10.5025	3.1342	3.3562	6.4904	0.0000	7,026.6056	7,026.6056	2.1529		7,071.8173

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1165	1.4756	1.4186	4.2700e-003	0.0997	0.0193	0.1190	0.0273	0.0178	0.0451		422.8349	422.8349	2.9700e-003		422.8974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0604	0.0753	0.7041	1.7600e-003	0.1479	1.0800e-003	0.1489	0.0392	9.9000e-004	0.0402		141.1467	141.1467	7.2500e-003		141.2989
Total	0.1770	1.5509	2.1227	6.0300e-003	0.2476	0.0204	0.2679	0.0665	0.0188	0.0853		563.9816	563.9816	0.0102		564.1963

3.5 North Site Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.8664					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7737	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0504	0.0628	0.5868	1.4700e-003	0.1232	9.0000e-004	0.1241	0.0327	8.3000e-004	0.0335		117.6222	117.6222	6.0400e-003		117.7491
Total	0.0504	0.0628	0.5868	1.4700e-003	0.1232	9.0000e-004	0.1241	0.0327	8.3000e-004	0.0335		117.6222	117.6222	6.0400e-003		117.7491

3.5 North Site Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.8664					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7737	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0504	0.0628	0.5868	1.4700e-003	0.1232	9.0000e-004	0.1241	0.0327	8.3000e-004	0.0335		117.6222	117.6222	6.0400e-003		117.7491
Total	0.0504	0.0628	0.5868	1.4700e-003	0.1232	9.0000e-004	0.1241	0.0327	8.3000e-004	0.0335		117.6222	117.6222	6.0400e-003		117.7491

3.6 North Site Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9894	16.3571	12.9517	0.0190		1.2335	1.2335		1.1773	1.1773		1,867.7718	1,867.7718	0.3565		1,875.2574
Total	1.9894	16.3571	12.9517	0.0190		1.2335	1.2335		1.1773	1.1773		1,867.7718	1,867.7718	0.3565		1,875.2574

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5293	4.1644	6.8064	0.0113	0.3186	0.0603	0.3789	0.0909	0.0555	0.1464		1,117.2186	1,117.2186	8.5900e-003		1,117.3990
Worker	0.5808	0.7237	6.7673	0.0169	1.4212	0.0103	1.4315	0.3770	9.5300e-003	0.3865		1,356.5763	1,356.5763	0.0697		1,358.0390
Total	1.1101	4.8880	13.5737	0.0282	1.7398	0.0707	1.8104	0.4679	0.0650	0.5329		2,473.7949	2,473.7949	0.0782		2,475.4380

3.6 North Site Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9894	16.3571	12.9517	0.0190		1.2335	1.2335		1.1773	1.1773	0.0000	1,867.7718	1,867.7718	0.3565		1,875.2574
Total	1.9894	16.3571	12.9517	0.0190		1.2335	1.2335		1.1773	1.1773	0.0000	1,867.7718	1,867.7718	0.3565		1,875.2574

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5293	4.1644	6.8064	0.0113	0.3186	0.0603	0.3789	0.0909	0.0555	0.1464		1,117.2186	1,117.2186	8.5900e-003		1,117.3990
Worker	0.5808	0.7237	6.7673	0.0169	1.4212	0.0103	1.4315	0.3770	9.5300e-003	0.3865		1,356.5763	1,356.5763	0.0697		1,358.0390
Total	1.1101	4.8880	13.5737	0.0282	1.7398	0.0707	1.8104	0.4679	0.0650	0.5329		2,473.7949	2,473.7949	0.0782		2,475.4380

3.6 North Site Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7255	14.5387	12.7312	0.0190		1.0401	1.0401		0.9939	0.9939		1,853.2324	1,853.2324	0.3468		1,860.5143
Total	1.7255	14.5387	12.7312	0.0190		1.0401	1.0401		0.9939	0.9939		1,853.2324	1,853.2324	0.3468		1,860.5143

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4962	3.7598	6.5166	0.0113	0.3186	0.0560	0.3746	0.0909	0.0515	0.1424		1,098.0135	1,098.0135	8.4300e-003		1,098.1906
Worker	0.5278	0.6604	6.1116	0.0169	1.4212	0.0101	1.4313	0.3770	9.3800e-003	0.3863		1,305.6239	1,305.6239	0.0648		1,306.9844
Total	1.0240	4.4202	12.6282	0.0282	1.7397	0.0661	1.8059	0.4678	0.0609	0.5287		2,403.6374	2,403.6374	0.0732		2,405.1750

3.6 North Site Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7255	14.5387	12.7312	0.0190		1.0401	1.0401		0.9939	0.9939	0.0000	1,853.2324	1,853.2324	0.3468		1,860.5143
Total	1.7255	14.5387	12.7312	0.0190		1.0401	1.0401		0.9939	0.9939	0.0000	1,853.2324	1,853.2324	0.3468		1,860.5143

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4962	3.7598	6.5166	0.0113	0.3186	0.0560	0.3746	0.0909	0.0515	0.1424		1,098.0135	1,098.0135	8.4300e-003		1,098.1906
Worker	0.5278	0.6604	6.1116	0.0169	1.4212	0.0101	1.4313	0.3770	9.3800e-003	0.3863		1,305.6239	1,305.6239	0.0648		1,306.9844
Total	1.0240	4.4202	12.6282	0.0282	1.7397	0.0661	1.8059	0.4678	0.0609	0.5287		2,403.6374	2,403.6374	0.0732		2,405.1750

3.7 North Site Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.9419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	2.2742	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1175	0.1464	1.3691	3.4200e-003	0.2875	2.0900e-003	0.2896	0.0763	1.9300e-003	0.0782		274.4519	274.4519	0.0141		274.7478
Total	0.1175	0.1464	1.3691	3.4200e-003	0.2875	2.0900e-003	0.2896	0.0763	1.9300e-003	0.0782		274.4519	274.4519	0.0141		274.7478

3.7 North Site Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.9419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	2.2742	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1175	0.1464	1.3691	3.4200e-003	0.2875	2.0900e-003	0.2896	0.0763	1.9300e-003	0.0782		274.4519	274.4519	0.0141		274.7478
Total	0.1175	0.1464	1.3691	3.4200e-003	0.2875	2.0900e-003	0.2896	0.0763	1.9300e-003	0.0782		274.4519	274.4519	0.0141		274.7478

3.7 North Site Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.9419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	2.2405	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1068	0.1336	1.2365	3.4200e-003	0.2875	2.0500e-003	0.2896	0.0763	1.9000e-003	0.0782		264.1436	264.1436	0.0131		264.4188
Total	0.1068	0.1336	1.2365	3.4200e-003	0.2875	2.0500e-003	0.2896	0.0763	1.9000e-003	0.0782		264.1436	264.1436	0.0131		264.4188

3.7 North Site Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.9419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	2.2405	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1068	0.1336	1.2365	3.4200e-003	0.2875	2.0500e-003	0.2896	0.0763	1.9000e-003	0.0782		264.1436	264.1436	0.0131		264.4188
Total	0.1068	0.1336	1.2365	3.4200e-003	0.2875	2.0500e-003	0.2896	0.0763	1.9000e-003	0.0782		264.1436	264.1436	0.0131		264.4188

3.8 South Site Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	1.2995					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.9109	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0458	0.0573	0.5299	1.4600e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		113.2044	113.2044	5.6200e-003		113.3224
Total	0.0458	0.0573	0.5299	1.4600e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		113.2044	113.2044	5.6200e-003		113.3224

3.8 South Site Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	1.2995					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.9109	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0458	0.0573	0.5299	1.4600e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		113.2044	113.2044	5.6200e-003		113.3224
Total	0.0458	0.0573	0.5299	1.4600e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		113.2044	113.2044	5.6200e-003		113.3224

3.9 South Site Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7255	14.5387	12.7312	0.0190		1.0401	1.0401		0.9939	0.9939		1,853.2324	1,853.2324	0.3468		1,860.5143
Total	1.7255	14.5387	12.7312	0.0190		1.0401	1.0401		0.9939	0.9939		1,853.2324	1,853.2324	0.3468		1,860.5143

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4962	3.7598	6.5166	0.0113	0.3186	0.0560	0.3746	0.0909	0.0515	0.1424		1,098.0135	1,098.0135	8.4300e-003		1,098.1906
Worker	0.5278	0.6604	6.1116	0.0169	1.4212	0.0101	1.4313	0.3770	9.3800e-003	0.3863		1,305.6239	1,305.6239	0.0648		1,306.9844
Total	1.0240	4.4202	12.6282	0.0282	1.7397	0.0661	1.8059	0.4678	0.0609	0.5287		2,403.6374	2,403.6374	0.0732		2,405.1750

3.9 South Site Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7255	14.5387	12.7312	0.0190		1.0401	1.0401		0.9939	0.9939	0.0000	1,853.2324	1,853.2324	0.3468		1,860.5143
Total	1.7255	14.5387	12.7312	0.0190		1.0401	1.0401		0.9939	0.9939	0.0000	1,853.2324	1,853.2324	0.3468		1,860.5143

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4962	3.7598	6.5166	0.0113	0.3186	0.0560	0.3746	0.0909	0.0515	0.1424		1,098.0135	1,098.0135	8.4300e-003		1,098.1906
Worker	0.5278	0.6604	6.1116	0.0169	1.4212	0.0101	1.4313	0.3770	9.3800e-003	0.3863		1,305.6239	1,305.6239	0.0648		1,306.9844
Total	1.0240	4.4202	12.6282	0.0282	1.7397	0.0661	1.8059	0.4678	0.0609	0.5287		2,403.6374	2,403.6374	0.0732		2,405.1750

3.9 South Site 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	1.5266	13.1721	12.5963	0.0190		0.8919	0.8919		0.8524	0.8524		1,839.1377	1,839.1377	0.3372		1,846.2188
Total	1.5266	13.1721	12.5963	0.0190		0.8919	0.8919		0.8524	0.8524		1,839.1377	1,839.1377	0.3372		1,846.2188

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4627	3.4211	6.2307	0.0113	0.3185	0.0521	0.3706	0.0909	0.0479	0.1388		1,079.0831	1,079.0831	8.2300e-003		1,079.2560
Worker	0.4898	0.6102	5.6152	0.0169	1.4212	0.0101	1.4312	0.3770	9.3300e-003	0.3863		1,258.3814	1,258.3814	0.0609		1,259.6611
Total	0.9525	4.0313	11.8459	0.0282	1.7397	0.0621	1.8018	0.4678	0.0572	0.5250		2,337.4645	2,337.4645	0.0692		2,338.9171

3.9 South Site Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5266	13.1721	12.5963	0.0190		0.8919	0.8919		0.8524	0.8524	0.0000	1,839.1377	1,839.1377	0.3372		1,846.2188
Total	1.5266	13.1721	12.5963	0.0190		0.8919	0.8919		0.8524	0.8524	0.0000	1,839.1377	1,839.1377	0.3372		1,846.2188

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4627	3.4211	6.2307	0.0113	0.3185	0.0521	0.3706	0.0909	0.0479	0.1388		1,079.0831	1,079.0831	8.2300e-003		1,079.2560
Worker	0.4898	0.6102	5.6152	0.0169	1.4212	0.0101	1.4312	0.3770	9.3300e-003	0.3863		1,258.3814	1,258.3814	0.0609		1,259.6611
Total	0.9525	4.0313	11.8459	0.0282	1.7397	0.0621	1.8018	0.4678	0.0572	0.5250		2,337.4645	2,337.4645	0.0692		2,338.9171

3.10 South Site Architectural Coatings - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	0.7672					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267			282.0102
Total	1.0658	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267			282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.1068	0.1336	1.2365	3.4200e-003	0.2875	2.0500e-003	0.2896	0.0763	1.9000e-003	0.0782		264.1436	264.1436	0.0131			264.4188
Total	0.1068	0.1336	1.2365	3.4200e-003	0.2875	2.0500e-003	0.2896	0.0763	1.9000e-003	0.0782		264.1436	264.1436	0.0131			264.4188

3.10 South Site Architectural Coatings - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7672					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	1.0658	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1068	0.1336	1.2365	3.4200e-003	0.2875	2.0500e-003	0.2896	0.0763	1.9000e-003	0.0782		264.1436	264.1436	0.0131		264.4188
Total	0.1068	0.1336	1.2365	3.4200e-003	0.2875	2.0500e-003	0.2896	0.0763	1.9000e-003	0.0782		264.1436	264.1436	0.0131		264.4188

3.10 South Site Architectural Coatings - 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	0.7672					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	1.0336	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0991	0.1235	1.1360	3.4200e-003	0.2875	2.0400e-003	0.2896	0.0763	1.8900e-003	0.0782		254.5858	254.5858	0.0123		254.8447
Total	0.0991	0.1235	1.1360	3.4200e-003	0.2875	2.0400e-003	0.2896	0.0763	1.8900e-003	0.0782		254.5858	254.5858	0.0123		254.8447

3.10 South Site Architectural Coatings - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	0.7672					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			281.9473
Total	1.0336	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238			281.9473

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0991	0.1235	1.1360	3.4200e-003	0.2875	2.0400e-003	0.2896	0.0763	1.8900e-003	0.0782		254.5858	254.5858	0.0123			254.8447
Total	0.0991	0.1235	1.1360	3.4200e-003	0.2875	2.0400e-003	0.2896	0.0763	1.8900e-003	0.0782		254.5858	254.5858	0.0123			254.8447

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.1991	7.1364	32.6017	0.0768	5.4533	0.0949	5.5482	1.4557	0.0874	1.5432		6,286.3907	6,286.3907	0.2554		6,291.7530
Unmitigated	3.2006	7.1455	32.6349	0.0769	5.4615	0.0950	5.5565	1.4579	0.0876	1.5455		6,295.6344	6,295.6344	0.2557		6,301.0040

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	904.00	904.00	904.00	2,581,194	2,577,295
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	904.00	904.00	904.00	2,581,194	2,577,295

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
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511818	0.073499	0.191840	0.131575	0.036332	0.005186	0.012677	0.022513	0.001864	0.002072	0.006564	0.000601	0.003458

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0370	0.3165	0.1347	2.0200e-003		0.0256	0.0256		0.0256	0.0256		404.0567	404.0567	7.7400e-003	7.4100e-003	406.5157
NaturalGas Unmitigated	0.0460	0.3935	0.1674	2.5100e-003		0.0318	0.0318		0.0318	0.0318		502.3009	502.3009	9.6300e-003	9.2100e-003	505.3579

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Condo/Townhouse	4269.56	0.0460	0.3935	0.1674	2.5100e-003		0.0318	0.0318		0.0318	0.0318		502.3009	502.3009	9.6300e-003	9.2100e-003	505.3579
Total		0.0460	0.3935	0.1674	2.5100e-003		0.0318	0.0318		0.0318	0.0318		502.3009	502.3009	9.6300e-003	9.2100e-003	505.3579

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
Condo/Townhouse	3.43448	0.0370	0.3165	0.1347	2.0200e-003		0.0256	0.0256		0.0256	0.0256		404.0567	404.0567	7.7400e-003	7.4100e-003	406.5157
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0370	0.3165	0.1347	2.0200e-003		0.0256	0.0256		0.0256	0.0256		404.0567	404.0567	7.7400e-003	7.4100e-003	406.5157

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.5731	0.1093	9.4282	5.0000e-004		0.0514	0.0514		0.0514	0.0514	0.0000	16.8701	16.8701	0.0169	0.0000	17.2243
Unmitigated	7.5731	0.1093	9.4282	5.0000e-004		0.0514	0.0514		0.0514	0.0514	0.0000	16.8701	16.8701	0.0169	0.0000	17.2243

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1937					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.0862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2932	0.1093	9.4282	5.0000e-004		0.0514	0.0514		0.0514	0.0514		16.8701	16.8701	0.0169		17.2243
Total	7.5731	0.1093	9.4282	5.0000e-004		0.0514	0.0514		0.0514	0.0514	0.0000	16.8701	16.8701	0.0169	0.0000	17.2243

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1937					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.0862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2932	0.1093	9.4282	5.0000e-004		0.0514	0.0514		0.0514	0.0514		16.8701	16.8701	0.0169		17.2243
Total	7.5731	0.1093	9.4282	5.0000e-004		0.0514	0.0514		0.0514	0.0514	0.0000	16.8701	16.8701	0.0169	0.0000	17.2243

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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 Vegetation

Del Prado - North Site Operations
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse	81.00	Dwelling Unit	5.06	81,000.00	232

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2018
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 -
- Construction Phase - No Construction
- Vehicle Trips - KOA 2015
- Woodstoves - No Woodburning Devices
- Area Coating - Low-VOC Coatings
- Mobile Land Use Mitigation -
- Energy Mitigation -
- Water Mitigation -
- Waste Mitigation -

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	2.0797	0.0781	6.7299	3.5000e-004		0.0367	0.0367		0.0367	0.0367	0.0000	12.0327	12.0327	0.0119	0.0000	12.2832
Energy	0.0330	0.2820	0.1200	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.0564	360.0564	6.9000e-003	6.6000e-003	362.2477
Mobile	2.2943	5.1220	23.3931	0.0552	3.9149	0.0681	3.9830	1.0451	0.0628	1.1078		4,512.7999	4,512.7999	0.1833		4,516.6489
Total	4.4070	5.4821	30.2430	0.0573	3.9149	0.1276	4.0425	1.0451	0.1223	1.1674	0.0000	4,884.8891	4,884.8891	0.2021	6.6000e-003	4,891.1797

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	2.0797	0.0781	6.7299	3.5000e-004		0.0367	0.0367		0.0367	0.0367	0.0000	12.0327	12.0327	0.0119	0.0000	12.2832
Energy	0.0266	0.2269	0.0965	1.4500e-003		0.0183	0.0183		0.0183	0.0183		289.6336	289.6336	5.5500e-003	5.3100e-003	291.3962
Mobile	2.2931	5.1155	23.3694	0.0551	3.9090	0.0680	3.9770	1.0435	0.0627	1.1062		4,506.1739	4,506.1739	0.1830		4,510.0176
Total	4.3994	5.4204	30.1958	0.0569	3.9090	0.1231	4.0321	1.0435	0.1177	1.1612	0.0000	4,807.8402	4,807.8402	0.2005	5.3100e-003	4,813.6970

	ROG	NOx	CO	SO2	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	0.17	1.13	0.16	0.75	0.15	3.57	0.26	0.15	3.72	0.52	0.00	1.58	1.58	0.79	19.55	1.58

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2016	12/31/2015	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Excavators	3	8.00	162	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	2	8.00	255	0.40

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	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Unmitigated	2.2943	5.1220	23.3931	0.0552	3.9149	0.0681	3.9830	1.0451	0.0628	1.1078		4,512.799 9	4,512.799 9	0.1833		4,516.648 9
Mitigated	2.2931	5.1155	23.3694	0.0551	3.9090	0.0680	3.9770	1.0435	0.0627	1.1062		4,506.173 9	4,506.173 9	0.1830		4,510.017 6

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	648.00	648.00	648.00	1,850,237	1,847,442
Total	648.00	648.00	648.00	1,850,237	1,847,442

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
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511818	0.073499	0.191840	0.131575	0.036332	0.005186	0.012677	0.022513	0.001864	0.002072	0.006564	0.000601	0.003458

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0266	0.2269	0.0965	1.4500e-003		0.0183	0.0183		0.0183	0.0183		289.6336	289.6336	5.5500e-003	5.3100e-003	291.3962
NaturalGas Unmitigated	0.0330	0.2820	0.1200	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.0564	360.0564	6.9000e-003	6.6000e-003	362.2477

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					
Condo/Townhouse	3060.48	0.0330	0.2820	0.1200	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.0564	360.0564	6.9000e-003	6.6000e-003	362.2477
Total		0.0330	0.2820	0.1200	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.0564	360.0564	6.9000e-003	6.6000e-003	362.2477

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	2.46189	0.0266	0.2269	0.0965	1.4500e-003		0.0183	0.0183		0.0183	0.0183		289.6336	289.6336	5.5500e-003	5.3100e-003	291.3962
Total		0.0266	0.2269	0.0965	1.4500e-003		0.0183	0.0183		0.0183	0.0183		289.6336	289.6336	5.5500e-003	5.3100e-003	291.3962

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					
Unmitigated	2.0797	0.0781	6.7299	3.5000e-004		0.0367	0.0367		0.0367	0.0367	0.0000	12.0327	12.0327	0.0119	0.0000	12.2832
Mitigated	2.0797	0.0781	6.7299	3.5000e-004		0.0367	0.0367		0.0367	0.0367	0.0000	12.0327	12.0327	0.0119	0.0000	12.2832

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.7334					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2075	0.0781	6.7299	3.5000e-004		0.0367	0.0367		0.0367	0.0367		12.0327	12.0327	0.0119		12.2832
Total	2.0797	0.0781	6.7299	3.5000e-004		0.0367	0.0367		0.0367	0.0367	0.0000	12.0327	12.0327	0.0119	0.0000	12.2832

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.7334					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2075	0.0781	6.7299	3.5000e-004		0.0367	0.0367		0.0367	0.0367		12.0327	12.0327	0.0119		12.2832
Total	2.0797	0.0781	6.7299	3.5000e-004		0.0367	0.0367		0.0367	0.0367	0.0000	12.0327	12.0327	0.0119	0.0000	12.2832

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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 Vegetation
