

207 Seaside Way
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	113.00	Dwelling Unit	0.67	113,000.00	323
Enclosed Parking Structure	62.70	1000sqft	0.67	62,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	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 - user-defined
- Construction Phase - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment -
- Off-road Equipment - user-defined
- Off-road Equipment -
- Grading - user-defined

Demolition -

Trips and VMT - user-defined

Architectural Coating - user-defined

Area Coating - user-defined

Construction Off-road Equipment Mitigation - user-defined

Mobile Land Use Mitigation -

Area Mitigation - user-defined

Waste Mitigation - user-defined

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	76,275.00	45,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	228,825.00	150,000.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Residential_Exterior	76275	45000
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	10.00	22.00
tblConstructionPhase	NumDays	200.00	352.00
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	NumDays	4.00	32.00
tblConstructionPhase	NumDays	10.00	6.00
tblConstructionPhase	PhaseEndDate	2/17/2017	1/31/2017
tblConstructionPhase	PhaseEndDate	1/19/2017	1/18/2017
tblConstructionPhase	PhaseEndDate	3/17/2015	9/15/2015
tblConstructionPhase	PhaseEndDate	2/8/2017	1/26/2017
tblConstructionPhase	PhaseEndDate	1/5/2015	1/30/2015
tblConstructionPhase	PhaseStartDate	1/19/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	9/16/2015	9/15/2015
tblConstructionPhase	PhaseStartDate	1/31/2015	8/1/2015

tblConstructionPhase	PhaseStartDate	2/1/2017	1/19/2017
tblConstructionPhase	PhaseStartDate	1/2/2015	1/29/2015
tblGrading	AcresOfGrading	24.00	0.67
tblGrading	AcresOfGrading	0.75	0.67
tblGrading	MaterialExported	0.00	2,042.00
tblLandUse	LotAcreage	2.97	0.67
tblLandUse	LotAcreage	1.44	0.67
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblProjectCharacteristics	OperationalYear	2014	2017

tblTripsAndVMT	WorkerTripNumber	22.00	10.00
----------------	------------------	-------	-------

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	0.2306	1.6806	1.3972	2.2900e-003	0.1339	0.0914	0.2253	0.0574	0.0867	0.1441	0.0000	198.0381	198.0381	0.0348	0.0000	198.7694
2016	0.5169	3.0338	3.1979	5.4600e-003	0.1721	0.1837	0.3557	0.0460	0.1769	0.2230	0.0000	450.1940	450.1940	0.0622	0.0000	451.5011
2017	0.4901	0.1956	0.2034	3.6000e-004	0.0102	0.0120	0.0222	2.7300e-003	0.0115	0.0142	0.0000	29.4449	29.4449	4.2300e-003	0.0000	29.5338
Total	1.2376	4.9100	4.7986	8.1100e-003	0.3162	0.2870	0.6032	0.1062	0.2752	0.3813	0.0000	677.6770	677.6770	0.1013	0.0000	679.8043

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	0.2306	1.6806	1.3972	2.2900e-003	0.0575	0.0914	0.1489	0.0195	0.0867	0.1062	0.0000	198.0380	198.0380	0.0348	0.0000	198.7693
2016	0.5169	3.0338	3.1979	5.4600e-003	0.1339	0.1837	0.3176	0.0367	0.1769	0.2136	0.0000	450.1937	450.1937	0.0622	0.0000	451.5008
2017	0.4901	0.1956	0.2034	3.6000e-004	7.9400e-003	0.0120	0.0199	2.1700e-003	0.0115	0.0137	0.0000	29.4449	29.4449	4.2300e-003	0.0000	29.5338
Total	1.2376	4.9100	4.7986	8.1100e-003	0.1994	0.2870	0.4864	0.0583	0.2752	0.3335	0.0000	677.6765	677.6765	0.1013	0.0000	679.8039

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	36.95	0.00	19.37	45.08	0.00	12.55	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1513	0.0231	1.8879	1.1900e-003		0.1143	0.1143		0.1143	0.1143	12.0028	24.9703	36.9730	0.0377	8.1000e-004	38.0175
Energy	6.0400e-003	0.0517	0.0220	3.3000e-004		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	291.8821	291.8821	0.0118	3.3000e-003	293.1543
Mobile	0.4895	1.5600	5.8816	0.0145	0.9655	0.0216	0.9871	0.2586	0.0199	0.2785	0.0000	1,125.2937	1,125.2937	0.0459	0.0000	1,126.2576
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	42.1905	44.5262	0.2418	6.0700e-003	51.4854
Total	1.6469	1.6347	7.7914	0.0160	0.9655	0.1401	1.1056	0.2586	0.1383	0.3969	24.8900	1,484.3366	1,509.2266	0.9608	0.0102	1,532.5613

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7376	0.0137	1.1779	6.0000e-005		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	1.9051	1.9051	1.9100e-003	0.0000	1.9453
Energy	6.0400e-003	0.0517	0.0220	3.3000e-004		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	291.8821	291.8821	0.0118	3.3000e-003	293.1543
Mobile	0.4895	1.5600	5.8816	0.0145	0.9655	0.0216	0.9871	0.2586	0.0199	0.2785	0.0000	1,125.2937	1,125.2937	0.0459	0.0000	1,126.2576

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	2.3358	42.1905	44.5262	0.2418	6.0600e-003	51.4816
Total	1.2332	1.6253	7.0814	0.0149	0.9655	0.0322	0.9977	0.2586	0.0304	0.2890	7.6115	1,461.2714	1,468.8829	0.6132	9.3600e-003	1,484.6621

	ROG	NOx	CO	SO2	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	25.12	0.57	9.11	7.05	0.00	77.04	9.76	0.00	77.99	27.18	69.42	1.55	2.67	36.18	8.06	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	1/1/2015	1/1/2015	5	1	
2	Site Preparation	Site Preparation	1/29/2015	1/30/2015	5	2	
3	Grading	Grading	8/1/2015	9/15/2015	5	32	
4	Building Construction	Building Construction	9/15/2015	1/18/2017	5	352	
5	Architectural Coating	Architectural Coating	1/1/2017	1/31/2017	5	22	
6	Paving	Paving	1/19/2017	1/26/2017	5	6	

Acres of Grading (Site Preparation Phase): 0.67

Acres of Grading (Grading Phase): 0.67

Acres of Paving: 0

Residential Indoor: 150,000; Residential Outdoor: 45,000; Non-Residential Indoor: 94,050; Non-Residential Outdoor: 31,350 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	0	6.00	81	0.73

Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	6.00	174	0.41
Paving	Pavers	1	6.00	125	0.42
Paving	Rollers	1	6.00	80	0.38
Demolition	Rubber Tired Dozers	0	6.00	255	0.40
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Paving	Paving Equipment	1	6.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Welders	3	8.00	46	0.45
Grading	Bore/Drill Rigs	1	6.00	205	0.50
Grading	Cranes	1	6.00	226	0.29
Grading	Crawler Tractors	1	6.00	208	0.43
Grading	Excavators	1	6.00	162	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	255.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	108.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.3 Site Preparation - 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					4.8700e-003	0.0000	4.8700e-003	2.5200e-003	0.0000	2.5200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0200e-003	0.0215	0.0138	1.0000e-005		1.1600e-003	1.1600e-003		1.0700e-003	1.0700e-003	0.0000	1.3053	1.3053	3.9000e-004	0.0000	1.3135
Total	2.0200e-003	0.0215	0.0138	1.0000e-005	4.8700e-003	1.1600e-003	6.0300e-003	2.5200e-003	1.0700e-003	3.5900e-003	0.0000	1.3053	1.3053	3.9000e-004	0.0000	1.3135

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	6.0000e-005	5.9000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0885	0.0885	1.0000e-005	0.0000	0.0886
Total	4.0000e-005	6.0000e-005	5.9000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0885	0.0885	1.0000e-005	0.0000	0.0886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.6000e-004	0.0000	8.6000e-004	4.4000e-004	0.0000	4.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0200e-003	0.0215	0.0138	1.0000e-005		1.1600e-003	1.1600e-003		1.0700e-003	1.0700e-003	0.0000	1.3053	1.3053	3.9000e-004	0.0000	1.3135
Total	2.0200e-003	0.0215	0.0138	1.0000e-005	8.6000e-004	1.1600e-003	2.0200e-003	4.4000e-004	1.0700e-003	1.5100e-003	0.0000	1.3053	1.3053	3.9000e-004	0.0000	1.3135

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	6.0000e-005	5.9000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0885	0.0885	1.0000e-005	0.0000	0.0886
Total	4.0000e-005	6.0000e-005	5.9000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0885	0.0885	1.0000e-005	0.0000	0.0886

3.4 Grading - 2015

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0727	0.0000	0.0727	0.0398	0.0000	0.0398	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0551	0.6552	0.3295	5.1000e-004		0.0297	0.0297		0.0273	0.0273	0.0000	48.6053	48.6053	0.0145	0.0000	48.9100

Total	0.0551	0.6552	0.3295	5.1000e-004	0.0727	0.0297	0.1025	0.0398	0.0273	0.0671	0.0000	48.6053	48.6053	0.0145	0.0000	48.9100
--------------	---------------	---------------	---------------	--------------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------	---------------	---------------	----------------

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.6600e-003	0.0426	0.0308	1.0000e-004	2.1800e-003	6.7000e-004	2.8500e-003	6.0000e-004	6.1000e-004	1.2100e-003	0.0000	8.7946	8.7946	7.0000e-005	0.0000	8.7961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	1.6900e-003	0.0176	3.0000e-005	2.6300e-003	3.0000e-005	2.6600e-003	7.0000e-004	2.0000e-005	7.2000e-004	0.0000	2.6549	2.6549	1.6000e-004	0.0000	2.6582
Total	3.8200e-003	0.0443	0.0484	1.3000e-004	4.8100e-003	7.0000e-004	5.5100e-003	1.3000e-003	6.3000e-004	1.9300e-003	0.0000	11.4495	11.4495	2.3000e-004	0.0000	11.4543

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0128	0.0000	0.0128	6.9800e-003	0.0000	6.9800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0551	0.6552	0.3295	5.1000e-004		0.0297	0.0297		0.0273	0.0273	0.0000	48.6053	48.6053	0.0145	0.0000	48.9100
Total	0.0551	0.6552	0.3295	5.1000e-004	0.0128	0.0297	0.0425	6.9800e-003	0.0273	0.0343	0.0000	48.6053	48.6053	0.0145	0.0000	48.9100

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.6600e-003	0.0426	0.0308	1.0000e-004	1.7500e-003	6.7000e-004	2.4200e-003	4.9000e-004	6.1000e-004	1.1100e-003	0.0000	8.7946	8.7946	7.0000e-005	0.0000	8.7961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	1.6900e-003	0.0176	3.0000e-005	2.0400e-003	3.0000e-005	2.0600e-003	5.5000e-004	2.0000e-005	5.8000e-004	0.0000	2.6549	2.6549	1.6000e-004	0.0000	2.6582
Total	3.8200e-003	0.0443	0.0484	1.3000e-004	3.7900e-003	7.0000e-004	4.4800e-003	1.0400e-003	6.3000e-004	1.6900e-003	0.0000	11.4495	11.4495	2.3000e-004	0.0000	11.4543

3.5 Building Construction - 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					
Off-Road	0.1404	0.8410	0.5852	8.6000e-004		0.0579	0.0579		0.0559	0.0559	0.0000	72.7284	72.7284	0.0168	0.0000	73.0807
Total	0.1404	0.8410	0.5852	8.6000e-004		0.0579	0.0579		0.0559	0.0559	0.0000	72.7284	72.7284	0.0168	0.0000	73.0807

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7800e-003	0.0888	0.1102	1.9000e-004	5.2600e-003	1.4300e-003	6.6900e-003	1.5000e-003	1.3100e-003	2.8100e-003	0.0000	17.2677	17.2677	1.4000e-004	0.0000	17.2707
Worker	0.0204	0.0297	0.3096	5.9000e-004	0.0462	4.7000e-004	0.0466	0.0123	4.3000e-004	0.0127	0.0000	46.5934	46.5934	2.7700e-003	0.0000	46.6516
Total	0.0292	0.1185	0.4198	7.8000e-004	0.0514	1.9000e-003	0.0533	0.0138	1.7400e-003	0.0155	0.0000	63.8611	63.8611	2.9100e-003	0.0000	63.9223

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1404	0.8410	0.5852	8.6000e-004		0.0579	0.0579		0.0559	0.0559	0.0000	72.7283	72.7283	0.0168	0.0000	73.0806
Total	0.1404	0.8410	0.5852	8.6000e-004		0.0579	0.0579		0.0559	0.0559	0.0000	72.7283	72.7283	0.0168	0.0000	73.0806

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7800e-003	0.0888	0.1102	1.9000e-004	4.2700e-003	1.4300e-003	5.6900e-003	1.2600e-003	1.3100e-003	2.5700e-003	0.0000	17.2677	17.2677	1.4000e-004	0.0000	17.2707
Worker	0.0204	0.0297	0.3096	5.9000e-004	0.0358	4.7000e-004	0.0362	9.7100e-003	4.3000e-004	0.0101	0.0000	46.5934	46.5934	2.7700e-003	0.0000	46.6516
Total	0.0292	0.1185	0.4198	7.8000e-004	0.0400	1.9000e-003	0.0419	0.0110	1.7400e-003	0.0127	0.0000	63.8611	63.8611	2.9100e-003	0.0000	63.9223

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4295	2.6812	1.9193	2.8600e-003		0.1782	0.1782		0.1719	0.1719	0.0000	242.3327	242.3327	0.0533	0.0000	243.4513
Total	0.4295	2.6812	1.9193	2.8600e-003		0.1782	0.1782		0.1719	0.1719	0.0000	242.3327	242.3327	0.0533	0.0000	243.4513

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0258	0.2627	0.3412	6.3000e-004	0.0176	3.9400e-003	0.0216	5.0200e-003	3.6300e-003	8.6500e-003	0.0000	57.1570	57.1570	4.3000e-004	0.0000	57.1660
Worker	0.0616	0.0899	0.9375	1.9600e-003	0.1544	1.4900e-003	0.1559	0.0410	1.3700e-003	0.0424	0.0000	150.7042	150.7042	8.5500e-003	0.0000	150.8839
Total	0.0874	0.3526	1.2786	2.5900e-003	0.1721	5.4300e-003	0.1775	0.0460	5.0000e-003	0.0510	0.0000	207.8613	207.8613	8.9800e-003	0.0000	208.0499

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4295	2.6812	1.9193	2.8600e-003		0.1782	0.1782		0.1719	0.1719	0.0000	242.3324	242.3324	0.0533	0.0000	243.4510
Total	0.4295	2.6812	1.9193	2.8600e-003		0.1782	0.1782		0.1719	0.1719	0.0000	242.3324	242.3324	0.0533	0.0000	243.4510

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0258	0.2627	0.3412	6.3000e-004	0.0143	3.9400e-003	0.0182	4.2000e-003	3.6300e-003	7.8300e-003	0.0000	57.1570	57.1570	4.3000e-004	0.0000	57.1660
Worker	0.0616	0.0899	0.9375	1.9600e-003	0.1196	1.4900e-003	0.1211	0.0325	1.3700e-003	0.0339	0.0000	150.7042	150.7042	8.5500e-003	0.0000	150.8839
Total	0.0874	0.3526	1.2786	2.5900e-003	0.1339	5.4300e-003	0.1394	0.0367	5.0000e-003	0.0417	0.0000	207.8613	207.8613	8.9800e-003	0.0000	208.0499

3.5 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	0.0192	0.1242	0.0930	1.4000e-004		7.9700e-003	7.9700e-003		7.6800e-003	7.6800e-003	0.0000	11.9956	11.9956	2.5200e-003	0.0000	12.0484

Total	0.0192	0.1242	0.0930	1.4000e-004		7.9700e-003	7.9700e-003		7.6800e-003	7.6800e-003	0.0000	11.9956	11.9956	2.5200e-003	0.0000	12.0484
--------------	---------------	---------------	---------------	--------------------	--	--------------------	--------------------	--	--------------------	--------------------	---------------	----------------	----------------	--------------------	---------------	----------------

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1700e-003	0.0119	0.0161	3.0000e-005	8.8000e-004	1.8000e-004	1.0500e-003	2.5000e-004	1.6000e-004	4.1000e-004	0.0000	2.8014	2.8014	2.0000e-005	0.0000	2.8019
Worker	2.7500e-003	4.0500e-003	0.0422	1.0000e-004	7.6900e-003	7.0000e-005	7.7600e-003	2.0400e-003	7.0000e-005	2.1100e-003	0.0000	7.2250	7.2250	3.9000e-004	0.0000	7.2333
Total	3.9200e-003	0.0160	0.0583	1.3000e-004	8.5700e-003	2.5000e-004	8.8100e-003	2.2900e-003	2.3000e-004	2.5200e-003	0.0000	10.0265	10.0265	4.1000e-004	0.0000	10.0352

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0192	0.1242	0.0930	1.4000e-004		7.9700e-003	7.9700e-003		7.6800e-003	7.6800e-003	0.0000	11.9956	11.9956	2.5200e-003	0.0000	12.0484
Total	0.0192	0.1242	0.0930	1.4000e-004		7.9700e-003	7.9700e-003		7.6800e-003	7.6800e-003	0.0000	11.9956	11.9956	2.5200e-003	0.0000	12.0484

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1700e-003	0.0119	0.0161	3.0000e-005	7.1000e-004	1.8000e-004	8.9000e-004	2.1000e-004	1.6000e-004	3.7000e-004	0.0000	2.8014	2.8014	2.0000e-005	0.0000	2.8019
Worker	2.7500e-003	4.0500e-003	0.0422	1.0000e-004	5.9600e-003	7.0000e-005	6.0300e-003	1.6200e-003	7.0000e-005	1.6800e-003	0.0000	7.2250	7.2250	3.9000e-004	0.0000	7.2333
Total	3.9200e-003	0.0160	0.0583	1.3000e-004	6.6700e-003	2.5000e-004	6.9200e-003	1.8300e-003	2.3000e-004	2.0500e-003	0.0000	10.0265	10.0265	4.1000e-004	0.0000	10.0352

3.6 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	0.4597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6600e-003	0.0240	0.0206	3.0000e-005		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	2.8086	2.8086	3.0000e-004	0.0000	2.8148
Total	0.4634	0.0240	0.0206	3.0000e-005		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	2.8086	2.8086	3.0000e-004	0.0000	2.8148

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	6.3000e-004	6.6100e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.1321	1.1321	6.0000e-005	0.0000	1.1334
Total	4.3000e-004	6.3000e-004	6.6100e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.1321	1.1321	6.0000e-005	0.0000	1.1334

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6600e-003	0.0240	0.0206	3.0000e-005		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	2.8086	2.8086	3.0000e-004	0.0000	2.8148
Total	0.4634	0.0240	0.0206	3.0000e-005		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	2.8086	2.8086	3.0000e-004	0.0000	2.8148

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	6.3000e-004	6.6100e-003	2.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	1.1321	1.1321	6.0000e-005	0.0000	1.1334
Total	4.3000e-004	6.3000e-004	6.6100e-003	2.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	1.1321	1.1321	6.0000e-005	0.0000	1.1334

3.7 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	2.9900e-003	0.0305	0.0227	3.0000e-005		1.8300e-003	1.8300e-003		1.6900e-003	1.6900e-003	0.0000	3.0808	3.0808	9.2000e-004	0.0000	3.1001
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.9900e-003	0.0305	0.0227	3.0000e-005		1.8300e-003	1.8300e-003		1.6900e-003	1.6900e-003	0.0000	3.0808	3.0808	9.2000e-004	0.0000	3.1001

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-004	2.3000e-004	2.3400e-003	1.0000e-005	4.3000e-004	0.0000	4.3000e-004	1.1000e-004	0.0000	1.2000e-004	0.0000	0.4014	0.4014	2.0000e-005	0.0000	0.4019
Total	1.5000e-004	2.3000e-004	2.3400e-003	1.0000e-005	4.3000e-004	0.0000	4.3000e-004	1.1000e-004	0.0000	1.2000e-004	0.0000	0.4014	0.4014	2.0000e-005	0.0000	0.4019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9900e-003	0.0305	0.0227	3.0000e-005		1.8300e-003	1.8300e-003		1.6900e-003	1.6900e-003	0.0000	3.0808	3.0808	9.2000e-004	0.0000	3.1001
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.9900e-003	0.0305	0.0227	3.0000e-005		1.8300e-003	1.8300e-003		1.6900e-003	1.6900e-003	0.0000	3.0808	3.0808	9.2000e-004	0.0000	3.1001

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-004	2.3000e-004	2.3400e-003	1.0000e-005	3.3000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.4014	0.4014	2.0000e-005	0.0000	0.4019
Total	1.5000e-004	2.3000e-004	2.3400e-003	1.0000e-005	3.3000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.4014	0.4014	2.0000e-005	0.0000	0.4019

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

Category	tons/yr										MT/yr					
	Mitigated	0.4895	1.5600	5.8816	0.0145	0.9655	0.0216	0.9871	0.2586	0.0199	0.2785	0.0000	1,125.2937	1,125.2937	0.0459	0.0000
Unmitigated	0.4895	1.5600	5.8816	0.0145	0.9655	0.0216	0.9871	0.2586	0.0199	0.2785	0.0000	1,125.2937	1,125.2937	0.0459	0.0000	1,126.2576

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	744.67	809.08	685.91	2,547,409	2,547,409
Enclosed Parking Structure	0.00	0.00	0.00		
Total	744.67	809.08	685.91	2,547,409	2,547,409

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.532559	0.058242	0.178229	0.125155	0.038934	0.006273	0.016761	0.032323	0.002478	0.003154	0.003685	0.000544	0.001663

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

Total		6.0400e-003	0.0517	0.0220	3.3000e-004		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	59.8218	59.8218	1.1500e-003	1.1000e-003	60.1858
-------	--	-------------	--------	--------	-------------	--	-------------	-------------	--	-------------	-------------	--------	---------	---------	-------------	-------------	---------

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	400241	114.5359	5.2600e-003	1.0900e-003	114.9841
Enclosed Parking Structure	410685	117.5245	5.4000e-003	1.1200e-003	117.9844
Total		232.0603	0.0107	2.2100e-003	232.9685

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking Structure	410685	117.5245	5.4000e-003	1.1200e-003	117.9844
Apartments Mid Rise	400241	114.5359	5.2600e-003	1.0900e-003	114.9841
Total		232.0603	0.0107	2.2100e-003	232.9685

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7376	0.0137	1.1779	6.0000e-005		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	1.9051	1.9051	1.9100e-003	0.0000	1.9453
Unmitigated	1.1513	0.0231	1.8879	1.1900e-003		0.1143	0.1143		0.1143	0.1143	12.0028	24.9703	36.9730	0.0377	8.1000e-004	38.0175

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	0.1096					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6349					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.3701	9.3900e-003	0.7100	1.1300e-003		0.1079	0.1079		0.1079	0.1079	12.0028	23.0652	35.0679	0.0358	8.1000e-004	36.0722
Landscaping	0.0367	0.0137	1.1779	6.0000e-005		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	1.9051	1.9051	1.9100e-003	0.0000	1.9453
Total	1.1514	0.0231	1.8879	1.1900e-003		0.1143	0.1143		0.1143	0.1143	12.0028	24.9703	36.9730	0.0377	8.1000e-004	38.0175

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	0.0660						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	0.6349						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	
Landscaping	0.0367	0.0137	1.1779	6.0000e-005			6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	1.9051	1.9051	1.9100e-003	0.0000	1.9453
Total	0.7376	0.0137	1.1779	6.0000e-005			6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	1.9051	1.9051	1.9100e-003	0.0000	1.9453

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	44.5262	0.2418	6.0600e-003	51.4816
Unmitigated	44.5262	0.2418	6.0700e-003	51.4854

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	7.3624 / 4.64152	44.5262	0.2418	6.0700e-003	51.4854
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		44.5262	0.2418	6.0700e-003	51.4854

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	7.3624 / 4.64152	44.5262	0.2418	6.0600e-003	51.4816
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		44.5262	0.2418	6.0600e-003	51.4816

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			
Apartments Mid Rise	51.98	10.5515	0.6236	0.0000	23.6465
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		10.5515	0.6236	0.0000	23.6465

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	25.99	5.2757	0.3118	0.0000	11.8233
Enclosed Parking Structure	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
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Vegetation

207 Seaside Way
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	113.00	Dwelling Unit	0.67	113,000.00	323
Enclosed Parking Structure	62.70	1000sqft	0.67	62,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	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 - user-defined
- Construction Phase - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment -
- Off-road Equipment - user-defined
- Off-road Equipment -
- Grading - user-defined

Demolition -

Trips and VMT - user-defined

Architectural Coating - user-defined

Area Coating - user-defined

Construction Off-road Equipment Mitigation - user-defined

Mobile Land Use Mitigation -

Area Mitigation - user-defined

Waste Mitigation - user-defined

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	76,275.00	45,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	228,825.00	150,000.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Residential_Exterior	76275	45000
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	10.00	22.00
tblConstructionPhase	NumDays	200.00	352.00
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	NumDays	4.00	32.00
tblConstructionPhase	NumDays	10.00	6.00
tblConstructionPhase	PhaseEndDate	2/17/2017	1/31/2017
tblConstructionPhase	PhaseEndDate	1/19/2017	1/18/2017
tblConstructionPhase	PhaseEndDate	3/17/2015	9/15/2015
tblConstructionPhase	PhaseEndDate	2/8/2017	1/26/2017
tblConstructionPhase	PhaseEndDate	1/5/2015	1/30/2015
tblConstructionPhase	PhaseStartDate	1/19/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	9/16/2015	9/15/2015
tblConstructionPhase	PhaseStartDate	1/31/2015	8/1/2015

tblConstructionPhase	PhaseStartDate	2/1/2017	1/19/2017
tblConstructionPhase	PhaseStartDate	1/2/2015	1/29/2015
tblGrading	AcresOfGrading	24.00	0.67
tblGrading	AcresOfGrading	0.75	0.67
tblGrading	MaterialExported	0.00	2,042.00
tblLandUse	LotAcreage	2.97	0.67
tblLandUse	LotAcreage	1.44	0.67
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblProjectCharacteristics	OperationalYear	2014	2017

tblTripsAndVMT	WorkerTripNumber	22.00	10.00
----------------	------------------	-------	-------

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	8.0178	67.9803	49.1684	0.0825	6.1967	3.4345	9.6312	2.9278	3.2277	6.1555	0.0000	8,064.3657	8,064.3657	1.5719	0.0000	8,097.3764
2016	3.9579	23.0765	24.4360	0.0425	1.3444	1.4071	2.7515	0.3592	1.3557	1.7149	0.0000	3,858.7716	3,858.7716	0.5257	0.0000	3,869.8117
2017	45.7227	23.6471	25.6956	0.0469	1.4562	1.4378	2.8940	0.3889	1.3913	1.7802	0.0000	4,188.4552	4,188.4552	0.5330	0.0000	4,199.6474
Total	57.6983	114.7039	99.3000	0.1719	8.9973	6.2794	15.2767	3.6758	5.9748	9.6506	0.0000	16,111.5925	16,111.5925	2.6306	0.0000	16,166.8355

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	8.0178	67.9803	49.1684	0.0825	2.0843	3.4345	5.5188	0.7885	3.2277	4.0163	0.0000	8,064.3657	8,064.3657	1.5719	0.0000	8,097.3764
2016	3.9579	23.0765	24.4360	0.0425	1.0454	1.4071	2.4526	0.2858	1.3557	1.6415	0.0000	3,858.7716	3,858.7716	0.5257	0.0000	3,869.8117
2017	45.7227	23.6471	25.6956	0.0469	1.1320	1.4378	2.5698	0.3093	1.3913	1.7006	0.0000	4,188.4552	4,188.4552	0.5330	0.0000	4,199.6474
Total	57.6983	114.7039	99.3000	0.1719	4.2617	6.2794	10.5411	1.3836	5.9748	7.3584	0.0000	16,111.5925	16,111.5925	2.6306	0.0000	16,166.8355

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	52.63	0.00	31.00	62.36	0.00	23.75	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	33.9833	0.8611	66.2216	0.0909		8.6830	8.6830		8.6817	8.6817	1,058.4618	2,050.8001	3,109.2619	3.1734	0.0718	3,198.1745
Energy	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
Mobile	2.9321	8.6578	35.0138	0.0895	5.8711	0.1287	5.9998	1.5700	0.1184	1.6884		7,646.3859	7,646.3859	0.3020		7,652.7271
Total	36.9485	9.8019	101.3558	0.1822	5.8711	8.8346	14.7057	1.5700	8.8230	10.3929	1,058.4618	10,058.5133	11,116.9750	3.4823	0.0785	11,214.4278

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	4.1344	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	16.8001	16.8001	0.0169	0.0000	17.1548
Energy	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
Mobile	2.9321	8.6578	35.0138	0.0895	5.8711	0.1287	5.9998	1.5700	0.1184	1.6884		7,646.3859	7,646.3859	0.3020		7,652.7271
Total	7.0996	9.0506	44.5573	0.0918	5.8711	0.2027	6.0738	1.5700	0.1925	1.7624	0.0000	8,024.5133	8,024.5133	0.3258	6.6200e-003	8,033.4080

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	80.79	7.66	56.04	49.60	0.00	97.71	58.70	0.00	97.82	83.04	100.00	20.22	27.82	90.64	91.56	28.37

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	1/1/2015	1/1/2015	5	1	
2	Site Preparation	Site Preparation	1/29/2015	1/30/2015	5	2	
3	Grading	Grading	8/1/2015	9/15/2015	5	32	
4	Building Construction	Building Construction	9/15/2015	1/18/2017	5	352	
5	Architectural Coating	Architectural Coating	1/1/2017	1/31/2017	5	22	
6	Paving	Paving	1/19/2017	1/26/2017	5	6	

Acres of Grading (Site Preparation Phase): 0.67

Acres of Grading (Grading Phase): 0.67

Acres of Paving: 0

Residential Indoor: 150,000; Residential Outdoor: 45,000; Non-Residential Indoor: 94,050; Non-Residential Outdoor: 31,350 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	0	6.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	6.00	174	0.41
Paving	Pavers	1	6.00	125	0.42

Paving	Rollers	1	6.00	80	0.38
Demolition	Rubber Tired Dozers	0	6.00	255	0.40
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Paving	Paving Equipment	1	6.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Welders	3	8.00	46	0.45
Grading	Bore/Drill Rigs	1	6.00	205	0.50
Grading	Cranes	1	6.00	226	0.29
Grading	Crawler Tractors	1	6.00	208	0.43
Grading	Excavators	1	6.00	162	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	255.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	108.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

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					
Off-Road	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.3 Site Preparation - 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					4.8718	0.0000	4.8718	2.5210	0.0000	2.5210			0.0000		0.0000
Off-Road	2.0215	21.5152	13.7870	0.0137		1.1632	1.1632		1.0702	1.0702		1,438.8641	1,438.8641	0.4296	1,447.8848
Total	2.0215	21.5152	13.7870	0.0137	4.8718	1.1632	6.0350	2.5210	1.0702	3.5912		1,438.8641	1,438.8641	0.4296	1,447.8848

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0395	0.0496	0.6117	1.1600e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		101.7137	101.7137	5.8000e-003		101.8356
Total	0.0395	0.0496	0.6117	1.1600e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		101.7137	101.7137	5.8000e-003		101.8356

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8550	0.0000	0.8550	0.4424	0.0000	0.4424			0.0000			0.0000
Off-Road	2.0215	21.5152	13.7870	0.0137		1.1632	1.1632		1.0702	1.0702	0.0000	1,438.8641	1,438.8641	0.4296		1,447.8848

Total	2.0215	21.5152	13.7870	0.0137	0.8550	1.1632	2.0182	0.4424	1.0702	1.5126	0.0000	1,438.8641	1,438.8641	0.4296		1,447.8848
--------------	---------------	----------------	----------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	-------------------	-------------------	---------------	--	-------------------

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0395	0.0496	0.6117	1.1600e-003	0.0692	8.9000e-004	0.0701	0.0188	8.2000e-004	0.0196		101.7137	101.7137	5.8000e-003		101.8356
Total	0.0395	0.0496	0.6117	1.1600e-003	0.0692	8.9000e-004	0.0701	0.0188	8.2000e-004	0.0196		101.7137	101.7137	5.8000e-003		101.8356

3.4 Grading - 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					4.5460	0.0000	4.5460	2.4862	0.0000	2.4862			0.0000			0.0000
Off-Road	3.4411	40.9498	20.5933	0.0319		1.8575	1.8575		1.7089	1.7089		3,348.6364	3,348.6364	0.9997		3,369.6303
Total	3.4411	40.9498	20.5933	0.0319	4.5460	1.8575	6.4035	2.4862	1.7089	4.1951		3,348.6364	3,348.6364	0.9997		3,369.6303

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1595	2.5284	1.7237	5.9600e-003	0.1387	0.0417	0.1804	0.0380	0.0383	0.0763		606.4949	606.4949	4.9300e-003		606.5985
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0930	1.1469	2.1800e-003	0.1677	1.6800e-003	0.1693	0.0445	1.5300e-003	0.0460		190.7132	190.7132	0.0109		190.9418
Total	0.2335	2.6214	2.8706	8.1400e-003	0.3064	0.0434	0.3498	0.0825	0.0399	0.1223		797.2082	797.2082	0.0158		797.5403

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7978	0.0000	0.7978	0.4363	0.0000	0.4363			0.0000			0.0000
Off-Road	3.4411	40.9498	20.5933	0.0319		1.8575	1.8575		1.7089	1.7089	0.0000	3,348.6364	3,348.6364	0.9997		3,369.6303
Total	3.4411	40.9498	20.5933	0.0319	0.7978	1.8575	2.6553	0.4363	1.7089	2.1452	0.0000	3,348.6364	3,348.6364	0.9997		3,369.6303

Mitigated Construction Off-Site

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

Hauling	0.1595	2.5284	1.7237	5.9600e-003	0.1114	0.0417	0.1530	0.0313	0.0383	0.0696		606.4949	606.4949	4.9300e-003		606.5985
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0930	1.1469	2.1800e-003	0.1298	1.6800e-003	0.1314	0.0352	1.5300e-003	0.0367		190.7132	190.7132	0.0109		190.9418
Total	0.2335	2.6214	2.8706	8.1400e-003	0.2411	0.0434	0.2845	0.0664	0.0399	0.1063		797.2082	797.2082	0.0158		797.5403

3.5 Building Construction - 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					
Off-Road	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344		2,055.6247	2,055.6247	0.4741		2,065.5812
Total	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344		2,055.6247	2,055.6247	0.4741		2,065.5812

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2107	2.1754	2.4426	4.8400e-003	0.1371	0.0365	0.1736	0.0390	0.0335	0.0725		489.7613	489.7613	3.9300e-003		489.8438
Worker	0.5326	0.6695	8.2579	0.0157	1.2072	0.0121	1.2193	0.3202	0.0111	0.3312		1,373.1352	1,373.1352	0.0784		1,374.7809
Total	0.7433	2.8449	10.7004	0.0206	1.3443	0.0485	1.3929	0.3592	0.0446	0.4037		1,862.8965	1,862.8965	0.0823		1,864.6247

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344	0.0000	2,055.6247	2,055.6247	0.4741		2,065.5812
Total	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344	0.0000	2,055.6247	2,055.6247	0.4741		2,065.5812

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2107	2.1754	2.4426	4.8400e-003	0.1111	0.0365	0.1475	0.0326	0.0335	0.0661		489.7613	489.7613	3.9300e-003		489.8438
Worker	0.5326	0.6695	8.2579	0.0157	0.9343	0.0121	0.9464	0.2532	0.0111	0.2642		1,373.1352	1,373.1352	0.0784		1,374.7809
Total	0.7433	2.8449	10.7004	0.0206	1.0454	0.0485	1.0939	0.2858	0.0446	0.3304		1,862.8965	1,862.8965	0.0823		1,864.6247

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2915	20.5459	14.7074	0.0220		1.3656	1.3656		1.3176	1.3176		2,046.9432	2,046.9432	0.4499		2,056.3913
Total	3.2915	20.5459	14.7074	0.0220		1.3656	1.3656		1.3176	1.3176		2,046.9432	2,046.9432	0.4499		2,056.3913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1854	1.9252	2.2367	4.8300e-003	0.1372	0.0301	0.1673	0.0390	0.0277	0.0667		484.4854	484.4854	3.5600e-003		484.5600
Worker	0.4810	0.6054	7.4919	0.0157	1.2072	0.0114	1.2186	0.3202	0.0105	0.3306		1,327.3430	1,327.3430	0.0723		1,328.8604
Total	0.6664	2.5306	9.7286	0.0205	1.3444	0.0415	1.3859	0.3592	0.0382	0.3974		1,811.8283	1,811.8283	0.0758		1,813.4204

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2915	20.5459	14.7074	0.0220		1.3656	1.3656		1.3176	1.3176	0.0000	2,046.9432	2,046.9432	0.4499		2,056.3913

Total	3.2915	20.5459	14.7074	0.0220		1.3656	1.3656		1.3176	1.3176	0.0000	2,046.9432	2,046.9432	0.4499		2,056.3913
-------	--------	---------	---------	--------	--	--------	--------	--	--------	--------	--------	------------	------------	--------	--	------------

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1854	1.9252	2.2367	4.8300e-003	0.1111	0.0301	0.1412	0.0326	0.0277	0.0603		484.4854	484.4854	3.5600e-003		484.5600
Worker	0.4810	0.6054	7.4919	0.0157	0.9343	0.0114	0.9457	0.2532	0.0105	0.2637		1,327.3430	1,327.3430	0.0723		1,328.8604
Total	0.6664	2.5306	9.7286	0.0205	1.0454	0.0415	1.0869	0.2858	0.0382	0.3240		1,811.8283	1,811.8283	0.0758		1,813.4204

3.5 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	2.9546	19.1088	14.3110	0.0220		1.2257	1.2257		1.1823	1.1823		2,034.2860	2,034.2860	0.4268		2,043.2497
Total	2.9546	19.1088	14.3110	0.0220		1.2257	1.2257		1.1823	1.1823		2,034.2860	2,034.2860	0.4268		2,043.2497

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.1695	1.7551	2.1000	4.8300e-003	0.1373	0.0268	0.1641	0.0391	0.0247	0.0637		476.7487	476.7487	3.4400e-003			476.8209
Worker	0.4323	0.5475	6.7880	0.0157	1.2072	0.0109	1.2181	0.3202	0.0101	0.3302		1,277.6697	1,277.6697	0.0668			1,279.0721
Total	0.6018	2.3026	8.8880	0.0205	1.3445	0.0378	1.3822	0.3592	0.0347	0.3940		1,754.4184	1,754.4184	0.0702			1,755.8931

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.9546	19.1088	14.3110	0.0220		1.2257	1.2257		1.1823	1.1823	0.0000	2,034.2860	2,034.2860	0.4268			2,043.2497
Total	2.9546	19.1088	14.3110	0.0220		1.2257	1.2257		1.1823	1.1823	0.0000	2,034.2860	2,034.2860	0.4268			2,043.2497

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1695	1.7551	2.1000	4.8300e-003	0.1112	0.0268	0.1380	0.0327	0.0247	0.0573		476.7487	476.7487	3.4400e-003		476.8209
Worker	0.4323	0.5475	6.7880	0.0157	0.9343	0.0109	0.9453	0.2532	0.0101	0.2633		1,277.6697	1,277.6697	0.0668		1,279.0721
Total	0.6018	2.3026	8.8880	0.0205	1.0455	0.0378	1.0832	0.2858	0.0347	0.3206		1,754.4184	1,754.4184	0.0702		1,755.8931

3.6 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	41.7940					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	42.1263	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	0.0400	0.0507	0.6285	1.4500e-003	0.1118	1.0100e-003	0.1128	0.0296	9.3000e-004	0.0306		118.3028	118.3028	6.1800e-003		118.4326
Total	0.0400	0.0507	0.6285	1.4500e-003	0.1118	1.0100e-003	0.1128	0.0296	9.3000e-004	0.0306		118.3028	118.3028	6.1800e-003		118.4326

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.7940					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	42.1263	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	0.0400	0.0507	0.6285	1.4500e-003	0.0865	1.0100e-003	0.0875	0.0234	9.3000e-004	0.0244		118.3028	118.3028	6.1800e-003		118.4326
Total	0.0400	0.0507	0.6285	1.4500e-003	0.0865	1.0100e-003	0.0875	0.0234	9.3000e-004	0.0244		118.3028	118.3028	6.1800e-003		118.4326

3.7 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	0.9969	10.1704	7.5493	0.0112		0.6096	0.6096		0.5617	0.5617		1,131.9830	1,131.9830	0.3392		1,139.1054
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9969	10.1704	7.5493	0.0112		0.6096	0.6096		0.5617	0.5617		1,131.9830	1,131.9830	0.3392		1,139.1054

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0520	0.0659	0.8171	1.8900e-003	0.1453	1.3200e-003	0.1466	0.0385	1.2100e-003	0.0398		153.7936	153.7936	8.0400e-003		153.9624
Total	0.0520	0.0659	0.8171	1.8900e-003	0.1453	1.3200e-003	0.1466	0.0385	1.2100e-003	0.0398		153.7936	153.7936	8.0400e-003		153.9624

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9969	10.1704	7.5493	0.0112		0.6096	0.6096		0.5617	0.5617	0.0000	1,131.9830	1,131.9830	0.3392		1,139.1054

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9969	10.1704	7.5493	0.0112		0.6096	0.6096		0.5617	0.5617	0.0000	1,131.9830	1,131.9830	0.3392		1,139.1054

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0520	0.0659	0.8171	1.8900e-003	0.1125	1.3200e-003	0.1138	0.0305	1.2100e-003	0.0317		153.7936	153.7936	8.0400e-003		153.9624
Total	0.0520	0.0659	0.8171	1.8900e-003	0.1125	1.3200e-003	0.1138	0.0305	1.2100e-003	0.0317		153.7936	153.7936	8.0400e-003		153.9624

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.9321	8.6578	35.0138	0.0895	5.8711	0.1287	5.9998	1.5700	0.1184	1.6884		7,646.3859	7,646.3859	0.3020		7,652.7271
Unmitigated	2.9321	8.6578	35.0138	0.0895	5.8711	0.1287	5.9998	1.5700	0.1184	1.6884		7,646.3859	7,646.3859	0.3020		7,652.7271

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	744.67	809.08	685.91	2,547,409	2,547,409
Enclosed Parking Structure	0.00	0.00	0.00		
Total	744.67	809.08	685.91	2,547,409	2,547,409

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.532559	0.058242	0.178229	0.125155	0.038934	0.006273	0.016761	0.032323	0.002478	0.003154	0.003685	0.000544	0.001663

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
NaturalGas Unmitigated	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	3071.28	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262

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					
Apartments Mid Rise	3.07128	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.1344	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	16.8001	16.8001	0.0169	0.0000	17.1548
Unmitigated	33.9833	0.8611	66.2216	0.0909		8.6830	8.6830		8.6817	8.6817	1,058.4618	2,050.8001	3,109.2619	3.1734	0.0718	3,198.1745

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	0.6005					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4789					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	29.6101	0.7513	56.7985	0.0904		8.6319	8.6319		8.6305	8.6305	1,058.4618	2,034.0000	3,092.4618	3.1565	0.0718	3,181.0197
Landscaping	0.2938	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512		16.8001	16.8001	0.0169		17.1548
Total	33.9833	0.8611	66.2216	0.0909		8.6830	8.6830		8.6817	8.6817	1,058.4618	2,050.8001	3,109.2619	3.1734	0.0718	3,198.1745

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	0.3617					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4789					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	0.2938	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512		16.8001	16.8001	0.0169		17.1548
Total	4.1344	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	16.8001	16.8001	0.0169	0.0000	17.1548

7.0 Water Detail

7.1 Mitigation Measures Water

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
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Vegetation

207 Seaside Way
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	113.00	Dwelling Unit	0.67	113,000.00	323
Enclosed Parking Structure	62.70	1000sqft	0.67	62,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	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 - user-defined
- Construction Phase - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment - user-defined
- Off-road Equipment -
- Off-road Equipment - user-defined
- Off-road Equipment -
- Grading - user-defined

Demolition -

Trips and VMT - user-defined

Architectural Coating - user-defined

Area Coating - user-defined

Construction Off-road Equipment Mitigation - user-defined

Mobile Land Use Mitigation -

Area Mitigation - user-defined

Waste Mitigation - user-defined

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	76,275.00	45,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	228,825.00	150,000.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Residential_Exterior	76275	45000
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	10.00	22.00
tblConstructionPhase	NumDays	200.00	352.00
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	NumDays	4.00	32.00
tblConstructionPhase	NumDays	10.00	6.00
tblConstructionPhase	PhaseEndDate	2/17/2017	1/31/2017
tblConstructionPhase	PhaseEndDate	1/19/2017	1/18/2017
tblConstructionPhase	PhaseEndDate	3/17/2015	9/15/2015
tblConstructionPhase	PhaseEndDate	2/8/2017	1/26/2017
tblConstructionPhase	PhaseEndDate	1/5/2015	1/30/2015
tblConstructionPhase	PhaseStartDate	1/19/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	9/16/2015	9/15/2015
tblConstructionPhase	PhaseStartDate	1/31/2015	8/1/2015

tblConstructionPhase	PhaseStartDate	2/1/2017	1/19/2017
tblConstructionPhase	PhaseStartDate	1/2/2015	1/29/2015
tblGrading	AcresOfGrading	24.00	0.67
tblGrading	AcresOfGrading	0.75	0.67
tblGrading	MaterialExported	0.00	2,042.00
tblLandUse	LotAcreage	2.97	0.67
tblLandUse	LotAcreage	1.44	0.67
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblProjectCharacteristics	OperationalYear	2014	2017

tblTripsAndVMT	WorkerTripNumber	22.00	10.00
----------------	------------------	-------	-------

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	8.0759	68.2085	49.3695	0.0815	6.1967	3.4351	9.6318	2.9278	3.2283	6.1561	0.0000	7,971.1810	7,971.1810	1.5721	0.0000	8,004.1952
2016	3.9964	23.1907	24.4654	0.0416	1.3444	1.4075	2.7518	0.3592	1.3560	1.7152	0.0000	3,780.2395	3,780.2395	0.5258	0.0000	3,791.2817
2017	45.7573	23.7554	25.6977	0.0459	1.4562	1.4380	2.8942	0.3889	1.3916	1.7804	0.0000	4,106.0273	4,106.0273	0.5331	0.0000	4,117.2216
Total	57.8296	115.1546	99.5327	0.1689	8.9973	6.2805	15.2779	3.6758	5.9759	9.6517	0.0000	15,857.4477	15,857.4477	2.6310	0.0000	15,912.6986

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	8.0759	68.2085	49.3695	0.0815	2.0843	3.4351	5.5194	0.7885	3.2283	4.0168	0.0000	7,971.1810	7,971.1810	1.5721	0.0000	8,004.1952
2016	3.9964	23.1907	24.4654	0.0416	1.0454	1.4075	2.4529	0.2858	1.3560	1.6418	0.0000	3,780.2395	3,780.2395	0.5258	0.0000	3,791.2817
2017	45.7573	23.7554	25.6977	0.0459	1.1320	1.4380	2.5700	0.3093	1.3916	1.7008	0.0000	4,106.0273	4,106.0273	0.5331	0.0000	4,117.2216
Total	57.8296	115.1546	99.5327	0.1689	4.2617	6.2805	10.5423	1.3836	5.9759	7.3595	0.0000	15,857.4477	15,857.4477	2.6310	0.0000	15,912.6986

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	52.63	0.00	31.00	62.36	0.00	23.75	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	33.9833	0.8611	66.2216	0.0909		8.6830	8.6830		8.6817	8.6817	1,058.4618	2,050.8001	3,109.2619	3.1734	0.0718	3,198.1745
Energy	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
Mobile	3.0698	9.1271	34.8924	0.0855	5.8711	0.1291	6.0003	1.5700	0.1189	1.6888		7,313.5161	7,313.5161	0.3022		7,319.8622
Total	37.0862	10.2713	101.2345	0.1782	5.8711	8.8351	14.7062	1.5700	8.8234	10.3934	1,058.4618	9,725.6435	10,784.1052	3.4825	0.0785	10,881.5628

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	4.1344	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	16.8001	16.8001	0.0169	0.0000	17.1548
Energy	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
Mobile	3.0698	9.1271	34.8924	0.0855	5.8711	0.1291	6.0003	1.5700	0.1189	1.6888		7,313.5161	7,313.5161	0.3022		7,319.8622
Total	7.2373	9.5200	44.4359	0.0878	5.8711	0.2032	6.0743	1.5700	0.1929	1.7628	0.0000	7,691.6435	7,691.6435	0.3260	6.6200e-003	7,700.5431

	ROG	NOx	CO	SO2	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	80.49	7.31	56.11	50.73	0.00	97.70	58.70	0.00	97.81	83.04	100.00	20.91	28.68	90.64	91.56	29.23

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	1/1/2015	1/1/2015	5	1	
2	Site Preparation	Site Preparation	1/29/2015	1/30/2015	5	2	
3	Grading	Grading	8/1/2015	9/15/2015	5	32	
4	Building Construction	Building Construction	9/15/2015	1/18/2017	5	352	
5	Architectural Coating	Architectural Coating	1/1/2017	1/31/2017	5	22	
6	Paving	Paving	1/19/2017	1/26/2017	5	6	

Acres of Grading (Site Preparation Phase): 0.67

Acres of Grading (Grading Phase): 0.67

Acres of Paving: 0

Residential Indoor: 150,000; Residential Outdoor: 45,000; Non-Residential Indoor: 94,050; Non-Residential Outdoor: 31,350 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	0	6.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	6.00	174	0.41
Paving	Pavers	1	6.00	125	0.42

Paving	Rollers	1	6.00	80	0.38
Demolition	Rubber Tired Dozers	0	6.00	255	0.40
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Paving	Paving Equipment	1	6.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Welders	3	8.00	46	0.45
Grading	Bore/Drill Rigs	1	6.00	205	0.50
Grading	Cranes	1	6.00	226	0.29
Grading	Crawler Tractors	1	6.00	208	0.43
Grading	Excavators	1	6.00	162	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	255.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	108.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

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					
Off-Road	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.3 Site Preparation - 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					4.8718	0.0000	4.8718	2.5210	0.0000	2.5210			0.0000		0.0000
Off-Road	2.0215	21.5152	13.7870	0.0137		1.1632	1.1632		1.0702	1.0702		1,438.8641	1,438.8641	0.4296	1,447.8848
Total	2.0215	21.5152	13.7870	0.0137	4.8718	1.1632	6.0350	2.5210	1.0702	3.5912		1,438.8641	1,438.8641	0.4296	1,447.8848

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8550	0.0000	0.8550	0.4424	0.0000	0.4424			0.0000			0.0000
Off-Road	2.0215	21.5152	13.7870	0.0137		1.1632	1.1632		1.0702	1.0702	0.0000	1,438.8641	1,438.8641	0.4296		1,447.8848

Total	2.0215	21.5152	13.7870	0.0137	0.8550	1.1632	2.0182	0.4424	1.0702	1.5126	0.0000	1,438.8641	1,438.8641	0.4296		1,447.8848
--------------	---------------	----------------	----------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	-------------------	-------------------	---------------	--	-------------------

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0692	8.9000e-004	0.0701	0.0188	8.2000e-004	0.0196		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0411	0.0550	0.5764	1.1000e-003	0.0692	8.9000e-004	0.0701	0.0188	8.2000e-004	0.0196		96.0086	96.0086	5.8000e-003		96.1305

3.4 Grading - 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					4.5460	0.0000	4.5460	2.4862	0.0000	2.4862			0.0000			0.0000
Off-Road	3.4411	40.9498	20.5933	0.0319		1.8575	1.8575		1.7089	1.7089		3,348.6364	3,348.6364	0.9997		3,369.6303
Total	3.4411	40.9498	20.5933	0.0319	4.5460	1.8575	6.4035	2.4862	1.7089	4.1951		3,348.6364	3,348.6364	0.9997		3,369.6303

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1695	2.6175	1.9756	5.9500e-003	0.1387	0.0418	0.1806	0.0380	0.0385	0.0765		605.0751	605.0751	4.9900e-003		605.1799
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0771	0.1031	1.0807	2.0600e-003	0.1677	1.6800e-003	0.1693	0.0445	1.5300e-003	0.0460		180.0161	180.0161	0.0109		180.2447
Total	0.2466	2.7206	3.0563	8.0100e-003	0.3064	0.0435	0.3499	0.0825	0.0400	0.1225		785.0913	785.0913	0.0159		785.4246

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7978	0.0000	0.7978	0.4363	0.0000	0.4363			0.0000			0.0000
Off-Road	3.4411	40.9498	20.5933	0.0319		1.8575	1.8575		1.7089	1.7089	0.0000	3,348.6364	3,348.6364	0.9997		3,369.6303
Total	3.4411	40.9498	20.5933	0.0319	0.7978	1.8575	2.6553	0.4363	1.7089	2.1452	0.0000	3,348.6364	3,348.6364	0.9997		3,369.6303

Mitigated Construction Off-Site

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

Hauling	0.1695	2.6175	1.9756	5.9500e-003	0.1114	0.0418	0.1532	0.0313	0.0385	0.0697		605.0751	605.0751	4.9900e-003		605.1799
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0771	0.1031	1.0807	2.0600e-003	0.1298	1.6800e-003	0.1314	0.0352	1.5300e-003	0.0367		180.0161	180.0161	0.0109		180.2447
Total	0.2466	2.7206	3.0563	8.0100e-003	0.2411	0.0435	0.2846	0.0664	0.0400	0.1064		785.0913	785.0913	0.0159		785.4246

3.5 Building Construction - 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					
Off-Road	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344		2,055.6247	2,055.6247	0.4741		2,065.5812
Total	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344		2,055.6247	2,055.6247	0.4741		2,065.5812

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2331	2.2314	2.9349	4.8100e-003	0.1371	0.0369	0.1741	0.0390	0.0339	0.0730		485.7125	485.7125	4.0400e-003		485.7973
Worker	0.5551	0.7425	7.7810	0.0148	1.2072	0.0121	1.2193	0.3202	0.0111	0.3312		1,296.1161	1,296.1161	0.0784		1,297.7618
Total	0.7882	2.9739	10.7159	0.0196	1.3443	0.0490	1.3933	0.3592	0.0450	0.4042		1,781.8287	1,781.8287	0.0824		1,783.5591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344	0.0000	2,055.6247	2,055.6247	0.4741		2,065.5812
Total	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344	0.0000	2,055.6247	2,055.6247	0.4741		2,065.5812

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2331	2.2314	2.9349	4.8100e-003	0.1111	0.0369	0.1480	0.0326	0.0339	0.0666		485.7125	485.7125	4.0400e-003		485.7973
Worker	0.5551	0.7425	7.7810	0.0148	0.9343	0.0121	0.9464	0.2532	0.0111	0.2642		1,296.1161	1,296.1161	0.0784		1,297.7618
Total	0.7882	2.9739	10.7159	0.0196	1.0454	0.0490	1.0944	0.2858	0.0450	0.3308		1,781.8287	1,781.8287	0.0824		1,783.5591

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2915	20.5459	14.7074	0.0220		1.3656	1.3656		1.3176	1.3176		2,046.9432	2,046.9432	0.4499		2,056.3913
Total	3.2915	20.5459	14.7074	0.0220		1.3656	1.3656		1.3176	1.3176		2,046.9432	2,046.9432	0.4499		2,056.3913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2045	1.9735	2.7232	4.8000e-003	0.1372	0.0304	0.1676	0.0390	0.0280	0.0670		480.4626	480.4626	3.6600e-003		480.5395
Worker	0.5004	0.6713	7.0348	0.0148	1.2072	0.0114	1.2186	0.3202	0.0105	0.3306		1,252.8336	1,252.8336	0.0723		1,254.3510
Total	0.7049	2.6449	9.7580	0.0196	1.3444	0.0418	1.3862	0.3592	0.0385	0.3977		1,733.2962	1,733.2962	0.0759		1,734.8905

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2915	20.5459	14.7074	0.0220		1.3656	1.3656		1.3176	1.3176	0.0000	2,046.9432	2,046.9432	0.4499		2,056.3913

Total	3.2915	20.5459	14.7074	0.0220		1.3656	1.3656		1.3176	1.3176	0.0000	2,046.9432	2,046.9432	0.4499		2,056.3913
-------	--------	---------	---------	--------	--	--------	--------	--	--------	--------	--------	------------	------------	--------	--	------------

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2045	1.9735	2.7232	4.8000e-003	0.1111	0.0304	0.1415	0.0326	0.0280	0.0606		480.4626	480.4626	3.6600e-003		480.5395
Worker	0.5004	0.6713	7.0348	0.0148	0.9343	0.0114	0.9457	0.2532	0.0105	0.2637		1,252.8336	1,252.8336	0.0723		1,254.3510
Total	0.7049	2.6449	9.7580	0.0196	1.0454	0.0418	1.0873	0.2858	0.0385	0.3243		1,733.2962	1,733.2962	0.0759		1,734.8905

3.5 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	2.9546	19.1088	14.3110	0.0220		1.2257	1.2257		1.1823	1.1823		2,034.2860	2,034.2860	0.4268		2,043.2497
Total	2.9546	19.1088	14.3110	0.0220		1.2257	1.2257		1.1823	1.1823		2,034.2860	2,034.2860	0.4268		2,043.2497

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1862	1.7982	2.5830	4.8000e-003	0.1373	0.0271	0.1643	0.0391	0.0249	0.0640		472.7814	472.7814	3.5500e-003		472.8559
Worker	0.4487	0.6072	6.3479	0.0148	1.2072	0.0109	1.2181	0.3202	0.0101	0.3302		1,205.8583	1,205.8583	0.0668		1,207.2607
Total	0.6349	2.4053	8.9309	0.0196	1.3445	0.0380	1.3825	0.3592	0.0350	0.3942		1,678.6397	1,678.6397	0.0703		1,680.1165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9546	19.1088	14.3110	0.0220		1.2257	1.2257		1.1823	1.1823	0.0000	2,034.2860	2,034.2860	0.4268		2,043.2497
Total	2.9546	19.1088	14.3110	0.0220		1.2257	1.2257		1.1823	1.1823	0.0000	2,034.2860	2,034.2860	0.4268		2,043.2497

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1862	1.7982	2.5830	4.8000e-003	0.1112	0.0271	0.1383	0.0327	0.0249	0.0576		472.7814	472.7814	3.5500e-003		472.8559
Worker	0.4487	0.6072	6.3479	0.0148	0.9343	0.0109	0.9453	0.2532	0.0101	0.2633		1,205.8583	1,205.8583	0.0668		1,207.2607
Total	0.6349	2.4053	8.9309	0.0196	1.0455	0.0380	1.0835	0.2858	0.0350	0.3208		1,678.6397	1,678.6397	0.0703		1,680.1165

3.6 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	41.7940					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	42.1263	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	0.0416	0.0562	0.5878	1.3700e-003	0.1118	1.0100e-003	0.1128	0.0296	9.3000e-004	0.0306		111.6535	111.6535	6.1800e-003		111.7834
Total	0.0416	0.0562	0.5878	1.3700e-003	0.1118	1.0100e-003	0.1128	0.0296	9.3000e-004	0.0306		111.6535	111.6535	6.1800e-003		111.7834

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.7940					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	42.1263	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	0.0416	0.0562	0.5878	1.3700e-003	0.0865	1.0100e-003	0.0875	0.0234	9.3000e-004	0.0244		111.6535	111.6535	6.1800e-003		111.7834
Total	0.0416	0.0562	0.5878	1.3700e-003	0.0865	1.0100e-003	0.0875	0.0234	9.3000e-004	0.0244		111.6535	111.6535	6.1800e-003		111.7834

3.7 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	0.9969	10.1704	7.5493	0.0112		0.6096	0.6096		0.5617	0.5617		1,131.9830	1,131.9830	0.3392		1,139.1054
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9969	10.1704	7.5493	0.0112		0.6096	0.6096		0.5617	0.5617		1,131.9830	1,131.9830	0.3392		1,139.1054

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0540	0.0731	0.7641	1.7800e-003	0.1453	1.3200e-003	0.1466	0.0385	1.2100e-003	0.0398		145.1496	145.1496	8.0400e-003		145.3184
Total	0.0540	0.0731	0.7641	1.7800e-003	0.1453	1.3200e-003	0.1466	0.0385	1.2100e-003	0.0398		145.1496	145.1496	8.0400e-003		145.3184

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9969	10.1704	7.5493	0.0112		0.6096	0.6096		0.5617	0.5617	0.0000	1,131.9830	1,131.9830	0.3392		1,139.1054

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9969	10.1704	7.5493	0.0112		0.6096	0.6096		0.5617	0.5617	0.0000	1,131.9830	1,131.9830	0.3392		1,139.1054

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0540	0.0731	0.7641	1.7800e-003	0.1125	1.3200e-003	0.1138	0.0305	1.2100e-003	0.0317		145.1496	145.1496	8.0400e-003		145.3184
Total	0.0540	0.0731	0.7641	1.7800e-003	0.1125	1.3200e-003	0.1138	0.0305	1.2100e-003	0.0317		145.1496	145.1496	8.0400e-003		145.3184

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.0698	9.1271	34.8924	0.0855	5.8711	0.1291	6.0003	1.5700	0.1189	1.6888		7,313.5161	7,313.5161	0.3022		7,319.8622
Unmitigated	3.0698	9.1271	34.8924	0.0855	5.8711	0.1291	6.0003	1.5700	0.1189	1.6888		7,313.5161	7,313.5161	0.3022		7,319.8622

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	744.67	809.08	685.91	2,547,409	2,547,409
Enclosed Parking Structure	0.00	0.00	0.00		
Total	744.67	809.08	685.91	2,547,409	2,547,409

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.532559	0.058242	0.178229	0.125155	0.038934	0.006273	0.016761	0.032323	0.002478	0.003154	0.003685	0.000544	0.001663

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
NaturalGas Unmitigated	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	3071.28	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	3.07128	0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0331	0.2830	0.1204	1.8100e-003		0.0229	0.0229		0.0229	0.0229		361.3272	361.3272	6.9300e-003	6.6200e-003	363.5262

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.1344	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	16.8001	16.8001	0.0169	0.0000	17.1548
Unmitigated	33.9833	0.8611	66.2216	0.0909		8.6830	8.6830		8.6817	8.6817	1,058.4618	2,050.8001	3,109.2619	3.1734	0.0718	3,198.1745

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	0.6005					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4789					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	29.6101	0.7513	56.7985	0.0904		8.6319	8.6319		8.6305	8.6305	1,058.4618	2,034.0000	3,092.4618	3.1565	0.0718	3,181.0197
Landscaping	0.2938	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512		16.8001	16.8001	0.0169		17.1548
Total	33.9833	0.8611	66.2216	0.0909		8.6830	8.6830		8.6817	8.6817	1,058.4618	2,050.8001	3,109.2619	3.1734	0.0718	3,198.1745

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	0.3617					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Consumer Products	3.4789					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	0.0000
Landscaping	0.2938	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512		16.8001	16.8001	0.0169			17.1548
Total	4.1344	0.1098	9.4231	4.9000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	16.8001	16.8001	0.0169	0.0000		17.1548

7.0 Water Detail

7.1 Mitigation Measures Water

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
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Vegetation
