

Demolition -

Grading - user-defined

Architectural Coating - user-defined

Woodstoves - user-defined

Area Coating - user-defined

Construction Off-road Equipment Mitigation - user-defined

Mobile Land Use Mitigation -

Area Mitigation - user-defined

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Interior	437,400.00	417,000.00
tblAreaCoating	Area_Residential_Interior	437400	417400
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	18.00	65.00
tblConstructionPhase	NumDays	230.00	349.00
tblConstructionPhase	NumDays	20.00	38.00
tblConstructionPhase	NumDays	8.00	84.00
tblConstructionPhase	NumDays	18.00	65.00
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	PhaseEndDate	2/29/2016	12/30/2016
tblConstructionPhase	PhaseEndDate	12/30/2016	12/29/2016
tblConstructionPhase	PhaseEndDate	3/30/2017	11/30/2015

tblConstructionPhase	PhaseEndDate	5/20/2015	5/5/2015
tblConstructionPhase	PhaseStartDate	12/1/2015	10/3/2016
tblConstructionPhase	PhaseStartDate	9/1/2015	8/31/2015
tblConstructionPhase	PhaseStartDate	12/30/2016	9/1/2015
tblConstructionPhase	PhaseStartDate	5/16/2015	5/1/2015
tblFireplaces	NumberGas	183.60	0.00
tblFireplaces	NumberNoFireplace	21.60	216.00
tblFireplaces	NumberWood	10.80	0.00
tblGrading	AcresOfGrading	63.00	1.76
tblGrading	AcresOfGrading	0.00	1.76
tblGrading	MaterialExported	0.00	6,500.00
tblGrading	MaterialExported	0.00	15,200.00
tblGrading	MaterialImported	0.00	1,150.00
tblGrading	MaterialImported	0.00	8,700.00
tblLandUse	LotAcreage	5.68	1.76
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblTripsAndVMT	HaulingTripNumber	1,900.00	500.00
tblTripsAndVMT	HaulingTripNumber	813.00	200.00

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	0.9254	10.2023	6.0615	0.0116	0.5535	0.4345	0.9880	0.2562	0.4027	0.6589	0.0000	1,070.6555	1,070.6555	0.2627	0.0000	1,076.1715
2016	2.5637	8.6110	5.9438	0.0128	0.3101	0.3673	0.6773	0.0829	0.3438	0.4267	0.0000	1,125.1397	1,125.1397	0.2217	0.0000	1,129.7963
Total	3.4891	18.8133	12.0053	0.0243	0.8635	0.8018	1.6653	0.3391	0.7465	1.0856	0.0000	2,195.7952	2,195.7952	0.4844	0.0000	2,205.9678

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	0.3055	4.8655	6.4613	0.0116	0.2106	0.1993	0.4099	0.0753	0.1988	0.2741	0.0000	1,070.6544	1,070.6544	0.2627	0.0000	1,076.1704
2016	2.0578	4.5124	6.9077	0.0128	0.3101	0.1929	0.5029	0.0829	0.1921	0.2751	0.0000	1,125.1388	1,125.1388	0.2217	0.0000	1,129.7954
Total	2.3634	9.3778	13.3690	0.0243	0.5206	0.3922	0.9128	0.1582	0.3909	0.5492	0.0000	2,195.7932	2,195.7932	0.4844	0.0000	2,205.9658

	ROG	NOx	CO	SO2	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	32.27	50.15	-11.36	0.00	39.71	51.09	45.18	53.34	47.63	49.41	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	1.3715	0.0370	2.9118	2.2800e-003		0.1202	0.1202		0.1202	0.1202	14.4555	3.6387	18.0942	0.0712	0.0000	19.5900
Energy	0.0116	0.0987	0.0420	6.3000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	476.9869	476.9869	0.0189	5.5500e-003	479.1020
Mobile	0.9357	2.9818	11.2426	0.0277	1.8456	0.0413	1.8868	0.4943	0.0380	0.5323	0.0000	2,151.0040	2,151.0040	0.0877	0.0000	2,152.8463
Waste						0.0000	0.0000		0.0000	0.0000	20.1692	0.0000	20.1692	1.1920	0.0000	45.2004
Water						0.0000	0.0000		0.0000	0.0000	4.4648	80.6473	85.1121	0.4623	0.0116	98.4145

Total	2.3187	3.1176	14.1964	0.0306	1.8456	0.1694	2.0150	0.4943	0.1661	0.6604	39.0895	2,712.2768	2,751.3662	1.8321	0.0171	2,795.1532
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Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.2453	0.0262	2.2500	1.2000e-004		0.0122	0.0122		0.0122	0.0122	0.0000	3.6387	3.6387	3.6500e-003	0.0000	3.7154
Energy	0.0116	0.0987	0.0420	6.3000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	476.9869	476.9869	0.0189	5.5500e-003	479.1020
Mobile	0.8547	2.3652	9.2596	0.0213	1.4063	0.0319	1.4382	0.3767	0.0294	0.4061	0.0000	1,651.4491	1,651.4491	0.0685	0.0000	1,652.8865
Waste						0.0000	0.0000		0.0000	0.0000	10.0846	0.0000	10.0846	0.5960	0.0000	22.6002
Water						0.0000	0.0000		0.0000	0.0000	3.5718	68.4387	72.0105	0.3699	9.3000e-003	82.6621
Total	2.1115	2.4901	11.5517	0.0221	1.4063	0.0521	1.4584	0.3767	0.0496	0.4263	13.6564	2,200.5133	2,214.1698	1.0569	0.0149	2,240.9662

	ROG	NOx	CO	SO2	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	8.93	20.13	18.63	28.04	23.80	69.22	27.62	23.80	70.14	35.46	65.06	18.87	19.52	42.31	13.36	19.83

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/25/2015	5/15/2015	5	38	
2	Site Preparation	Site Preparation	5/1/2015	5/5/2015	5	3	
3	Grading	Grading	5/6/2015	8/31/2015	5	84	
4	Building Construction	Building Construction	8/31/2015	12/29/2016	5	349	

5	Paving	Paving	9/1/2015	11/30/2015	5	65
6	Architectural Coating	Architectural Coating	10/3/2016	12/30/2016	5	65

Acres of Grading (Site Preparation Phase): 1.76

Acres of Grading (Grading Phase): 1.76

Acres of Paving: 0

Residential Indoor: 417,000; Residential Outdoor: 145,800; Non-Residential Indoor: 114,998; Non-Residential Outdoor: 38,333

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	6.00	81	0.73
Demolition	Excavators	2	6.00	162	0.38
Demolition	Off-Highway Trucks	4	6.00	400	0.38
Demolition	Rubber Tired Dozers	0	6.00	255	0.40
Demolition	Rubber Tired Loaders	2	6.00	199	0.36
Site Preparation	Rubber Tired Dozers	2	6.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Excavators	2	6.00	162	0.38
Grading	Graders	0	6.00	174	0.41
Grading	Off-Highway Trucks	4	6.00	400	0.38
Grading	Rollers	1	6.00	80	0.38
Grading	Rubber Tired Dozers	2	6.00	255	0.40
Grading	Rubber Tired Loaders	2	6.00	199	0.36
Grading	Scrapers	1	6.00	361	0.48
Grading	Skid Steer Loaders	2	6.00	64	0.37
Grading	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Building Construction	Concrete/Industrial Saws	2	6.00	81	0.73
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Crawler Tractors	3	6.00	208	0.43
Building Construction	Forklifts	0	8.00	89	0.20

Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Off-Highway Trucks	2	6.00	400	0.38
Building Construction	Rough Terrain Forklifts	2	6.00	100	0.40
Building Construction	Rubber Tired Loaders	1	6.00	199	0.36
Building Construction	Skid Steer Loaders	1	6.00	64	0.37
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Graders	1	6.00	174	0.41
Paving	Off-Highway Trucks	4	6.00	400	0.38
Paving	Pavers	1	6.00	125	0.42
Paving	Paving Equipment	1	6.00	130	0.36
Paving	Rollers	1	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	10	25.00	0.00	178.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	0.00	500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	14	35.00	0.00	200.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	188.00	36.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	38.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0193	0.0000	0.0193	2.9200e-003	0.0000	2.9200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1055	1.1662	0.5709	1.2500e-003		0.0509	0.0509		0.0477	0.0477	0.0000	117.8201	117.8201	0.0322	0.0000	118.4973
Total	0.1055	1.1662	0.5709	1.2500e-003	0.0193	0.0509	0.0702	2.9200e-003	0.0477	0.0507	0.0000	117.8201	117.8201	0.0322	0.0000	118.4973

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.8600e-003	0.0298	0.0215	7.0000e-005	1.5200e-003	4.7000e-004	1.9900e-003	4.2000e-004	4.3000e-004	8.5000e-004	0.0000	6.1390	6.1390	5.0000e-005	0.0000	6.1400
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-003	3.3500e-003	0.0349	7.0000e-005	5.2100e-003	5.0000e-005	5.2600e-003	1.3800e-003	5.0000e-005	1.4300e-003	0.0000	5.2545	5.2545	3.1000e-004	0.0000	5.2610
Total	4.1600e-003	0.0331	0.0564	1.4000e-004	6.7300e-003	5.2000e-004	7.2500e-003	1.8000e-003	4.8000e-004	2.2800e-003	0.0000	11.3935	11.3935	3.6000e-004	0.0000	11.4011

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.3800e-003	0.0000	3.3800e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0299	0.5913	0.7154	1.2500e-003		0.0258	0.0258		0.0258	0.0258	0.0000	117.8200	117.8200	0.0322	0.0000	118.4971
Total	0.0299	0.5913	0.7154	1.2500e-003	3.3800e-003	0.0258	0.0292	5.1000e-004	0.0258	0.0263	0.0000	117.8200	117.8200	0.0322	0.0000	118.4971

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.8600e-003	0.0298	0.0215	7.0000e-005	1.5200e-003	4.7000e-004	1.9900e-003	4.2000e-004	4.3000e-004	8.5000e-004	0.0000	6.1390	6.1390	5.0000e-005	0.0000	6.1400
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-003	3.3500e-003	0.0349	7.0000e-005	5.2100e-003	5.0000e-005	5.2600e-003	1.3800e-003	5.0000e-005	1.4300e-003	0.0000	5.2545	5.2545	3.1000e-004	0.0000	5.2610
Total	4.1600e-003	0.0331	0.0564	1.4000e-004	6.7300e-003	5.2000e-004	7.2500e-003	1.8000e-003	4.8000e-004	2.2800e-003	0.0000	11.3935	11.3935	3.6000e-004	0.0000	11.4011

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
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Category	tons/yr									MT/yr						
Fugitive Dust					0.0158	0.0000	0.0158	7.7500e-003	0.0000	7.7500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6800e-003	0.0401	0.0302	3.0000e-005		2.1100e-003	2.1100e-003		1.9500e-003	1.9500e-003	0.0000	2.5748	2.5748	7.7000e-004	0.0000	2.5909
Total	3.6800e-003	0.0401	0.0302	3.0000e-005	0.0158	2.1100e-003	0.0179	7.7500e-003	1.9500e-003	9.7000e-003	0.0000	2.5748	2.5748	7.7000e-004	0.0000	2.5909

Unmitigated 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	5.2100e-003	0.0836	0.0603	1.9000e-004	4.2800e-003	1.3100e-003	5.5900e-003	1.1700e-003	1.2000e-003	2.3800e-003	0.0000	17.2443	17.2443	1.4000e-004	0.0000	17.2473
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	1.1000e-004	1.1000e-003	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1659	0.1659	1.0000e-005	0.0000	0.1661
Total	5.2800e-003	0.0837	0.0614	1.9000e-004	4.4400e-003	1.3100e-003	5.7600e-003	1.2100e-003	1.2000e-003	2.4300e-003	0.0000	17.4102	17.4102	1.5000e-004	0.0000	17.4134

Mitigated 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					2.7800e-003	0.0000	2.7800e-003	1.3600e-003	0.0000	1.3600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	0.0133	0.0158	3.0000e-005		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	2.5748	2.5748	7.7000e-004	0.0000	2.5909

Total	6.6000e-004	0.0133	0.0158	3.0000e-005	2.7800e-003	6.3000e-004	3.4100e-003	1.3600e-003	6.3000e-004	1.9900e-003	0.0000	2.5748	2.5748	7.7000e-004	0.0000	2.5909
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.2100e-003	0.0836	0.0603	1.9000e-004	4.2800e-003	1.3100e-003	5.5900e-003	1.1700e-003	1.2000e-003	2.3800e-003	0.0000	17.2443	17.2443	1.4000e-004	0.0000	17.2473
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	1.1000e-004	1.1000e-003	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1659	0.1659	1.0000e-005	0.0000	0.1661
Total	5.2800e-003	0.0837	0.0614	1.9000e-004	4.4400e-003	1.3100e-003	5.7600e-003	1.2100e-003	1.2000e-003	2.4300e-003	0.0000	17.4102	17.4102	1.5000e-004	0.0000	17.4134

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	tons/yr										MT/yr					
Fugitive Dust					0.3808	0.0000	0.3808	0.2087	0.0000	0.2087	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3333	3.9618	2.2308	3.6200e-003		0.1678	0.1678		0.1544	0.1544	0.0000	344.7379	344.7379	0.1029	0.0000	346.8992
Total	0.3333	3.9618	2.2308	3.6200e-003	0.3808	0.1678	0.5485	0.2087	0.1544	0.3631	0.0000	344.7379	344.7379	0.1029	0.0000	346.8992

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0900e-003	0.0334	0.0241	7.0000e-005	1.7100e-003	5.2000e-004	2.2400e-003	4.7000e-004	4.8000e-004	9.5000e-004	0.0000	6.8977	6.8977	6.0000e-005	0.0000	6.8989
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1300e-003	0.0104	0.1081	2.0000e-004	0.0161	1.6000e-004	0.0163	4.2800e-003	1.5000e-004	4.4300e-003	0.0000	16.2612	16.2612	9.7000e-004	0.0000	16.2816
Total	9.2200e-003	0.0438	0.1322	2.7000e-004	0.0178	6.8000e-004	0.0185	4.7500e-003	6.3000e-004	5.3800e-003	0.0000	23.1590	23.1590	1.0300e-003	0.0000	23.1805

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0668	0.0000	0.0668	0.0366	0.0000	0.0366	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0886	1.7317	2.0431	3.6200e-003		0.0711	0.0711		0.0711	0.0711	0.0000	344.7375	344.7375	0.1029	0.0000	346.8988
Total	0.0886	1.7317	2.0431	3.6200e-003	0.0668	0.0711	0.1380	0.0366	0.0711	0.1078	0.0000	344.7375	344.7375	0.1029	0.0000	346.8988

Mitigated Construction Off-Site

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

Hauling	2.0900e-003	0.0334	0.0241	7.0000e-005	1.7100e-003	5.2000e-004	2.2400e-003	4.7000e-004	4.8000e-004	9.5000e-004	0.0000	6.8977	6.8977	6.0000e-005	0.0000	6.8989
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1300e-003	0.0104	0.1081	2.0000e-004	0.0161	1.6000e-004	0.0163	4.2800e-003	1.5000e-004	4.4300e-003	0.0000	16.2612	16.2612	9.7000e-004	0.0000	16.2816
Total	9.2200e-003	0.0438	0.1322	2.7000e-004	0.0178	6.8000e-004	0.0185	4.7500e-003	6.3000e-004	5.3800e-003	0.0000	23.1590	23.1590	1.0300e-003	0.0000	23.1805

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	0.2495	2.8890	1.2749	2.7600e-003		0.1301	0.1301		0.1218	0.1218	0.0000	258.8669	258.8669	0.0704	0.0000	260.3458
Total	0.2495	2.8890	1.2749	2.7600e-003		0.1301	0.1301		0.1218	0.1218	0.0000	258.8669	258.8669	0.0704	0.0000	260.3458

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0164	0.1657	0.2057	3.5000e-004	9.8200e-003	2.6700e-003	0.0125	2.8000e-003	2.4500e-003	5.2500e-003	0.0000	32.2411	32.2411	2.6000e-004	0.0000	32.2466
Worker	0.0406	0.0590	0.6150	1.1700e-003	0.0917	9.3000e-004	0.0926	0.0244	8.6000e-004	0.0252	0.0000	92.5452	92.5452	5.5100e-003	0.0000	92.6608
Total	0.0570	0.2248	0.8207	1.5200e-003	0.1015	3.6000e-003	0.1051	0.0272	3.3100e-003	0.0305	0.0000	124.7863	124.7863	5.7700e-003	0.0000	124.9074

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0658	1.3269	1.5692	2.7600e-003		0.0618	0.0618		0.0618	0.0618	0.0000	258.8666	258.8666	0.0704	0.0000	260.3455
Total	0.0658	1.3269	1.5692	2.7600e-003		0.0618	0.0618		0.0618	0.0618	0.0000	258.8666	258.8666	0.0704	0.0000	260.3455

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0164	0.1657	0.2057	3.5000e-004	9.8200e-003	2.6700e-003	0.0125	2.8000e-003	2.4500e-003	5.2500e-003	0.0000	32.2411	32.2411	2.6000e-004	0.0000	32.2466
Worker	0.0406	0.0590	0.6150	1.1700e-003	0.0917	9.3000e-004	0.0926	0.0244	8.6000e-004	0.0252	0.0000	92.5452	92.5452	5.5100e-003	0.0000	92.6608
Total	0.0570	0.2248	0.8207	1.5200e-003	0.1015	3.6000e-003	0.1051	0.0272	3.3100e-003	0.0305	0.0000	124.7863	124.7863	5.7700e-003	0.0000	124.9074

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	0.6881	7.9419	3.6187	8.0600e-003		0.3517	0.3517		0.3290	0.3290	0.0000	749.1328	749.1328	0.2045	0.0000	753.4271
Total	0.6881	7.9419	3.6187	8.0600e-003		0.3517	0.3517		0.3290	0.3290	0.0000	749.1328	749.1328	0.2045	0.0000	753.4271

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0421	0.4282	0.5562	1.0300e-003	0.0287	6.4300e-003	0.0351	8.1900e-003	5.9100e-003	0.0141	0.0000	93.1714	93.1714	6.9000e-004	0.0000	93.1859
Worker	0.1068	0.1560	1.6256	3.4100e-003	0.2678	2.5800e-003	0.2704	0.0711	2.3700e-003	0.0735	0.0000	261.3319	261.3319	0.0148	0.0000	261.6434
Total	0.1488	0.5841	2.1818	4.4400e-003	0.2965	9.0100e-003	0.3055	0.0793	8.2800e-003	0.0876	0.0000	354.5032	354.5032	0.0155	0.0000	354.8293

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1922	3.8763	4.5843	8.0600e-003		0.1806	0.1806		0.1806	0.1806	0.0000	749.1319	749.1319	0.2045	0.0000	753.4262

Total	0.1922	3.8763	4.5843	8.0600e-003		0.1806	0.1806		0.1806	0.1806	0.0000	749.1319	749.1319	0.2045	0.0000	753.4262
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0421	0.4282	0.5562	1.0300e-003	0.0287	6.4300e-003	0.0351	8.1900e-003	5.9100e-003	0.0141	0.0000	93.1714	93.1714	6.9000e-004	0.0000	93.1859
Worker	0.1068	0.1560	1.6256	3.4100e-003	0.2678	2.5800e-003	0.2704	0.0711	2.3700e-003	0.0735	0.0000	261.3319	261.3319	0.0148	0.0000	261.6434
Total	0.1488	0.5841	2.1818	4.4400e-003	0.2965	9.0100e-003	0.3055	0.0793	8.2800e-003	0.0876	0.0000	354.5032	354.5032	0.0155	0.0000	354.8293

3.6 Paving - 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	0.1546	1.7553	0.8363	1.7100e-003		0.0773	0.0773		0.0712	0.0712	0.0000	162.7166	162.7166	0.0486	0.0000	163.7367
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1546	1.7553	0.8363	1.7100e-003		0.0773	0.0773		0.0712	0.0712	0.0000	162.7166	162.7166	0.0486	0.0000	163.7367

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1500e-003	4.5900e-003	0.0478	9.0000e-005	7.1200e-003	7.0000e-005	7.2000e-003	1.8900e-003	7.0000e-005	1.9600e-003	0.0000	7.1903	7.1903	4.3000e-004	0.0000	7.1993
Total	3.1500e-003	4.5900e-003	0.0478	9.0000e-005	7.1200e-003	7.0000e-005	7.2000e-003	1.8900e-003	7.0000e-005	1.9600e-003	0.0000	7.1903	7.1903	4.3000e-004	0.0000	7.1993

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0417	0.8124	0.9994	1.7100e-003		0.0337	0.0337		0.0337	0.0337	0.0000	162.7164	162.7164	0.0486	0.0000	163.7365
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0417	0.8124	0.9994	1.7100e-003		0.0337	0.0337		0.0337	0.0337	0.0000	162.7164	162.7164	0.0486	0.0000	163.7365

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1500e-003	4.5900e-003	0.0478	9.0000e-005	7.1200e-003	7.0000e-005	7.2000e-003	1.8900e-003	7.0000e-005	1.9600e-003	0.0000	7.1903	7.1903	4.3000e-004	0.0000	7.1993
Total	3.1500e-003	4.5900e-003	0.0478	9.0000e-005	7.1200e-003	7.0000e-005	7.2000e-003	1.8900e-003	7.0000e-005	1.9600e-003	0.0000	7.1903	7.1903	4.3000e-004	0.0000	7.1993

3.7 Architectural Coating - 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					
Archit. Coating	1.7095					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0771	0.0612	1.0000e-004		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	8.2981	8.2981	9.8000e-004	0.0000	8.3186
Total	1.7214	0.0771	0.0612	1.0000e-004		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	8.2981	8.2981	9.8000e-004	0.0000	8.3186

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3900e-003	7.8800e-003	0.0821	1.7000e-004	0.0135	1.3000e-004	0.0137	3.5900e-003	1.2000e-004	3.7100e-003	0.0000	13.2056	13.2056	7.5000e-004	0.0000	13.2213
Total	5.3900e-003	7.8800e-003	0.0821	1.7000e-004	0.0135	1.3000e-004	0.0137	3.5900e-003	1.2000e-004	3.7100e-003	0.0000	13.2056	13.2056	7.5000e-004	0.0000	13.2213

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7095					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9300e-003	0.0441	0.0596	1.0000e-004		3.0900e-003	3.0900e-003		3.0900e-003	3.0900e-003	0.0000	8.2981	8.2981	9.8000e-004	0.0000	8.3186
Total	1.7114	0.0441	0.0596	1.0000e-004		3.0900e-003	3.0900e-003		3.0900e-003	3.0900e-003	0.0000	8.2981	8.2981	9.8000e-004	0.0000	8.3186

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3900e-003	7.8800e-003	0.0821	1.7000e-004	0.0135	1.3000e-004	0.0137	3.5900e-003	1.2000e-004	3.7100e-003	0.0000	13.2056	13.2056	7.5000e-004	0.0000	13.2213
Total	5.3900e-003	7.8800e-003	0.0821	1.7000e-004	0.0135	1.3000e-004	0.0137	3.5900e-003	1.2000e-004	3.7100e-003	0.0000	13.2056	13.2056	7.5000e-004	0.0000	13.2213

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility
 Increase Transit Accessibility
 Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8547	2.3652	9.2596	0.0213	1.4063	0.0319	1.4382	0.3767	0.0294	0.4061	0.0000	1,651.4491	1,651.4491	0.0685	0.0000	1,652.8865
Unmitigated	0.9357	2.9818	11.2426	0.0277	1.8456	0.0413	1.8868	0.4943	0.0380	0.5323	0.0000	2,151.0040	2,151.0040	0.0877	0.0000	2,152.8463

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,423.44	1,546.56	1311.12	4,869,383	3,710,314
Enclosed Parking Structure	0.00	0.00	0.00		
Total	1,423.44	1,546.56	1,311.12	4,869,383	3,710,314

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
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	362.6373	362.6373	0.0167	3.4500e-003	364.0565
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	362.6373	362.6373	0.0167	3.4500e-003	364.0565
NaturalGas Mitigated	0.0116	0.0987	0.0420	6.3000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	114.3496	114.3496	2.1900e-003	2.1000e-003	115.0455
NaturalGas Unmitigated	0.0116	0.0987	0.0420	6.3000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	114.3496	114.3496	2.1900e-003	2.1000e-003	115.0455

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
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	0.0000
Apartments Mid Rise	2.14283e+006	0.0116	0.0987	0.0420	6.3000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	114.3496	114.3496	2.1900e-003	2.1000e-003	115.0455
Total		0.0116	0.0987	0.0420	6.3000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	114.3496	114.3496	2.1900e-003	2.1000e-003	115.0455

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	tons/yr										MT/yr					
Apartments Mid Rise	2.14283e+006	0.0116	0.0987	0.0420	6.3000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	114.3496	114.3496	2.1900e-003	2.1000e-003	115.0455
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	0.0000
Total		0.0116	0.0987	0.0420	6.3000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	114.3496	114.3496	2.1900e-003	2.1000e-003	115.0455

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	765063	218.9358	0.0101	2.0800e-003	219.7926
Enclosed Parking Structure	502160	143.7015	6.6100e-003	1.3700e-003	144.2639
Total		362.6373	0.0167	3.4500e-003	364.0565

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	765063	218.9358	0.0101	2.0800e-003	219.7926

Enclosed Parking Structure	502160	143.7015	6.6100e-003	1.3700e-003	144.2639
Total		362.6373	0.0167	3.4500e-003	364.0565

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

Use only Natural Gas Hearths

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	1.2453	0.0262	2.2500	1.2000e-004		0.0122	0.0122		0.0122	0.0122	0.0000	3.6387	3.6387	3.6500e-003	0.0000	3.7154
Unmitigated	1.3715	0.0370	2.9118	2.2800e-003		0.1202	0.1202		0.1202	0.1202	14.4555	3.6387	18.0942	0.0712	0.0000	19.5900

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	0.1710					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	1.0576					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Hearth	0.0729	0.0108	0.6618	2.1600e-003		0.1080	0.1080		0.1080	0.1080	14.4555	0.0000	14.4555	0.0676	0.0000	15.8746
Landscaping	0.0701	0.0262	2.2500	1.2000e-004		0.0122	0.0122		0.0122	0.0122	0.0000	3.6387	3.6387	3.6500e-003	0.0000	3.7154
Total	1.3715	0.0370	2.9118	2.2800e-003		0.1202	0.1202		0.1202	0.1202	14.4555	3.6387	18.0942	0.0712	0.0000	19.5900

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	0.1177						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	1.0576						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	0.0701	0.0262	2.2500	1.2000e-004			0.0122	0.0122		0.0122	0.0122	0.0000	3.6387	3.6387	3.6500e-003	0.0000	3.7154
Total	1.2453	0.0262	2.2500	1.2000e-004			0.0122	0.0122		0.0122	0.0122	0.0000	3.6387	3.6387	3.6500e-003	0.0000	3.7154

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	72.0105	0.3699	9.3000e-003	82.6621
Unmitigated	85.1121	0.4623	0.0116	98.4145

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	14.0733 / 8.87228	85.1121	0.4623	0.0116	98.4145
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		85.1121	0.4623	0.0116	98.4145

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	11.2586 / 8.33107	72.0105	0.3699	9.3000e-003	82.6621

Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		72.0105	0.3699	9.3000e-003	82.6621

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0846	0.5960	0.0000	22.6002
Unmitigated	20.1692	1.1920	0.0000	45.2004

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	99.36	20.1692	1.1920	0.0000	45.2004
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		20.1692	1.1920	0.0000	45.2004

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	49.68	10.0846	0.5960	0.0000	22.6002
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		10.0846	0.5960	0.0000	22.6002

9.0 Operational Offroad

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

Demolition -

Grading - user-defined

Architectural Coating - user-defined

Woodstoves - user-defined

Area Coating - user-defined

Construction Off-road Equipment Mitigation - user-defined

Mobile Land Use Mitigation -

Area Mitigation - user-defined

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Interior	437,400.00	417,000.00
tblAreaCoating	Area_Residential_Interior	437400	417400
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstructionPhase	NumDays	18.00	65.00
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	PhaseEndDate	2/29/2016	12/30/2016
tblConstructionPhase	PhaseEndDate	12/30/2016	12/29/2016
tblConstructionPhase	PhaseEndDate	3/30/2017	11/30/2015

tblConstructionPhase	PhaseEndDate	5/20/2015	5/5/2015
tblConstructionPhase	PhaseStartDate	12/1/2015	10/3/2016
tblConstructionPhase	PhaseStartDate	9/1/2015	8/31/2015
tblConstructionPhase	PhaseStartDate	12/30/2016	9/1/2015
tblConstructionPhase	PhaseStartDate	5/16/2015	5/1/2015
tblFireplaces	NumberGas	183.60	0.00
tblFireplaces	NumberNoFireplace	21.60	216.00
tblFireplaces	NumberWood	10.80	0.00
tblGrading	AcresOfGrading	63.00	1.76
tblGrading	AcresOfGrading	0.00	1.76
tblGrading	MaterialExported	0.00	6,500.00
tblGrading	MaterialExported	0.00	15,200.00
tblGrading	MaterialImported	0.00	1,150.00
tblGrading	MaterialImported	0.00	8,700.00
tblLandUse	LotAcreage	5.68	1.76
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
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tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblTripsAndVMT	HaulingTripNumber	1,900.00	500.00
tblTripsAndVMT	HaulingTripNumber	813.00	200.00

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	15.0345	164.9472	103.3265	0.2173	14.9445	7.0160	19.9350	6.2430	6.5012	12.2067	0.0000	22,213.9965	22,213.9965	4.6198	0.0000	22,311.0115
2016	59.5697	67.8809	49.0577	0.1057	2.7507	2.9754	5.7261	0.7338	2.7948	3.5286	0.0000	10,203.9656	10,203.9656	1.9241	0.0000	10,244.3721
Total	74.6042	232.8281	152.3842	0.3230	17.6951	9.9915	25.6610	6.9768	9.2959	15.7353	0.0000	32,417.9621	32,417.9621	6.5439	0.0000	32,555.3836

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	5.6155	94.5676	105.4716	0.2173	5.4051	3.1802	8.0823	1.8547	3.1723	4.7806	0.0000	22,213.9965	22,213.9965	4.6198	0.0000	22,311.0115
2016	55.4463	35.5915	56.4335	0.1057	2.7507	1.5578	4.3084	0.7338	1.5519	2.2857	0.0000	10,203.9656	10,203.9656	1.9241	0.0000	10,244.3721
Total	61.0619	130.1591	161.9051	0.3230	8.1558	4.7379	12.3908	2.5885	4.7242	7.0663	0.0000	32,417.9621	32,417.9621	6.5439	0.0000	32,555.3836

	ROG	NOx	CO	SO2	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	18.15	44.10	-6.25	0.00	53.91	52.58	51.71	62.90	49.18	55.09	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	13.1218	1.0735	70.9420	0.1737		8.7343	8.7343		8.7343	8.7343	1,274.7539	32.0877	1,306.8416	5.9914	0.0000	1,432.6614
Energy	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
Mobile	5.6048	16.5494	66.9290	0.1712	11.2227	0.2460	11.4686	3.0010	0.2264	3.2273		14,616.1005	14,616.1005	0.5772		14,628.2217
Total	18.7899	18.1639	138.1012	0.3483	11.2227	9.0240	20.2467	3.0010	9.0044	12.0054	1,274.7539	15,338.8668	16,613.6206	6.5819	0.0127	16,755.7650

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.0001	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977	0.0000	32.0877	32.0877	0.0322	0.0000	32.7640
Energy	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
Mobile	5.1131	13.1546	54.3158	0.1314	8.5513	0.1903	8.7417	2.2867	0.1752	2.4618		11,220.3916	11,220.3916	0.4503		11,229.8476
Total	12.1765	13.9054	72.5460	0.1358	8.5513	0.3318	8.8831	2.2867	0.3167	2.6033	0.0000	11,943.1578	11,943.1578	0.4957	0.0127	11,957.4935

	ROG	NOx	CO	SO2	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	35.20	23.44	47.47	61.01	23.80	96.32	56.13	23.80	96.48	78.32	100.00	22.14	28.11	92.47	0.00	28.64

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	3/25/2015	5/15/2015	5	38	
2	Site Preparation	Site Preparation	5/1/2015	5/5/2015	5	3	
3	Grading	Grading	5/6/2015	8/31/2015	5	84	
4	Building Construction	Building Construction	8/31/2015	12/29/2016	5	349	
5	Paving	Paving	9/1/2015	11/30/2015	5	65	
6	Architectural Coating	Architectural Coating	10/3/2016	12/30/2016	5	65	

Acres of Grading (Site Preparation Phase): 1.76

Acres of Grading (Grading Phase): 1.76

Acres of Paving: 0

Residential Indoor: 417,000; Residential Outdoor: 145,800; Non-Residential Indoor: 114,998; Non-Residential Outdoor: 38,333

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	6.00	81	0.73
Demolition	Excavators	2	6.00	162	0.38
Demolition	Off-Highway Trucks	4	6.00	400	0.38
Demolition	Rubber Tired Dozers	0	6.00	255	0.40
Demolition	Rubber Tired Loaders	2	6.00	199	0.36
Site Preparation	Rubber Tired Dozers	2	6.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Excavators	2	6.00	162	0.38
Grading	Graders	0	6.00	174	0.41
Grading	Off-Highway Trucks	4	6.00	400	0.38
Grading	Rollers	1	6.00	80	0.38
Grading	Rubber Tired Dozers	2	6.00	255	0.40
Grading	Rubber Tired Loaders	2	6.00	199	0.36
Grading	Scrapers	1	6.00	361	0.48
Grading	Skid Steer Loaders	2	6.00	64	0.37
Grading	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Building Construction	Concrete/Industrial Saws	2	6.00	81	0.73
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Crawler Tractors	3	6.00	208	0.43
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Off-Highway Trucks	2	6.00	400	0.38
Building Construction	Rough Terrain Forklifts	2	6.00	100	0.40
Building Construction	Rubber Tired Loaders	1	6.00	199	0.36
Building Construction	Skid Steer Loaders	1	6.00	64	0.37
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37

Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Graders	1	6.00	174	0.41
Paving	Off-Highway Trucks	4	6.00	400	0.38
Paving	Pavers	1	6.00	125	0.42
Paving	Paving Equipment	1	6.00	130	0.36
Paving	Rollers	1	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	10	25.00	0.00	178.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	0.00	500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	14	35.00	0.00	200.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	188.00	36.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	38.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					1.0136	0.0000	1.0136	0.1535	0.0000	0.1535			0.0000				0.0000
Off-Road	5.5540	61.3808	30.0487	0.0660		2.6805	2.6805		2.5126	2.5126		6,835.4980	6,835.4980	1.8707			6,874.7827
Total	5.5540	61.3808	30.0487	0.0660	1.0136	2.6805	3.6941	0.1535	2.5126	2.6661		6,835.4980	6,835.4980	1.8707			6,874.7827

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0938	1.4863	1.0132	3.5000e-003	0.0816	0.0245	0.1061	0.0223	0.0225	0.0449		356.5114	356.5114	2.9000e-003			356.5722
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.1233	0.1550	1.9115	3.6400e-003	0.2794	2.7900e-003	0.2822	0.0741	2.5600e-003	0.0767		317.8554	317.8554	0.0181			318.2363
Total	0.2170	1.6413	2.9248	7.1400e-003	0.3610	0.0273	0.3883	0.0964	0.0251	0.1215		674.3667	674.3667	0.0210			674.8085

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1779	0.0000	0.1779	0.0269	0.0000	0.0269			0.0000			0.0000
Off-Road	1.5757	31.1201	37.6519	0.0660		1.3573	1.3573		1.3573	1.3573	0.0000	6,835.4980	6,835.4980	1.8707		6,874.7827
Total	1.5757	31.1201	37.6519	0.0660	0.1779	1.3573	1.5352	0.0269	1.3573	1.3842	0.0000	6,835.4980	6,835.4980	1.8707		6,874.7827

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0938	1.4863	1.0132	3.5000e-003	0.0816	0.0245	0.1061	0.0223	0.0225	0.0449		356.5114	356.5114	2.9000e-003		356.5722
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1233	0.1550	1.9115	3.6400e-003	0.2794	2.7900e-003	0.2822	0.0741	2.5600e-003	0.0767		317.8554	317.8554	0.0181		318.2363
Total	0.2170	1.6413	2.9248	7.1400e-003	0.3610	0.0273	0.3883	0.0964	0.0251	0.1215		674.3667	674.3667	0.0210		674.8085

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					10.5562	0.0000	10.5562	5.1690	0.0000	5.1690			0.0000			0.0000
Off-Road	2.4503	26.7288	20.1031	0.0180		1.4098	1.4098		1.2970	1.2970		1,892.1284	1,892.1284	0.5649		1,903.9908
Total	2.4503	26.7288	20.1031	0.0180	10.5562	1.4098	11.9661	5.1690	1.2970	6.4660		1,892.1284	1,892.1284	0.5649		1,903.9908

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3358	52.8822	36.0507	0.1246	2.9018	0.8718	3.7736	0.7945	0.8018	1.5963		12,684.8613	12,684.8613	0.1031		12,687.0270
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0493	0.0620	0.7646	1.4500e-003	0.1118	1.1200e-003	0.1129	0.0296	1.0200e-003	0.0307		127.1422	127.1422	7.2600e-003		127.2945
Total	3.3851	52.9442	36.8153	0.1261	3.0136	0.8729	3.8865	0.8241	0.8029	1.6270		12,812.0034	12,812.0034	0.1104		12,814.3216

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8526	0.0000	1.8526	0.9072	0.0000	0.9072			0.0000			0.0000
Off-Road	0.4378	8.8620	10.5291	0.0180		0.4198	0.4198		0.4198	0.4198	0.0000	1,892.1284	1,892.1284	0.5649		1,903.9908
Total	0.4378	8.8620	10.5291	0.0180	1.8526	0.4198	2.2724	0.9072	0.4198	1.3269	0.0000	1,892.1284	1,892.1284	0.5649		1,903.9908

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	3.3358	52.8822	36.0507	0.1246	2.9018	0.8718	3.7736	0.7945	0.8018	1.5963	12,684.8613	12,684.8613	0.1031		12,687.0270
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Worker	0.0493	0.0620	0.7646	1.4500e-003	0.1118	1.1200e-003	0.1129	0.0296	1.0200e-003	0.0307	127.1422	127.1422	7.2600e-003		127.2945
Total	3.3851	52.9442	36.8153	0.1261	3.0136	0.8729	3.8865	0.8241	0.8029	1.6270	12,812.0034	12,812.0034	0.1104		12,814.3216

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					9.0657	0.0000	9.0657	4.9693	0.0000	4.9693			0.0000			0.0000
Off-Road	7.9365	94.3282	53.1132	0.0862		3.9947	3.9947		3.6751	3.6751		9,047.8203	9,047.8203	2.7012		9,104.5445
Total	7.9365	94.3282	53.1132	0.0862	9.0657	3.9947	13.0604	4.9693	3.6751	8.6444		9,047.8203	9,047.8203	2.7012		9,104.5445

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0477	0.7555	0.5150	1.7800e-003	0.0415	0.0125	0.0539	0.0114	0.0115	0.0228		181.2123	181.2123	1.4700e-003		181.2432
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1726	0.2170	2.6762	5.0900e-003	0.3912	3.9100e-003	0.3951	0.1038	3.5800e-003	0.1073		444.9975	444.9975	0.0254		445.5308

Total	0.2203	0.9724	3.1912	6.8700e-003	0.4327	0.0164	0.4490	0.1151	0.0150	0.1301		626.2098	626.2098	0.0269		626.7741
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5910	0.0000	1.5910	0.8721	0.0000	0.8721			0.0000			0.0000
Off-Road	2.1103	41.2303	48.6452	0.0862		1.6936	1.6936		1.6936	1.6936	0.0000	9,047.8203	9,047.8203	2.7012		9,104.5445
Total	2.1103	41.2303	48.6452	0.0862	1.5910	1.6936	3.2846	0.8721	1.6936	2.5657	0.0000	9,047.8203	9,047.8203	2.7012		9,104.5445

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0477	0.7555	0.5150	1.7800e-003	0.0415	0.0125	0.0539	0.0114	0.0115	0.0228		181.2123	181.2123	1.4700e-003		181.2432
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1726	0.2170	2.6762	5.0900e-003	0.3912	3.9100e-003	0.3951	0.1038	3.5800e-003	0.1073		444.9975	444.9975	0.0254		445.5308
Total	0.2203	0.9724	3.1912	6.8700e-003	0.4327	0.0164	0.4490	0.1151	0.0150	0.1301		626.2098	626.2098	0.0269		626.7741

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	5.6059	64.9214	28.6503	0.0620		2.9243	2.9243		2.7369	2.7369		6,412.4034	6,412.4034	1.7444		6,449.0356
Total	5.6059	64.9214	28.6503	0.0620		2.9243	2.9243		2.7369	2.7369		6,412.4034	6,412.4034	1.7444		6,449.0356

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3447	3.5597	3.9969	7.9200e-003	0.2244	0.0597	0.2841	0.0638	0.0549	0.1187		801.4275	801.4275	6.4300e-003		801.5627
Worker	0.9271	1.1655	14.3748	0.0273	2.1014	0.0210	2.1224	0.5573	0.0192	0.5765		2,390.2724	2,390.2724	0.1364		2,393.1371
Total	1.2718	4.7252	18.3717	0.0353	2.3258	0.0807	2.4065	0.6211	0.0741	0.6952		3,191.6999	3,191.6999	0.1428		3,194.6997

Mitigated Construction On-Site

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

Off-Road	1.4785	29.8174	35.2635	0.0620		1.3896	1.3896		1.3896	1.3896	0.0000	6,412.4034	6,412.4034	1.7444		6,449.0355
Total	1.4785	29.8174	35.2635	0.0620		1.3896	1.3896		1.3896	1.3896	0.0000	6,412.4034	6,412.4034	1.7444		6,449.0355

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3447	3.5597	3.9969	7.9200e-003	0.2244	0.0597	0.2841	0.0638	0.0549	0.1187		801.4275	801.4275	6.4300e-003		801.5627
Worker	0.9271	1.1655	14.3748	0.0273	2.1014	0.0210	2.1224	0.5573	0.0192	0.5765		2,390.2724	2,390.2724	0.1364		2,393.1371
Total	1.2718	4.7252	18.3717	0.0353	2.3258	0.0807	2.4065	0.6211	0.0741	0.6952		3,191.6999	3,191.6999	0.1428		3,194.6997

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	5.2929	61.0915	27.8362	0.0620		2.7057	2.7057		2.5309	2.5309		6,352.1353	6,352.1353	1.7339		6,388.5474
Total	5.2929	61.0915	27.8362	0.0620		2.7057	2.7057		2.5309	2.5309		6,352.1353	6,352.1353	1.7339		6,388.5474

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3033	3.1503	3.6600	7.9100e-003	0.2245	0.0493	0.2738	0.0639	0.0453	0.1092		792.7942	792.7942	5.8200e-003		792.9164
Worker	0.8373	1.0538	13.0415	0.0273	2.1014	0.0199	2.1213	0.5573	0.0183	0.5756		2,310.5600	2,310.5600	0.1258		2,313.2014
Total	1.1406	4.2042	16.7015	0.0352	2.3259	0.0691	2.3950	0.6212	0.0636	0.6847		3,103.3542	3,103.3542	0.1316		3,106.1178

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4785	29.8174	35.2635	0.0620		1.3896	1.3896		1.3896	1.3896	0.0000	6,352.1353	6,352.1353	1.7339		6,388.5474
Total	1.4785	29.8174	35.2635	0.0620		1.3896	1.3896		1.3896	1.3896	0.0000	6,352.1353	6,352.1353	1.7339		6,388.5474

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.3033	3.1503	3.6600	7.9100e-003	0.2245	0.0493	0.2738	0.0639	0.0453	0.1092		792.7942	792.7942	5.8200e-003		792.9164
Worker	0.8373	1.0538	13.0415	0.0273	2.1014	0.0199	2.1213	0.5573	0.0183	0.5756		2,310.5600	2,310.5600	0.1258		2,313.2014
Total	1.1406	4.2042	16.7015	0.0352	2.3259	0.0691	2.3950	0.6212	0.0636	0.6847		3,103.3542	3,103.3542	0.1316		3,106.1178

3.6 Paving - 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	4.7574	54.0076	25.7324	0.0526		2.3798	2.3798		2.1894	2.1894		5,518.9016	5,518.9016	1.6476		5,553.5017
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7574	54.0076	25.7324	0.0526		2.3798	2.3798		2.1894	2.1894		5,518.9016	5,518.9016	1.6476		5,553.5017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0986	0.1240	1.5292	2.9100e-003	0.2236	2.2300e-003	0.2258	0.0593	2.0500e-003	0.0613		254.2843	254.2843	0.0145		254.5891

Total	0.0986	0.1240	1.5292	2.9100e-003	0.2236	2.2300e-003	0.2258	0.0593	2.0500e-003	0.0613		254.2843	254.2843	0.0145		254.5891
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2842	24.9970	30.7498	0.0526		1.0378	1.0378		1.0378	1.0378	0.0000	5,518.9016	5,518.9016	1.6476		5,553.5016
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2842	24.9970	30.7498	0.0526		1.0378	1.0378		1.0378	1.0378	0.0000	5,518.9016	5,518.9016	1.6476		5,553.5016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0986	0.1240	1.5292	2.9100e-003	0.2236	2.2300e-003	0.2258	0.0593	2.0500e-003	0.0613		254.2843	254.2843	0.0145		254.5891
Total	0.0986	0.1240	1.5292	2.9100e-003	0.2236	2.2300e-003	0.2258	0.0593	2.0500e-003	0.0613		254.2843	254.2843	0.0145		254.5891

3.7 Architectural Coating - 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					
Archit. Coating	52.5985					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
Total	52.9670	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1693	0.2130	2.6361	5.5300e-003	0.4248	4.0200e-003	0.4288	0.1127	3.6900e-003	0.1163		467.0281	467.0281	0.0254		467.5620
Total	0.1693	0.2130	2.6361	5.5300e-003	0.4248	4.0200e-003	0.4288	0.1127	3.6900e-003	0.1163		467.0281	467.0281	0.0254		467.5620

Mitigated Construction On-Site

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

Archit. Coating	52.5985					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0332		282.1449
Total	52.6579	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0332		282.1449

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1693	0.2130	2.6361	5.5300e-003	0.4248	4.0200e-003	0.4288	0.1127	3.6900e-003	0.1163		467.0281	467.0281	0.0254		467.5620
Total	0.1693	0.2130	2.6361	5.5300e-003	0.4248	4.0200e-003	0.4288	0.1127	3.6900e-003	0.1163		467.0281	467.0281	0.0254		467.5620

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Increase Density
- Improve Destination Accessibility
- Increase Transit Accessibility
- Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day									lb/day						
NaturalGas Mitigated	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
NaturalGas Unmitigated	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819

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	5870.77	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
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		0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819

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	5.87077	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
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		0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819

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

Use only Natural Gas Hearths

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	7.0001	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977	0.0000	32.0877	32.0877	0.0322	0.0000	32.7640
Unmitigated	13.1218	1.0735	70.9420	0.1737		8.7343	8.7343		8.7343	8.7343	1,274.7539	32.0877	1,306.8416	5.9914	0.0000	1,432.6614

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	0.9369					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.7948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.8297	0.8637	52.9420	0.1727		8.6365	8.6365		8.6365	8.6365	1,274.7539	0.0000	1,274.7539	5.9592	0.0000	1,399.8974

Landscaping	0.5605	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977		32.0877	32.0877	0.0322		32.7640
Total	13.1219	1.0735	70.9420	0.1737		8.7343	8.7343		8.7343	8.7343	1,274.7539	32.0877	1,306.8416	5.9914	0.0000	1,432.6614

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	0.6449					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.7948					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	0.5605	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977			32.0877	32.0877	0.0322	32.7640
Total	7.0001	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977	0.0000	32.0877	32.0877	0.0322	0.0000	32.7640

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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

Demolition -

Grading - user-defined

Architectural Coating - user-defined

Woodstoves - user-defined

Area Coating - user-defined

Construction Off-road Equipment Mitigation - user-defined

Mobile Land Use Mitigation -

Area Mitigation - user-defined

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Interior	437,400.00	417,000.00
tblAreaCoating	Area_Residential_Interior	437400	417400
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
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tblConstructionPhase	NumDays	20.00	38.00
tblConstructionPhase	NumDays	8.00	84.00
tblConstructionPhase	NumDays	18.00	65.00
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	PhaseEndDate	2/29/2016	12/30/2016
tblConstructionPhase	PhaseEndDate	12/30/2016	12/29/2016
tblConstructionPhase	PhaseEndDate	3/30/2017	11/30/2015

tblConstructionPhase	PhaseEndDate	5/20/2015	5/5/2015
tblConstructionPhase	PhaseStartDate	12/1/2015	10/3/2016
tblConstructionPhase	PhaseStartDate	9/1/2015	8/31/2015
tblConstructionPhase	PhaseStartDate	12/30/2016	9/1/2015
tblConstructionPhase	PhaseStartDate	5/16/2015	5/1/2015
tblFireplaces	NumberGas	183.60	0.00
tblFireplaces	NumberNoFireplace	21.60	216.00
tblFireplaces	NumberWood	10.80	0.00
tblGrading	AcresOfGrading	63.00	1.76
tblGrading	AcresOfGrading	0.00	1.76
tblGrading	MaterialExported	0.00	6,500.00
tblGrading	MaterialExported	0.00	15,200.00
tblGrading	MaterialImported	0.00	1,150.00
tblGrading	MaterialImported	0.00	8,700.00
tblLandUse	LotAcreage	5.68	1.76
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
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tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblTripsAndVMT	HaulingTripNumber	1,900.00	500.00
tblTripsAndVMT	HaulingTripNumber	813.00	200.00

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	15.1207	165.2162	103.2227	0.2167	14.9445	7.0168	19.9381	6.2430	6.5019	12.2074	0.0000	22,158.5067	22,158.5067	4.6198	0.0000	22,255.5228
2016	59.6416	68.0979	48.8973	0.1038	2.7507	2.9760	5.7266	0.7338	2.7952	3.5291	0.0000	10,041.4652	10,041.4652	1.9243	0.0000	10,081.8752
Total	74.7623	233.3141	152.1200	0.3205	17.6951	9.9928	25.6647	6.9768	9.2971	15.7365	0.0000	32,199.9719	32,199.9719	6.5441	0.0000	32,337.3980

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	5.8380	96.5058	105.3678	0.2167	5.4051	3.1809	8.0855	1.8547	3.1730	4.7814	0.0000	22,158.5067	22,158.5067	4.6198	0.0000	22,255.5228
2016	55.5182	35.8086	56.2731	0.1038	2.7507	1.5583	4.3090	0.7338	1.5524	2.2862	0.0000	10,041.4652	10,041.4652	1.9243	0.0000	10,081.8752
Total	61.3563	132.3143	161.6409	0.3205	8.1558	4.7392	12.3944	2.5885	4.7254	7.0675	0.0000	32,199.9719	32,199.9719	6.5441	0.0000	32,337.3980

	ROG	NOx	CO	SO2	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	17.93	43.29	-6.26	0.00	53.91	52.57	51.71	62.90	49.17	55.09	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	13.1218	1.0735	70.9420	0.1737		8.7343	8.7343		8.7343	8.7343	1,274.7539	32.0877	1,306.8416	5.9914	0.0000	1,432.6614
Energy	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
Mobile	5.8679	17.4465	66.6970	0.1634	11.2227	0.2469	11.4695	3.0010	0.2272	3.2282		13,979.8185	13,979.8185	0.5776		13,991.9489
Total	19.0531	19.0610	137.8692	0.3405	11.2227	9.0249	20.2476	3.0010	9.0052	12.0062	1,274.7539	14,702.5847	15,977.3386	6.5823	0.0127	16,119.4922

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.0001	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977	0.0000	32.0877	32.0877	0.0322	0.0000	32.7640
Energy	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
Mobile	5.3893	13.8441	55.1626	0.1255	8.5513	0.1912	8.7426	2.2867	0.1760	2.4627		10,732.1477	10,732.1477	0.4507		10,741.6130
Total	12.4527	14.5949	73.3928	0.1299	8.5513	0.3327	8.8840	2.2867	0.3175	2.6041	0.0000	11,454.9139	11,454.9139	0.4962	0.0127	11,469.2589

	ROG	NOx	CO	SO2	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	34.64	23.43	46.77	61.86	23.80	96.31	56.12	23.80	96.47	78.31	100.00	22.09	28.31	92.46	0.00	28.85

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	3/25/2015	5/15/2015	5	38	
2	Site Preparation	Site Preparation	5/1/2015	5/5/2015	5	3	
3	Grading	Grading	5/6/2015	8/31/2015	5	84	
4	Building Construction	Building Construction	8/31/2015	12/29/2016	5	349	
5	Paving	Paving	9/1/2015	11/30/2015	5	65	
6	Architectural Coating	Architectural Coating	10/3/2016	12/30/2016	5	65	

Acres of Grading (Site Preparation Phase): 1.76

Acres of Grading (Grading Phase): 1.76

Acres of Paving: 0

Residential Indoor: 417,000; Residential Outdoor: 145,800; Non-Residential Indoor: 114,998; Non-Residential Outdoor: 38,333

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	6.00	81	0.73
Demolition	Excavators	2	6.00	162	0.38
Demolition	Off-Highway Trucks	4	6.00	400	0.38
Demolition	Rubber Tired Dozers	0	6.00	255	0.40
Demolition	Rubber Tired Loaders	2	6.00	199	0.36
Site Preparation	Rubber Tired Dozers	2	6.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Excavators	2	6.00	162	0.38
Grading	Graders	0	6.00	174	0.41
Grading	Off-Highway Trucks	4	6.00	400	0.38
Grading	Rollers	1	6.00	80	0.38
Grading	Rubber Tired Dozers	2	6.00	255	0.40
Grading	Rubber Tired Loaders	2	6.00	199	0.36
Grading	Scrapers	1	6.00	361	0.48
Grading	Skid Steer Loaders	2	6.00	64	0.37
Grading	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Building Construction	Concrete/Industrial Saws	2	6.00	81	0.73
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Crawler Tractors	3	6.00	208	0.43
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Off-Highway Trucks	2	6.00	400	0.38
Building Construction	Rough Terrain Forklifts	2	6.00	100	0.40
Building Construction	Rubber Tired Loaders	1	6.00	199	0.36
Building Construction	Skid Steer Loaders	1	6.00	64	0.37
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37

Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Graders	1	6.00	174	0.41
Paving	Off-Highway Trucks	4	6.00	400	0.38
Paving	Pavers	1	6.00	125	0.42
Paving	Paving Equipment	1	6.00	130	0.36
Paving	Rollers	1	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	10	25.00	0.00	178.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	0.00	500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	14	35.00	0.00	200.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	188.00	36.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	38.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0136	0.0000	1.0136	0.1535	0.0000	0.1535			0.0000			0.0000
Off-Road	5.5540	61.3808	30.0487	0.0660		2.6805	2.6805		2.5126	2.5126		6,835.4980	6,835.4980	1.8707		6,874.7827
Total	5.5540	61.3808	30.0487	0.0660	1.0136	2.6805	3.6941	0.1535	2.5126	2.6661		6,835.4980	6,835.4980	1.8707		6,874.7827

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0996	1.5386	1.1613	3.5000e-003	0.0816	0.0246	0.1061	0.0223	0.0226	0.0449		355.6768	355.6768	2.9300e-003		355.7384
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1285	0.1719	1.8012	3.4300e-003	0.2794	2.7900e-003	0.2822	0.0741	2.5600e-003	0.0767		300.0269	300.0269	0.0181		300.4078
Total	0.2281	1.7105	2.9625	6.9300e-003	0.3610	0.0274	0.3884	0.0964	0.0252	0.1216		655.7037	655.7037	0.0211		656.1462

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1779	0.0000	0.1779	0.0269	0.0000	0.0269			0.0000			0.0000
Off-Road	1.5757	31.1201	37.6519	0.0660		1.3573	1.3573		1.3573	1.3573	0.0000	6,835.4980	6,835.4980	1.8707		6,874.7827
Total	1.5757	31.1201	37.6519	0.0660	0.1779	1.3573	1.5352	0.0269	1.3573	1.3842	0.0000	6,835.4980	6,835.4980	1.8707		6,874.7827

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0996	1.5386	1.1613	3.5000e-003	0.0816	0.0246	0.1061	0.0223	0.0226	0.0449		355.6768	355.6768	2.9300e-003		355.7384
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1285	0.1719	1.8012	3.4300e-003	0.2794	2.7900e-003	0.2822	0.0741	2.5600e-003	0.0767		300.0269	300.0269	0.0181		300.4078
Total	0.2281	1.7105	2.9625	6.9300e-003	0.3610	0.0274	0.3884	0.0964	0.0252	0.1216		655.7037	655.7037	0.0211		656.1462

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					10.5562	0.0000	10.5562	5.1690	0.0000	5.1690			0.0000			0.0000
Off-Road	2.4503	26.7288	20.1031	0.0180		1.4098	1.4098		1.2970	1.2970		1,892.1284	1,892.1284	0.5649		1,903.9908
Total	2.4503	26.7288	20.1031	0.0180	10.5562	1.4098	11.9661	5.1690	1.2970	6.4660		1,892.1284	1,892.1284	0.5649		1,903.9908

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5451	54.7444	41.3198	0.1244	2.9018	0.8748	3.7766	0.7945	0.8047	1.5992		12,655.1660	12,655.1660	0.1044		12,657.3577
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0514	0.0688	0.7205	1.3700e-003	0.1118	1.1200e-003	0.1129	0.0296	1.0200e-003	0.0307		120.0108	120.0108	7.2600e-003		120.1631
Total	3.5965	54.8132	42.0402	0.1258	3.0136	0.8759	3.8895	0.8241	0.8057	1.6298		12,775.1767	12,775.1767	0.1116		12,777.5208

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8526	0.0000	1.8526	0.9072	0.0000	0.9072			0.0000			0.0000
Off-Road	0.4378	8.8620	10.5291	0.0180		0.4198	0.4198		0.4198	0.4198	0.0000	1,892.1284	1,892.1284	0.5649		1,903.9908
Total	0.4378	8.8620	10.5291	0.0180	1.8526	0.4198	2.2724	0.9072	0.4198	1.3269	0.0000	1,892.1284	1,892.1284	0.5649		1,903.9908

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day			
Hauling	3.5451	54.7444	41.3198	0.1244	2.9018	0.8748	3.7766	0.7945	0.8047	1.5992	12,655.1660	12,655.1660	0.1044	12,657.3577
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0688	0.7205	1.3700e-003	0.1118	1.1200e-003	0.1129	0.0296	1.0200e-003	0.0307	120.0108	120.0108	7.2600e-003	120.1631
Total	3.5965	54.8132	42.0402	0.1258	3.0136	0.8759	3.8895	0.8241	0.8057	1.6298	12,775.1767	12,775.1767	0.1116	12,777.5208

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					9.0657	0.0000	9.0657	4.9693	0.0000	4.9693			0.0000			0.0000
Off-Road	7.9365	94.3282	53.1132	0.0862		3.9947	3.9947		3.6751	3.6751		9,047.8203	9,047.8203	2.7012		9,104.5445
Total	7.9365	94.3282	53.1132	0.0862	9.0657	3.9947	13.0604	4.9693	3.6751	8.6444		9,047.8203	9,047.8203	2.7012		9,104.5445

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0506	0.7821	0.5903	1.7800e-003	0.0415	0.0125	0.0540	0.0114	0.0115	0.0229		180.7881	180.7881	1.4900e-003		180.8194
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1799	0.2406	2.5216	4.8000e-003	0.3912	3.9100e-003	0.3951	0.1038	3.5800e-003	0.1073		420.0376	420.0376	0.0254		420.5710

Total	0.2305	1.0227	3.1119	6.5800e-003	0.4327	0.0164	0.4491	0.1151	0.0151	0.1302		600.8257	600.8257	0.0269		601.3904
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5910	0.0000	1.5910	0.8721	0.0000	0.8721			0.0000			0.0000
Off-Road	2.1103	41.2303	48.6452	0.0862		1.6936	1.6936		1.6936	1.6936	0.0000	9,047.8203	9,047.8203	2.7012		9,104.5445
Total	2.1103	41.2303	48.6452	0.0862	1.5910	1.6936	3.2846	0.8721	1.6936	2.5657	0.0000	9,047.8203	9,047.8203	2.7012		9,104.5445

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0506	0.7821	0.5903	1.7800e-003	0.0415	0.0125	0.0540	0.0114	0.0115	0.0229		180.7881	180.7881	1.4900e-003		180.8194
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1799	0.2406	2.5216	4.8000e-003	0.3912	3.9100e-003	0.3951	0.1038	3.5800e-003	0.1073		420.0376	420.0376	0.0254		420.5710
Total	0.2305	1.0227	3.1119	6.5800e-003	0.4327	0.0164	0.4491	0.1151	0.0151	0.1302		600.8257	600.8257	0.0269		601.3904

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	5.6059	64.9214	28.6503	0.0620		2.9243	2.9243		2.7369	2.7369		6,412.4034	6,412.4034	1.7444		6,449.0356
Total	5.6059	64.9214	28.6503	0.0620		2.9243	2.9243		2.7369	2.7369		6,412.4034	6,412.4034	1.7444		6,449.0356

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3815	3.6514	4.8025	7.8700e-003	0.2244	0.0604	0.2848	0.0638	0.0555	0.1194		794.8023	794.8023	6.6100e-003		794.9411
Worker	0.9663	1.2925	13.5447	0.0258	2.1014	0.0210	2.1224	0.5573	0.0192	0.5765		2,256.2022	2,256.2022	0.1364		2,259.0668
Total	1.3478	4.9439	18.3472	0.0337	2.3258	0.0814	2.4072	0.6211	0.0748	0.6959		3,051.0045	3,051.0045	0.1430		3,054.0079

Mitigated Construction On-Site

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

Off-Road	1.4785	29.8174	35.2635	0.0620		1.3896	1.3896		1.3896	1.3896	0.0000	6,412.4034	6,412.4034	1.7444		6,449.0355
Total	1.4785	29.8174	35.2635	0.0620		1.3896	1.3896		1.3896	1.3896	0.0000	6,412.4034	6,412.4034	1.7444		6,449.0355

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3815	3.6514	4.8025	7.8700e-003	0.2244	0.0604	0.2848	0.0638	0.0555	0.1194		794.8023	794.8023	6.6100e-003		794.9411
Worker	0.9663	1.2925	13.5447	0.0258	2.1014	0.0210	2.1224	0.5573	0.0192	0.5765		2,256.2022	2,256.2022	0.1364		2,259.0668
Total	1.3478	4.9439	18.3472	0.0337	2.3258	0.0814	2.4072	0.6211	0.0748	0.6959		3,051.0045	3,051.0045	0.1430		3,054.0079

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	5.2929	61.0915	27.8362	0.0620		2.7057	2.7057		2.5309	2.5309		6,352.1353	6,352.1353	1.7339		6,388.5474
Total	5.2929	61.0915	27.8362	0.0620		2.7057	2.7057		2.5309	2.5309		6,352.1353	6,352.1353	1.7339		6,388.5474

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.3346	3.2294	4.4562	7.8600e-003	0.2245	0.0498	0.2743	0.0639	0.0458	0.1097		786.2116	786.2116	5.9900e-003			786.3373
Worker	0.8711	1.1686	12.2458	0.0258	2.1014	0.0199	2.1213	0.5573	0.0183	0.5756		2,180.8585	2,180.8585	0.1258			2,183.4999
Total	1.2057	4.3980	16.7020	0.0337	2.3259	0.0696	2.3956	0.6212	0.0640	0.6852		2,967.0701	2,967.0701	0.1318			2,969.8372

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.4785	29.8174	35.2635	0.0620		1.3896	1.3896		1.3896	1.3896	0.0000	6,352.1353	6,352.1353	1.7339			6,388.5474
Total	1.4785	29.8174	35.2635	0.0620		1.3896	1.3896		1.3896	1.3896	0.0000	6,352.1353	6,352.1353	1.7339			6,388.5474

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3346	3.2294	4.4562	7.8600e-003	0.2245	0.0498	0.2743	0.0639	0.0458	0.1097	786.2116	786.2116	5.9900e-003	786.3373		
Worker	0.8711	1.1686	12.2458	0.0258	2.1014	0.0199	2.1213	0.5573	0.0183	0.5756	2,180.8585	2,180.8585	0.1258	2,183.4999		
Total	1.2057	4.3980	16.7020	0.0337	2.3259	0.0696	2.3956	0.6212	0.0640	0.6852	2,967.0701	2,967.0701	0.1318	2,969.8372		

3.6 Paving - 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	4.7574	54.0076	25.7324	0.0526		2.3798	2.3798		2.1894	2.1894		5,518.9016	5,518.9016	1.6476		5,553.5017
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7574	54.0076	25.7324	0.0526		2.3798	2.3798		2.1894	2.1894		5,518.9016	5,518.9016	1.6476		5,553.5017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1028	0.1375	1.4409	2.7400e-003	0.2236	2.2300e-003	0.2258	0.0593	2.0500e-003	0.0613		240.0215	240.0215	0.0145		240.3263

Total	0.1028	0.1375	1.4409	2.7400e-003	0.2236	2.2300e-003	0.2258	0.0593	2.0500e-003	0.0613		240.0215	240.0215	0.0145		240.3263
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2842	24.9970	30.7498	0.0526		1.0378	1.0378		1.0378	1.0378	0.0000	5,518.9016	5,518.9016	1.6476		5,553.5016
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2842	24.9970	30.7498	0.0526		1.0378	1.0378		1.0378	1.0378	0.0000	5,518.9016	5,518.9016	1.6476		5,553.5016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1028	0.1375	1.4409	2.7400e-003	0.2236	2.2300e-003	0.2258	0.0593	2.0500e-003	0.0613		240.0215	240.0215	0.0145		240.3263
Total	0.1028	0.1375	1.4409	2.7400e-003	0.2236	2.2300e-003	0.2258	0.0593	2.0500e-003	0.0613		240.0215	240.0215	0.0145		240.3263

3.7 Architectural Coating - 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					
Archit. Coating	52.5985					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
Total	52.9670	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1761	0.2362	2.4752	5.2100e-003	0.4248	4.0200e-003	0.4288	0.1127	3.6900e-003	0.1163		440.8118	440.8118	0.0254		441.3457
Total	0.1761	0.2362	2.4752	5.2100e-003	0.4248	4.0200e-003	0.4288	0.1127	3.6900e-003	0.1163		440.8118	440.8118	0.0254		441.3457

Mitigated Construction On-Site

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

Archit. Coating	52.5985					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0332		282.1449
Total	52.6579	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0332		282.1449

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1761	0.2362	2.4752	5.2100e-003	0.4248	4.0200e-003	0.4288	0.1127	3.6900e-003	0.1163		440.8118	440.8118	0.0254		441.3457
Total	0.1761	0.2362	2.4752	5.2100e-003	0.4248	4.0200e-003	0.4288	0.1127	3.6900e-003	0.1163		440.8118	440.8118	0.0254		441.3457

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Increase Density
- Improve Destination Accessibility
- Increase Transit Accessibility
- Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day									lb/day				
	0.0633	0.5410	0.2302	3.4500e-003	0.0437	0.0437	0.0437	0.0437	0.0437	690.6785	690.6785	0.0132	0.0127	694.8819
NaturalGas Mitigated	0.0633	0.5410	0.2302	3.4500e-003	0.0437	0.0437	0.0437	0.0437	0.0437	690.6785	690.6785	0.0132	0.0127	694.8819
NaturalGas Unmitigated	0.0633	0.5410	0.2302	3.4500e-003	0.0437	0.0437	0.0437	0.0437	0.0437	690.6785	690.6785	0.0132	0.0127	694.8819

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					
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
Apartments Mid Rise	5870.77	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
Total		0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819

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	5.87077	0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819
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		0.0633	0.5410	0.2302	3.4500e-003		0.0437	0.0437		0.0437	0.0437		690.6785	690.6785	0.0132	0.0127	694.8819

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

Use only Natural Gas Hearths

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	7.0001	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977	0.0000	32.0877	32.0877	0.0322	0.0000	32.7640
Unmitigated	13.1218	1.0735	70.9420	0.1737		8.7343	8.7343		8.7343	8.7343	1,274.7539	32.0877	1,306.8416	5.9914	0.0000	1,432.6614

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	0.9369					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.7948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.8297	0.8637	52.9420	0.1727		8.6365	8.6365		8.6365	8.6365	1,274.7539	0.0000	1,274.7539	5.9592	0.0000	1,399.8974

Landscaping	0.5605	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977		32.0877	32.0877	0.0322		32.7640
Total	13.1219	1.0735	70.9420	0.1737		8.7343	8.7343		8.7343	8.7343	1,274.7539	32.0877	1,306.8416	5.9914	0.0000	1,432.6614

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	0.6449					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.7948					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	0.5605	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977		32.0877	32.0877	0.0322		32.7640
Total	7.0001	0.2098	18.0000	9.4000e-004		0.0977	0.0977		0.0977	0.0977	0.0000	32.0877	32.0877	0.0322	0.0000	32.7640

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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