

Thresholds Scenario 1A South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	95.00	1000sqft	3.00	95,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9	Operational Year	2017		
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Acreage set at 3 acres
- Architectural Coating - VOC of paint set at 125 g/l
- Area Coating - VOC of paint set at 125 g/l for operational painting too.
- Construction Off-road Equipment Mitigation -
- Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	125.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	125.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	125
tblAreaMitigation	UseLowVOCPaintNonresidentialExteri	125	250

tblGrading	MaterialExported	0.00	10,000.00
tblLandUse	LotAcreage	2.18	3.00
tblProjectCharacteristics	OperationalYear	2014	2017

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					
2016	0.6014	4.2510	3.2222	5.0700e-003	0.1208	0.2617	0.3825	0.0449	0.2453	0.2902	0.0000	451.7027	451.7027	0.0861	0.0000	453.5107
2017	0.4418	8.9100e-003	9.2400e-003	2.0000e-005	3.5000e-004	7.0000e-004	1.0500e-003	9.0000e-005	7.0000e-004	7.9000e-004	0.0000	1.3376	1.3376	1.2000e-004	0.0000	1.3402
Total	1.0431	4.2599	3.2314	5.0900e-003	0.1211	0.2624	0.3836	0.0450	0.2460	0.2910	0.0000	453.0403	453.0403	0.0862	0.0000	454.8509

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					
2016	0.6014	4.2510	3.2222	5.0700e-003	0.0947	0.2617	0.3565	0.0311	0.2453	0.2764	0.0000	451.7023	451.7023	0.0861	0.0000	453.5103
2017	0.4418	8.9100e-003	9.2400e-003	2.0000e-005	3.5000e-004	7.0000e-004	1.0500e-003	9.0000e-005	7.0000e-004	7.9000e-004	0.0000	1.3376	1.3376	1.2000e-004	0.0000	1.3402
Total	1.0431	4.2599	3.2314	5.0900e-003	0.0951	0.2624	0.3575	0.0312	0.2460	0.2772	0.0000	453.0399	453.0399	0.0862	0.0000	454.8505

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	21.49	0.00	6.78	30.67	0.00	4.74	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	0.4397	1.0000e-005	1.2400e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3600e-003	2.3600e-003	1.0000e-005	0.0000	2.5000e-003
Energy	0.0146	0.1326	0.1114	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	447.7246	447.7246	0.0167	5.5300e-003	449.7903
Mobile	1.2360	3.7047	14.0876	0.0342	2.3285	0.0504	2.3789	0.6231	0.0464	0.6695	0.0000	2,644.9737	2,644.9737	0.1041	0.0000	2,647.1601
Waste						0.0000	0.0000		0.0000	0.0000	25.0694	0.0000	25.0694	1.4816	0.0000	56.1821
Water						0.0000	0.0000		0.0000	0.0000	1.4783	40.5341	42.0124	0.1537	3.9700e-003	46.4710
Total	1.6903	3.8373	14.2002	0.0350	2.3285	0.0605	2.3889	0.6231	0.0565	0.6796	26.5477	3,133.2347	3,159.7824	1.7561	9.5000e-003	3,199.6060

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4397	1.0000e-005	1.2400e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3600e-003	2.3600e-003	1.0000e-005	0.0000	2.5000e-003
Energy	0.0146	0.1326	0.1114	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	447.7246	447.7246	0.0167	5.5300e-003	449.7903
Mobile	1.2360	3.7047	14.0876	0.0342	2.3285	0.0504	2.3789	0.6231	0.0464	0.6695	0.0000	2,644.9737	2,644.9737	0.1041	0.0000	2,647.1601

Waste						0.0000	0.0000		0.0000	0.0000	25.0694	0.0000	25.0694	1.4816	0.0000	56.1821
Water						0.0000	0.0000		0.0000	0.0000	1.4783	40.5341	42.0124	0.1537	3.9600e-003	46.4686
Total	1.6903	3.8373	14.2002	0.0350	2.3285	0.0605	2.3889	0.6231	0.0565	0.6796	26.5477	3,133.2347	3,159.7824	1.7561	9.4900e-003	3,199.6036

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2016	1/28/2016	5	20	
2	Site Preparation	Site Preparation	1/29/2016	2/2/2016	5	3	
3	Grading	Grading	2/3/2016	2/10/2016	5	6	
4	Building Construction	Building Construction	2/11/2016	12/14/2016	5	220	
5	Paving	Paving	12/15/2016	12/28/2016	5	10	
6	Architectural Coating	Architectural Coating	12/29/2016	1/11/2017	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 3

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 142,500; Non-Residential Outdoor: 47,500 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73

Demolition	Excavators	3	8.00	162	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Grading	Excavators	1	8.00	162	0.38
Paving	Pavers	1	8.00	125	0.42
Paving	Rollers	2	6.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	6.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,250.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	40.00	16.00	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	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 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	0.0429	0.4566	0.3503	4.0000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	37.0974	37.0974	0.0101	0.0000	37.3092
Total	0.0429	0.4566	0.3503	4.0000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	37.0974	37.0974	0.0101	0.0000	37.3092

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	6.0000e-004	8.9000e-004	9.2000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.5418	1.5418	8.0000e-005	0.0000	1.5436
Total	6.0000e-004	8.9000e-004	9.2000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.5418	1.5418	8.0000e-005	0.0000	1.5436

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	0.0429	0.4566	0.3503	4.0000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	37.0973	37.0973	0.0101	0.0000	37.3092
Total	0.0429	0.4566	0.3503	4.0000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	37.0973	37.0973	0.0101	0.0000	37.3092

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	6.0000e-004	8.9000e-004	9.2000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.5418	1.5418	8.0000e-005	0.0000	1.5436
Total	6.0000e-004	8.9000e-004	9.2000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.5418	1.5418	8.0000e-005	0.0000	1.5436

3.3 Site Preparation - 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					

Fugitive Dust					0.0271	0.0000	0.0271	0.0149	0.0000	0.0149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	7.6200e-003	0.0820	0.0617	6.0000e-005	4.4100e-003	4.4100e-003	4.4100e-003	4.0600e-003	4.0600e-003	4.0600e-003	4.0600e-003	0.0000	5.5316	5.5316	1.6700e-003	0.0000	5.5666
Total	7.6200e-003	0.0820	0.0617	6.0000e-005	0.0271	4.4100e-003	0.0315	0.0149	4.0600e-003	0.0190	0.0000	5.5316	5.5316	1.6700e-003	0.0000	5.5666	

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	1.6000e-004	1.6600e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2775	0.2775	1.0000e-005	0.0000	0.2778
Total	1.1000e-004	1.6000e-004	1.6600e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2775	0.2775	1.0000e-005	0.0000	0.2778

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					0.0122	0.0000	0.0122	6.7000e-003	0.0000	6.7000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6200e-003	0.0820	0.0617	6.0000e-005	4.4100e-003	4.4100e-003	4.4100e-003	4.0600e-003	4.0600e-003	4.0600e-003	0.0000	5.5316	5.5316	1.6700e-003	0.0000	5.5666
Total	7.6200e-003	0.0820	0.0617	6.0000e-005	0.0122	4.4100e-003	0.0166	6.7000e-003	4.0600e-003	0.0108	0.0000	5.5316	5.5316	1.6700e-003	0.0000	5.5666

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	1.6000e-004	1.6600e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2775	0.2775	1.0000e-005	0.0000	0.2778
Total	1.1000e-004	1.6000e-004	1.6600e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2775	0.2775	1.0000e-005	0.0000	0.2778

3.4 Grading - 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					
Fugitive Dust					0.0202	0.0000	0.0202	0.0102	0.0000	0.0102	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.1153	0.0782	9.0000e-005		6.6000e-003	6.6000e-003		6.0700e-003	6.0700e-003	0.0000	8.4199	8.4199	2.5400e-003	0.0000	8.4733
Total	0.0110	0.1153	0.0782	9.0000e-005	0.0202	6.6000e-003	0.0268	0.0102	6.0700e-003	0.0163	0.0000	8.4199	8.4199	2.5400e-003	0.0000	8.4733

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0111	0.1806	0.1365	4.6000e-004	0.0107	2.7200e-003	0.0134	2.9400e-003	2.5000e-003	5.4400e-003	0.0000	42.0939	42.0939	3.0000e-004	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	2.7000e-004	2.7600e-003	1.0000e-005	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4625	0.4625	2.0000e-005	0.0000	0.4631
Total	0.0113	0.1809	0.1393	4.7000e-004	0.0112	2.7200e-003	0.0139	3.0700e-003	2.5000e-003	5.5700e-003	0.0000	42.5565	42.5565	3.2000e-004	0.0000	42.5633

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					9.1000e-003	0.0000	9.1000e-003	4.5800e-003	0.0000	4.5800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.1153	0.0782	9.0000e-005		6.6000e-003	6.6000e-003		6.0700e-003	6.0700e-003	0.0000	8.4199	8.4199	2.5400e-003	0.0000	8.4732
Total	0.0110	0.1153	0.0782	9.0000e-005	9.1000e-003	6.6000e-003	0.0157	4.5800e-003	6.0700e-003	0.0107	0.0000	8.4199	8.4199	2.5400e-003	0.0000	8.4732

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	0.0111	0.1806	0.1365	4.6000e-004	0.0107	2.7200e-003	0.0134	2.9400e-003	2.5000e-003	5.4400e-003	0.0000	42.0939	42.0939	3.0000e-004	0.0000	42.1002
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	2.7000e-004	2.7600e-003	1.0000e-005	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4625	0.4625	2.0000e-005	0.0000	0.4631

Total	0.0113	0.1809	0.1393	4.7000e-004	0.0112	2.7200e-003	0.0139	3.0700e-003	2.5000e-003	5.5700e-003	0.0000	42.5565	42.5565	3.2000e-004	0.0000	42.5633
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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	0.3747	3.1357	2.0357	2.9500e-003		0.2164	0.2164		0.2033	0.2033	0.0000	266.3690	266.3690	0.0661	0.0000	267.7563
Total	0.3747	3.1357	2.0357	2.9500e-003		0.2164	0.2164		0.2033	0.2033	0.0000	266.3690	266.3690	0.0661	0.0000	267.7563

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	0.0156	0.1589	0.2048	3.8000e-004	0.0108	2.5100e-003	0.0133	3.0900e-003	2.3100e-003	5.4000e-003	0.0000	34.6889	34.6889	2.5000e-004	0.0000	34.6942
Worker	0.0177	0.0260	0.2700	5.9000e-004	0.0483	4.1000e-004	0.0487	0.0128	3.8000e-004	0.0132	0.0000	45.2265	45.2265	2.4400e-003	0.0000	45.2776
Total	0.0333	0.1849	0.4748	9.7000e-004	0.0591	2.9200e-003	0.0620	0.0159	2.6900e-003	0.0186	0.0000	79.9153	79.9153	2.6900e-003	0.0000	79.9718

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	0.3747	3.1357	2.0357	2.9500e-003		0.2164	0.2164		0.2033	0.2033	0.0000	266.3686	266.3686	0.0661	0.0000	267.7560
Total	0.3747	3.1357	2.0357	2.9500e-003		0.2164	0.2164		0.2033	0.2033	0.0000	266.3686	266.3686	0.0661	0.0000	267.7560

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	0.0156	0.1589	0.2048	3.8000e-004	0.0108	2.5100e-003	0.0133	3.0900e-003	2.3100e-003	5.4000e-003	0.0000	34.6889	34.6889	2.5000e-004	0.0000	34.6942
Worker	0.0177	0.0260	0.2700	5.9000e-004	0.0483	4.1000e-004	0.0487	0.0128	3.8000e-004	0.0132	0.0000	45.2265	45.2265	2.4400e-003	0.0000	45.2776
Total	0.0333	0.1849	0.4748	9.7000e-004	0.0591	2.9200e-003	0.0620	0.0159	2.6900e-003	0.0186	0.0000	79.9153	79.9153	2.6900e-003	0.0000	79.9718

3.6 Paving - 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	8.9800e-003	0.0917	0.0628	9.0000e-005		5.5300e-003	5.5300e-003		5.1000e-003	5.1000e-003	0.0000	8.6283	8.6283	2.5300e-003	0.0000	8.6816
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.9800e-003	0.0917	0.0628	9.0000e-005		5.5300e-003	5.5300e-003		5.1000e-003	5.1000e-003	0.0000	8.6283	8.6283	2.5300e-003	0.0000	8.6816

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	5.9000e-004	6.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0279	1.0279	6.0000e-005	0.0000	1.0290
Total	4.0000e-004	5.9000e-004	6.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0279	1.0279	6.0000e-005	0.0000	1.0290

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.9800e-003	0.0917	0.0628	9.0000e-005		5.5300e-003	5.5300e-003		5.1000e-003	5.1000e-003	0.0000	8.6283	8.6283	2.5300e-003	0.0000	8.6816
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.9800e-003	0.0917	0.0628	9.0000e-005		5.5300e-003	5.5300e-003		5.1000e-003	5.1000e-003	0.0000	8.6283	8.6283	2.5300e-003	0.0000	8.6816

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	5.9000e-004	6.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0279	1.0279	6.0000e-005	0.0000	1.0290
Total	4.0000e-004	5.9000e-004	6.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0279	1.0279	6.0000e-005	0.0000	1.0290

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	0.1101					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7000e-004	2.3700e-003	1.8800e-003	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.2553	0.2553	3.0000e-005	0.0000	0.2560
Total	0.1105	2.3700e-003	1.8800e-003	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.2553	0.2553	3.0000e-005	0.0000	0.2560

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	5.0000e-005	4.9000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0822	0.0822	0.0000	0.0000	0.0823
Total	3.0000e-005	5.0000e-005	4.9000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0822	0.0822	0.0000	0.0000	0.0823

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1101					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7000e-004	2.3700e-003	1.8800e-003	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.2553	0.2553	3.0000e-005	0.0000	0.2560
Total	0.1105	2.3700e-003	1.8800e-003	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.2553	0.2553	3.0000e-005	0.0000	0.2560

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	3.0000e-005	5.0000e-005	4.9000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0822	0.0822	0.0000	0.0000	0.0823

Total	3.0000e-005	5.0000e-005	4.9000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0822	0.0822	0.0000	0.0000	0.0823
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3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3300e-003	8.7400e-003	7.4700e-003	1.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	1.0213	1.0213	1.1000e-004	0.0000	1.0236
Total	0.4417	8.7400e-003	7.4700e-003	1.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	1.0213	1.0213	1.1000e-004	0.0000	1.0236

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.7000e-004	1.7700e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3163	0.3163	2.0000e-005	0.0000	0.3166
Total	1.2000e-004	1.7000e-004	1.7700e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3163	0.3163	2.0000e-005	0.0000	0.3166

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3300e-003	8.7400e-003	7.4700e-003	1.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	1.0213	1.0213	1.1000e-004	0.0000	1.0236
Total	0.4417	8.7400e-003	7.4700e-003	1.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	1.0213	1.0213	1.1000e-004	0.0000	1.0236

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.7000e-004	1.7700e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3163	0.3163	2.0000e-005	0.0000	0.3166
Total	1.2000e-004	1.7000e-004	1.7700e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3163	0.3163	2.0000e-005	0.0000	0.3166

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.2360	3.7047	14.0876	0.0342	2.3285	0.0504	2.3789	0.6231	0.0464	0.6695	0.0000	2,644.9737	2,644.9737	0.1041	0.0000	2,647.1601
Unmitigated	1.2360	3.7047	14.0876	0.0342	2.3285	0.0504	2.3789	0.6231	0.0464	0.6695	0.0000	2,644.9737	2,644.9737	0.1041	0.0000	2,647.1601

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior College (2Yr)	2,611.55	1,066.85	114.95	6,144,077	6,144,077
Total	2,611.55	1,066.85	114.95	6,144,077	6,144,077

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
Junior College (2Yr)	16.60	8.40	6.90	6.40	88.60	5.00	92	7	1

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.512163	0.060173	0.180257	0.139094	0.042244	0.006664	0.016017	0.031880	0.001940	0.002497	0.004356	0.000592	0.002122

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
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Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	303.3941	303.3941	0.0140	2.8900e-003	304.5815
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	303.3941	303.3941	0.0140	2.8900e-003	304.5815
NaturalGas Mitigated	0.0146	0.1326	0.1114	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	144.3304	144.3304	2.7700e-003	2.6500e-003	145.2088
NaturalGas Unmitigated	0.0146	0.1326	0.1114	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	144.3304	144.3304	2.7700e-003	2.6500e-003	145.2088

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					
Junior College (2Yr)	2.70465e+006	0.0146	0.1326	0.1114	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	144.3304	144.3304	2.7700e-003	2.6500e-003	145.2088
Total		0.0146	0.1326	0.1114	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	144.3304	144.3304	2.7700e-003	2.6500e-003	145.2088

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Junior College (2Yr)	2.70465e+006	0.0146	0.1326	0.1114	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	144.3304	144.3304	2.7700e-003	2.6500e-003	145.2088
Total		0.0146	0.1326	0.1114	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	144.3304	144.3304	2.7700e-003	2.6500e-003	145.2088

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior College (2Yr)	1.0602e+006	303.3941	0.0140	2.8900e-003	304.5815
Total		303.3941	0.0140	2.8900e-003	304.5815

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior College (2Yr)	1.0602e+006	303.3941	0.0140	2.8900e-003	304.5815
Total		303.3941	0.0140	2.8900e-003	304.5815

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4397	1.0000e-005	1.2400e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3600e-003	2.3600e-003	1.0000e-005	0.0000	2.5000e-003
Unmitigated	0.4397	1.0000e-005	1.2400e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3600e-003	2.3600e-003	1.0000e-005	0.0000	2.5000e-003

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	0.0963					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3433					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.2400e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3600e-003	2.3600e-003	1.0000e-005	0.0000	2.5000e-003
Total	0.4397	1.0000e-005	1.2400e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3600e-003	2.3600e-003	1.0000e-005	0.0000	2.5000e-003

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	0.0963					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3433					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.2400e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3600e-003	2.3600e-003	1.0000e-005	0.0000	2.5000e-003
Total	0.4397	1.0000e-005	1.2400e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3600e-003	2.3600e-003	1.0000e-005	0.0000	2.5000e-003

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	42.0124	0.1537	3.9600e-003	46.4686
Unmitigated	42.0124	0.1537	3.9700e-003	46.4710

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior College (2Yr)	4.65966 / 7.28818	42.0124	0.1537	3.9700e-003	46.4710
Total		42.0124	0.1537	3.9700e-003	46.4710

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior College (2Yr)	4.65966 / 7.28818	42.0124	0.1537	3.9600e-003	46.4686
Total		42.0124	0.1537	3.9600e-003	46.4686

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	25.0694	1.4816	0.0000	56.1821
Unmitigated	25.0694	1.4816	0.0000	56.1821

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	123.5	25.0694	1.4816	0.0000	56.1821
Total		25.0694	1.4816	0.0000	56.1821

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	123.5	25.0694	1.4816	0.0000	56.1821
Total		25.0694	1.4816	0.0000	56.1821

9.0 Operational Offroad

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