

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 orValue | 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 | | | 4.0600e-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 | | | 4.0600e-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 |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|

| 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 |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|

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 |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|

| 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 |
|-------|-------------|-------------|-------------|--------|-------------|--------|-------------|-------------|--------|-------------|--------|--------|--------|--------|--------|--------|

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 |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|

| 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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Vegetation
