
ATTACHMENT 1

CalEEMod Calculation

3010 Mt. Vista Drive, San Jose, California
Bay Area AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|------|-------------------|-------------|--------------------|------------|
| User Defined Commercial | 0.00 | User Defined Unit | 0.00 | 2,600.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|-----------------|--------------------------------|------------------|-----|---------------------------|------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 64 |
| Climate Zone | 4 | | | Operational Year | 2014 |
| Utility Company | Pacific Gas & Electric Company | | | | |

| | | | | | |
|--------------------------|--------|--------------------------|-------|--------------------------|-------|
| CO2 Intensity (lb/MW/hr) | 641.35 | CH4 Intensity (lb/MW/hr) | 0.029 | N2O Intensity (lb/MW/hr) | 0.006 |
|--------------------------|--------|--------------------------|-------|--------------------------|-------|

1.3 User Entered Comments & Non-Default Data

Project Characteristics -
 Land Use - Arco Gas Station AM/PM Store
 Construction Phase - Demolition is for 2 days.
 Site Preparation takes two weeks.
 Off-road Equipment - Demolishing the old building
 Grading - The change will be on approximately 400 square feet area
 Architectural Coating - This is final step for completion.

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|-----------|
| tblArchitecturalCoating | EF_Nonresidential_Exterior | 150.00 | 250.00 |
| tblArchitecturalCoating | EF_Nonresidential_Interior | 100.00 | 250.00 |

| | | | |
|-------------------------|-------------------------|--------------------------|--------------------------|
| tb\ArchitecturalCoating | EF_Residential_Exterior | 150.00 | 250.00 |
| tb\ArchitecturalCoating | EF_Residential_Interior | 100.00 | 250.00 |
| tb\ConstructionPhase | NumDays | 0.00 | 2.00 |
| tb\ConstructionPhase | NumDays | 0.00 | 39.00 |
| tb\ConstructionPhase | NumDays | 0.00 | 2.00 |
| tb\ConstructionPhase | NumDays | 0.00 | 15.00 |
| tb\ConstructionPhase | NumDays | 0.00 | 5.00 |
| tb\ConstructionPhase | NumDays | 0.00 | 13.00 |
| tb\ConstructionPhase | PhaseEndDate | 2/23/2016 | 2/26/2016 |
| tb\ConstructionPhase | PhaseEndDate | 12/24/2015 | 2/24/2016 |
| tb\ConstructionPhase | PhaseEndDate | 10/22/2015 | 10/31/2015 |
| tb\ConstructionPhase | PhaseEndDate | 3/2/2016 | 2/19/2016 |
| tb\ConstructionPhase | PhaseEndDate | 9/25/2015 | 10/1/2015 |
| tb\ConstructionPhase | PhaseStartDate | 2/20/2016 | 2/25/2016 |
| tb\ConstructionPhase | PhaseStartDate | 11/1/2015 | 1/1/2016 |
| tb\ConstructionPhase | PhaseStartDate | 10/2/2015 | 10/12/2015 |
| tb\ConstructionPhase | PhaseStartDate | 2/25/2016 | 2/15/2016 |
| tb\ConstructionPhase | PhaseStartDate | 9/9/2015 | 9/15/2015 |
| tb\Grading | AcresOfGrading | 0.00 | 0.10 |
| tb\Grading | AcresOfGrading | 6.50 | 0.10 |
| tb\LandUse | LandUseSquareFeet | 0.00 | 2,600.00 |
| tb\OffRoadEquipment | HorsePower | 85.00 | 81.00 |
| tb\OffRoadEquipment | HorsePower | 97.00 | 255.00 |
| tb\OffRoadEquipment | HorsePower | 171.00 | 97.00 |
| tb\OffRoadEquipment | LoadFactor | 0.78 | 0.73 |
| tb\OffRoadEquipment | LoadFactor | 0.37 | 0.40 |
| tb\OffRoadEquipment | LoadFactor | 0.42 | 0.37 |
| tb\OffRoadEquipment | OffRoadEquipmentType | Concrete/Industrial Saws | Crushing/Proc. Equipment |

| tb\OffRoadEquipment | OffRoadEquipmentType | Tractors/Loaders/Backhoes | Other Construction Equipment |
|---------------------|----------------------------|---------------------------|------------------------------|
| tb\OffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 1.00 |
| tb\OffRoadEquipment | UsageHours | 6.00 | 1.00 |
| tb\TripsAndVMT | WorkerTripNumber | 15.00 | 10.00 |

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

| Year | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| | lb/day | | | | | | | | | | | | | | | |
| 2015 | 2,5049 | 19,3000 | 13,9645 | 0.0204 | 0.8541 | 1,4406 | 1,7298 | 0.4396 | 1,3923 | 1,4173 | 0.0000 | 1,994,702 6 | 1,994,702 6 | 0.3570 | 0.0000 | 2,002,199 0 |
| 2016 | 30,4960 | 24,4482 | 16,5596 | 0.0245 | 0.1792 | 1,6019 | 1,7810 | 0.0475 | 1,4773 | 1,5248 | 0.0000 | 2,433,016 5 | 2,433,016 5 | 0.6619 | 0.0000 | 2,446,915 5 |
| Total | 33,0008 | 43,7482 | 30,5241 | 0.0449 | 1.0333 | 3,0425 | 3,5108 | 0.4871 | 2,8695 | 2,9421 | 0.0000 | 4,427,719 1 | 4,427,719 1 | 1.0188 | 0.0000 | 4,449,114 5 |

Mitigated Construction

| Year | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| | lb/day | | | | | | | | | | | | | | | |
| 2015 | 2,5049 | 19,3000 | 13,9645 | 0.0204 | 0.8541 | 1,4406 | 1,7298 | 0.4396 | 1,3923 | 1,4173 | 0.0000 | 1,994,702 6 | 1,994,702 6 | 0.3570 | 0.0000 | 2,002,199 0 |
| 2016 | 30,4960 | 24,4482 | 16,5596 | 0.0245 | 0.1792 | 1,6019 | 1,7810 | 0.0475 | 1,4773 | 1,5248 | 0.0000 | 2,433,016 5 | 2,433,016 5 | 0.6619 | 0.0000 | 2,446,915 5 |
| Total | 33,0008 | 43,7482 | 30,5241 | 0.0449 | 1.0333 | 3,0425 | 3,5108 | 0.4871 | 2,8695 | 2,9421 | 0.0000 | 4,427,719 1 | 4,427,719 1 | 1.0188 | 0.0000 | 4,449,114 5 |
| | ROG | NOx | CO | SO2 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

2.2 Overall Operational

Unmitigated Operational

| 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 |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|
| Area | 0.0631 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Energy | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Mobile | 0.0000 | 0.0000 | 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 | 0.0631 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Operational

| 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 |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|
| Area | 0.0631 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Energy | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Mobile | 0.0000 | 0.0000 | 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 | 0.0631 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

| Percent Reduction | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio-CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|---------|----------|-----------|------|------|------|
| 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 | 0.00 | 0.00 | 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 | 9/7/2015 | 9/8/2015 | 5 | 2 | |
| 2 | Site Preparation | Site Preparation | 9/15/2015 | 10/1/2015 | 5 | 13 | |
| 3 | Grading | Grading | 10/12/2015 | 10/31/2015 | 5 | 15 | |
| 4 | Building Construction | Building Construction | 1/1/2016 | 2/24/2016 | 5 | 39 | |
| 5 | Paving | Paving | 2/15/2016 | 2/19/2016 | 5 | 5 | |
| 6 | Architectural Coating | Architectural Coating | 2/25/2016 | 2/26/2016 | 5 | 2 | |

Acres of Grading (Site Preparation Phase): 0.1

Acres of Grading (Grading Phase): 0.1

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,900; Non-Residential Outdoor: 1,300 (Architectural Coating – sqft)

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 | 4 | 6.00 | 9 | 0.56 |
| Demolition | Crushing/Proc. Equipment | 1 | 8.00 | 81 | 0.73 |
| Grading | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Building Construction | Cranes | 1 | 4.00 | 226 | 0.29 |
| Building Construction | Forklifts | 2 | 6.00 | 89 | 0.20 |
| Site Preparation | Graders | 1 | 8.00 | 174 | 0.41 |
| Paving | Pavers | 1 | 7.00 | 125 | 0.42 |
| Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Demolition | Tractors/Loaders/Backhoes | 1 | 1.00 | 255 | 0.40 |
| Grading | Rubber Tired Dozers | 1 | 1.00 | 255 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Demolition | Other Construction Equipment | 2 | 6.00 | 97 | 0.37 |
| Grading | Tractors/Loaders/Backhoes | 2 | 6.00 | 97 | 0.37 |
| Paving | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Rubber Tired Dozers | 1 | 1.00 | 255 | 0.40 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 10.00 | 0.00 | 0.00 | 12.40 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 2 | 5.00 | 0.00 | 0.00 | 12.40 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 4 | 10.00 | 0.00 | 0.00 | 12.40 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 1.00 | 0.00 | 0.00 | 12.40 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 7 | 18.00 | 0.00 | 0.00 | 12.40 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 0.00 | 0.00 | 0.00 | 12.40 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2015

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------|-----------|-------------------|---------------|-----|-------------------|
| Off-Road | 2.4592 | 19.2329 | 13.3416 | 0.0193 | 1.4398 | 1.4398 | 1.4398 | 1.3915 | 1.3915 | 1.3915 | 1,901.5767 | 7 | 1,901.5767 | 0.3515 | | 1,908.9579 |
| Total | 2.4592 | 19.2329 | 13.3416 | 0.0193 | 1.4398 | 1.4398 | 1.4398 | 1.3915 | 1.3915 | 1.3915 | | 7 | 1,901.5767 | 0.3515 | | 1,908.9579 |

3.2 Demolition - 2015

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 |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| 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 | 0.0457 | 0.0671 | 0.6229 | 1.0700e-003 | 0.0943 | 8.0000e-004 | 0.0951 | 0.0250 | 7.4000e-004 | 0.0258 | | 93.1260 | 93.1260 | 5.4800e-003 | | 93.2411 |
| Total | 0.0457 | 0.0671 | 0.6229 | 1.0700e-003 | 0.0943 | 8.0000e-004 | 0.0951 | 0.0250 | 7.4000e-004 | 0.0258 | | 93.1260 | 93.1260 | 5.4800e-003 | | 93.2411 |

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 |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 2.4592 | 19.2329 | 13.3416 | 0.0193 | | 1.4398 | 1.4398 | | 1.3915 | 1.3915 | 0.0000 | 1,901.5767 | 1,901.5767 | 0.3515 | | 1,908.9579 |
| Total | 2.4592 | 19.2329 | 13.3416 | 0.0193 | | 1.4398 | 1.4398 | | 1.3915 | 1.3915 | 0.0000 | 1,901.5767 | 1,901.5767 | 0.3515 | | 1,908.9579 |

3.2 Demolition - 2015

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| | 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 | 0.0457 | 0.0671 | 0.6229 | 1.0700e-003 | 0.0943 | 8.0000e-004 | 0.0951 | 0.0250 | 7.4000e-004 | 0.0258 | | 93.1260 | 93.1260 | 5.4800e-003 | | 93.2411 |
| Total | 0.0457 | 0.0671 | 0.6229 | 1.0700e-003 | 0.0943 | 8.0000e-004 | 0.0951 | 0.0250 | 7.4000e-004 | 0.0258 | | 93.1260 | 93.1260 | 5.4800e-003 | | 93.2411 |

3.3 Site Preparation - 2015

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| | lb/day | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 8.1600e-003 | 0.0000 | 8.1600e-003 | 8.8000e-004 | 0.0000 | 8.8000e-004 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.4222 | 14.2999 | 7.4063 | 9.3600e-003 | 0.8797 | 0.8797 | 0.8797 | 0.8093 | 0.8093 | 0.8093 | | 984.5542 | 984.5542 | 0.2939 | | 990.7267 |
| Total | 1.4222 | 14.2999 | 7.4063 | 9.3600e-003 | 0.8797 | 0.8797 | 0.8879 | 8.8000e-004 | 0.8093 | 0.8102 | | 984.5542 | 984.5542 | 0.2939 | | 990.7267 |

3.3 Site Preparation - 2015

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 |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| | 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 | 0.0229 | 0.0335 | 0.3114 | 5.4000e-004 | 0.0472 | 4.0000e-004 | 0.0476 | 0.0125 | 3.7000e-004 | 0.0129 | | 46.5630 | 46.5630 | 2.7400e-003 | | 46.6206 |
| Total | 0.0229 | 0.0335 | 0.3114 | 5.4000e-004 | 0.0472 | 4.0000e-004 | 0.0476 | 0.0125 | 3.7000e-004 | 0.0129 | | 46.5630 | 46.5630 | 2.7400e-003 | | 46.6206 |

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 |
|---------------|---------------|----------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| | lb/day | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 8.1600e-003 | 0.0000 | 8.1600e-003 | 8.8000e-004 | 0.0000 | 8.8000e-004 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.4222 | 14.2999 | 7.4063 | 9.3600e-003 | 0.8797 | 0.8797 | 0.8797 | 0.8093 | 0.8093 | 0.8093 | 0.0000 | 984.5542 | 984.5542 | 0.2939 | | 990.7267 |
| Total | 1.4222 | 14.2999 | 7.4063 | 9.3600e-003 | 0.8797 | 0.8797 | 0.8879 | 8.8000e-004 | 0.8093 | 0.8102 | 0.0000 | 984.5542 | 984.5542 | 0.2939 | | 990.7267 |

3.3 Site Preparation - 2015

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| | 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 | 0.0229 | 0.0335 | 0.3114 | 5.4000e-004 | 0.0472 | 4.0000e-004 | 0.0476 | 0.0125 | 3.7000e-004 | 0.0129 | | 46.5630 | 46.5630 | 2.7400e-003 | | 46.6206 |
| Total | 0.0229 | 0.0335 | 0.3114 | 5.4000e-004 | 0.0472 | 4.0000e-004 | 0.0476 | 0.0125 | 3.7000e-004 | 0.0129 | | 46.5630 | 46.5630 | 2.7400e-003 | | 46.6206 |

3.4 Grading - 2015

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| | lb/day | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 0.7598 | 0.0000 | 0.7598 | 0.4145 | 0.0000 | 0.4145 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.4120 | 11.9409 | 8.8138 | 0.0120 | 0.8748 | 0.8748 | 0.8748 | 0.8359 | 0.8359 | 0.8359 | | 1,200.6386 | 1,200.6386 | 0.2451 | | 1,205.7861 |
| Total | 1.4120 | 11.9409 | 8.8138 | 0.0120 | 0.7598 | 0.8748 | 1.6346 | 0.4145 | 0.8359 | 1.2504 | | 1,200.6386 | 1,200.6386 | 0.2451 | | 1,205.7861 |

3.4 Grading - 2015

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 |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| | 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 | 0.0457 | 0.0671 | 0.6229 | 1.0700e-003 | 0.0943 | 8.0000e-004 | 0.0951 | 0.0250 | 7.4000e-004 | 0.0258 | | 93.1260 | 93.1260 | 5.4800e-003 | | 93.2411 |
| Total | 0.0457 | 0.0671 | 0.6229 | 1.0700e-003 | 0.0943 | 8.0000e-004 | 0.0951 | 0.0250 | 7.4000e-004 | 0.0258 | | 93.1260 | 93.1260 | 5.4800e-003 | | 93.2411 |

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 |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| | lb/day | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 0.7598 | 0.0000 | 0.7598 | 0.4145 | 0.0000 | 0.4145 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.4120 | 11.9409 | 8.8138 | 0.0120 | 0.8748 | 0.8748 | 0.8748 | 0.8359 | 0.8359 | 0.8359 | 0.0000 | 1,200.6386 | 1,200.6386 | 0.2451 | | 1,205.7861 |
| Total | 1.4120 | 11.9409 | 8.8138 | 0.0120 | 0.7598 | 0.8748 | 1.6346 | 0.4145 | 0.8359 | 1.2504 | 0.0000 | 1,200.6386 | 1,200.6386 | 0.2451 | | 1,205.7861 |

3.4 Grading - 2015

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| 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 | 0.0457 | 0.0671 | 0.6229 | 1.0700e-003 | 0.0943 | 8.0000e-004 | 0.0951 | 0.0250 | 7.4000e-004 | 0.0258 | | 93.1260 | 93.1260 | 5.4800e-003 | | 93.2411 |
| Total | 0.0457 | 0.0671 | 0.6229 | 1.0700e-003 | 0.0943 | 8.0000e-004 | 0.0951 | 0.0250 | 7.4000e-004 | 0.0258 | | 93.1260 | 93.1260 | 5.4800e-003 | | 93.2411 |

3.5 Building Construction - 2016

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Off-Road | 1.3816 | 13.7058 | 8.2122 | 0.0113 | | 0.9398 | 0.9398 | | 0.8646 | 0.8646 | | 1,178.5549 | 1,178.5549 | 0.3555 | | 1,186.0202 |
| Total | 1.3816 | 13.7058 | 8.2122 | 0.0113 | | 0.9398 | 0.9398 | | 0.8646 | 0.8646 | | 1,178.5549 | 1,178.5549 | 0.3555 | | 1,186.0202 |

3.5 Building Construction - 2016

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 |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------|---------------|---------------|--------------------|-----|---------------|
| 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 | 4.0800e-003 | 6.0100e-003 | 0.0555 | 1.1000e-004 | 9.4300e-003 | 8.0000e-005 | 9.5100e-003 | 2.5000e-003 | 7.0000e-005 | 2.5700e-003 | | 8.9936 | 8.9936 | 5.0000e-004 | | 9.0041 |
| Total | 4.0800e-003 | 6.0100e-003 | 0.0555 | 1.1000e-004 | 9.4300e-003 | 8.0000e-005 | 9.5100e-003 | 2.5000e-003 | 7.0000e-005 | 2.5700e-003 | | 8.9936 | 8.9936 | 5.0000e-004 | | 9.0041 |

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 |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Off-Road | 1.3816 | 13.7058 | 8.2122 | 0.0113 | | 0.9398 | 0.9398 | | 0.8646 | 0.8646 | 0.0000 | 1,178.5549 | 1,178.5549 | 0.3555 | | 1,186.0202 |
| Total | 1.3816 | 13.7058 | 8.2122 | 0.0113 | | 0.9398 | 0.9398 | | 0.8646 | 0.8646 | 0.0000 | 1,178.5549 | 1,178.5549 | 0.3555 | | 1,186.0202 |

3.5 Building Construction - 2016

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------|---------------|---------------|--------------------|-----|---------------|
| | 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 | 4.0800e-003 | 6.0100e-003 | 0.0555 | 1.1000e-004 | 9.4300e-003 | 8.0000e-005 | 9.5100e-003 | 2.5000e-003 | 7.0000e-005 | 2.5700e-003 | | 8.9936 | 8.9936 | 5.0000e-004 | | 9.0041 |
| Total | 4.0800e-003 | 6.0100e-003 | 0.0555 | 1.1000e-004 | 9.4300e-003 | 8.0000e-005 | 9.5100e-003 | 2.5000e-003 | 7.0000e-005 | 2.5700e-003 | | 8.9936 | 8.9936 | 5.0000e-004 | | 9.0041 |

3.6 Paving - 2016

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------------|------------------------------|---------------|-----|------------------------------|
| | lb/day | | | | | | | | | | | | | | | |
| Off-Road | 1.1203 | 10.6282 | 7.2935 | 0.0111 | | 0.6606 | 0.6606 | | 0.6113 | 0.6113 | | 1,083,583 ² | 1,083,583 ² | 0.2969 | | 1,089,817 ⁵ |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.1203 | 10.6282 | 7.2935 | 0.0111 | | 0.6606 | 0.6606 | | 0.6113 | 0.6113 | | 1,083,583² | 1,083,583² | 0.2969 | | 1,089,817⁵ |

3.6 Paving - 2016

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 |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| 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 | 0.0734 | 0.1082 | 0.9984 | 1.9300e-003 | 0.1698 | 1.3600e-003 | 0.1711 | 0.0450 | 1.2500e-003 | 0.0463 | | 161.8848 | 161.8848 | 9.0000e-003 | | 162.0737 |
| Total | 0.0734 | 0.1082 | 0.9984 | 1.9300e-003 | 0.1698 | 1.3600e-003 | 0.1711 | 0.0450 | 1.2500e-003 | 0.0463 | | 161.8848 | 161.8848 | 9.0000e-003 | | 162.0737 |

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 |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------------|------------------------------|---------------|-----|------------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.1203 | 10.6282 | 7.2935 | 0.0111 | | 0.6606 | 0.6606 | | 0.6113 | 0.6113 | 0.0000 | 1,083,583 ² | 1,083,583 ² | 0.2969 | | 1,089,817 ⁵ |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.1203 | 10.6282 | 7.2935 | 0.0111 | | 0.6606 | 0.6606 | | 0.6113 | 0.6113 | 0.0000 | 1,083,583² | 1,083,583² | 0.2969 | | 1,089,817⁵ |

3.6 Paving - 2016

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| | 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 | 0.0734 | 0.1082 | 0.9984 | 1.9300e-003 | 0.1698 | 1.3600e-003 | 0.1711 | 0.0450 | 1.2500e-003 | 0.0463 | | 161.8848 | 161.8848 | 9.0000e-003 | | 162.0737 |
| Total | 0.0734 | 0.1082 | 0.9984 | 1.9300e-003 | 0.1698 | 1.3600e-003 | 0.1711 | 0.0450 | 1.2500e-003 | 0.0463 | | 161.8848 | 161.8848 | 9.0000e-003 | | 162.0737 |

3.7 Architectural Coating - 2016

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| | lb/day | | | | | | | | | | | | | | | |
| Archit. Coating | 30.1275 | | | | | 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 | 0.1966 | 0.1966 | | 281.4481 | 281.4481 | 0.0332 | | 282.1449 |
| Total | 30.4960 | 2.3722 | 1.8839 | 2.9700e-003 | 0.1966 | 0.1966 | 0.1966 | 0.1966 | 0.1966 | 0.1966 | | 281.4481 | 281.4481 | 0.0332 | | 282.1449 |

3.7 Architectural Coating - 2016

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 |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|---------------|---------------|-----|---------------|
| 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 |
| 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 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | | 0.0000 |
| Total | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | | 0.0000 |

Mitigated Construction 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 |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 30.1275 | | | | | 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 | 0.1966 | 0.1966 | 0.0000 | 281.4481 | 281.4481 | 0.0332 | | 282.1449 |
| Total | 30.4960 | 2.3722 | 1.8839 | 2.9700e-003 | 0.1966 | 0.1966 | 0.1966 | 0.1966 | 0.1966 | 0.1966 | 0.0000 | 281.4481 | 281.4481 | 0.0332 | | 282.1449 |

3.7 Architectural Coating - 2016

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|---------------|---------------|-----|---------------|
| 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 |
| 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 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | | 0.0000 |
| Total | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | | 0.0000 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated Annual VMT | Mitigated Annual VMT |
|-------------------------|-------------------------|-------------|-------------|------------------------|----------------------|
| | Weekday | Saturday | Sunday | | |
| User Defined Commercial | 0.00 | 0.00 | 0.00 | | |
| Total | 0.00 | 0.00 | 0.00 | | |

4.3 Trip Type Information

| Land Use | Miles | | | | | | Trip % | | | | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|---------|----------|---------|--|--|--|----------------|--|--|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by | | | | | | |
| User Defined Commercial | 9.50 | 7.30 | 7.30 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | | | | | | |

5.0 Energy Detail

| | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
| 0.546249 | 0.062948 | 0.174600 | 0.125189 | 0.034587 | 0.004960 | 0.015036 | 0.022157 | 0.002053 | 0.003311 | 0.006538 | 0.000702 | 0.001670 |

Historical Energy Use: N

5.1 Mitigation Measures Energy

| Category | lb/day | | | | | | | | | | | lb/day | | | | |
|-------------------------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Natural Gas Mitigated | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Natural Gas Unmitigated | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

5.2 Energy by Land Use - NaturalGas

Unmitigated

| Land Use | NaturalGas Use KBTU/yr | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|
| lb/day | | | | | | | | | | | | | | | | | |
| User Defined Commercial | 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 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated

| Land Use | NaturalGas Use KBTU/yr | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|
| lb/day | | | | | | | | | | | | | | | | | |
| User Defined Commercial | 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 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

6.0 Area Detail

6.1 Mitigation Measures Area

| 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 |
|-------------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|-----|--------|
| Mitigated | 0.0631 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Unmitigated | 0.0631 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| lb/day | | | | | | | | | | | | | | | | |

6.2 Area by SubCategory

Unmitigated

| SubCategory | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|-----|---------------|
| Consumer Products | 0.0556 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Architectural Coating | 7.4300e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.0631 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| lb/day | | | | | | | | | | | | | | | | |

6.2 Area by SubCategory

Mitigated

| SubCategory | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Consumer Products | 0.0556 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Architectural Coating | 7.4300e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.0631 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
| | | | | | | |

10.0 Vegetation