

# Appendix A

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Air Quality and Greenhouse Gas Emissions Modeling



## West Hollywood - Los Angeles-South Coast County, Summary Report

## West Hollywood

### Los Angeles-South Coast, Summary Report

## 1.0 Project Characteristics

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### 1.1 Land Usage

| Land Uses                         | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------------------|-------|---------------|-------------|--------------------|------------|
| Enclosed Parking with Elevator    | 25.00 | Space         | 0.00        | 10,000.00          | 0          |
| Congregate Care (Assisted Living) | 49.00 | Dwelling Unit | 0.44        | 31,393.00          | 77         |

### 1.2 Other Project Characteristics

|                                |                            |                                |       |                                  |       |
|--------------------------------|----------------------------|--------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>            | Urban                      | <b>Wind Speed (m/s)</b>        | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>            | 11                         |                                |       | <b>Operational Year</b>          | 2019  |
| <b>Utility Company</b>         | Southern California Edison |                                |       |                                  |       |
| <b>CO2 Intensity (lb/MWhr)</b> | 702.44                     | <b>CH4 Intensity (lb/MWhr)</b> | 0.029 | <b>N2O Intensity (lb/MWhr)</b>   | 0.006 |

### 1.3 User Entered Comments

Only CalEEMod defaults were used.

## West Hollywood - Los Angeles-South Coast County, Summary Report

## Project Characteristics -

Land Use - Adjusted lot acreage and square feet to reflect actual values. Square feet = total indoor floor area. population changed to reflect estimates in report

Construction Phase - Adjusted architectural coating from beginning after construction to halfway through construction, which better reflects actual construction practices.

Demolition -

Grading - Estimated cut from the site provided by project Architect.

Architectural Coating - SCAQMD Rule 1113 sets a VOC limit of 50 g/L for non-flat coatings.

Woodstoves - SCAQMD Rule 445 prohibits wood-burning devices. Senior studio units are not expected to include fireplaces.

Area Coating - SCAQMD Rule 1113 limits VOC from non-flat coatings to 50 g/L.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 requires watering to reduce particulate matter emission during construction.

Area Mitigation -

Waste Mitigation -

Vehicle Trips - Used ITE trip rate for congregate care facility

## 2.0 Peak Daily Emissions

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### Peak Daily Construction Emissions

#### Peak Daily Construction Emissions





West Hollywood - Los Angeles-South Coast County, Winter

**West Hollywood**  
**Los Angeles-South Coast County, Winter**

**1.0 Project Characteristics**

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**1.1 Land Usage**

| Land Uses                         | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------------------|-------|---------------|-------------|--------------------|------------|
| Enclosed Parking with Elevator    | 25.00 | Space         | 0.00        | 10,000.00          | 0          |
| Congregate Care (Assisted Living) | 49.00 | Dwelling Unit | 0.44        | 31,393.00          | 77         |

**1.2 Other Project Characteristics**

|                                |                            |                                |       |                                  |       |
|--------------------------------|----------------------------|--------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>            | Urban                      | <b>Wind Speed (m/s)</b>        | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>            | 11                         |                                |       | <b>Operational Year</b>          | 2019  |
| <b>Utility Company</b>         | Southern California Edison |                                |       |                                  |       |
| <b>CO2 Intensity (lb/MWhr)</b> | 702.44                     | <b>CH4 Intensity (lb/MWhr)</b> | 0.029 | <b>N2O Intensity (lb/MWhr)</b>   | 0.006 |

**1.3 User Entered Comments & Non-Default Data**

## West Hollywood - Los Angeles-South Coast County, Winter

## Project Characteristics -

Land Use - Adjusted lot acreage and square feet to reflect actual values. Square feet = total indoor floor area. population changed to reflect estimates in report

Construction Phase - Adjusted architectural coating from beginning after construction to halfway through construction, which better reflects actual construction practices.

## Demolition -

Grading - Estimated cut from the site provided by project Architect.

Architectural Coating - SCAQMD Rule 1113 sets a VOC limit of 50 g/L for non-flat coatings.

Woodstoves - SCAQMD Rule 445 prohibits wood-burning devices. Senior studio units are not expected to include fireplaces.

Area Coating - SCAQMD Rule 1113 limits VOC from non-flat coatings to 50 g/L.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 requires watering to reduce particulate matter emission during construction.

## Area Mitigation -

## Waste Mitigation -

Vehicle Trips - Used ITE trip rate for congregate care facility

| Table Name              | Column Name                     | Default Value | New Value |
|-------------------------|---------------------------------|---------------|-----------|
| tblArchitecturalCoating | EF_Nonresidential_Exterior      | 100.00        | 50.00     |
| tblArchitecturalCoating | EF_Nonresidential_Interior      | 100.00        | 50.00     |
| tblAreaCoating          | Area_EF_Nonresidential_Exterior | 100           | 50        |
| tblAreaCoating          | Area_EF_Nonresidential_Interior | 100           | 50        |
| tblAreaMitigation       | UseLowVOCPaintParkingCheck      | False         | True      |
| tblConstDustMitigation  | WaterUnpavedRoadVehicleSpeed    | 40            | 0         |
| tblConstructionPhase    | NumDays                         | 5.00          | 50.00     |
| tblConstructionPhase    | PhaseEndDate                    | 4/23/2018     | 2/14/2018 |
| tblConstructionPhase    | PhaseStartDate                  | 2/8/2018      | 12/7/2017 |
| tblFireplaces           | FireplaceDayYear                | 25.00         | 0.00      |
| tblFireplaces           | FireplaceHourDay                | 3.00          | 0.00      |
| tblFireplaces           | FireplaceWoodMass               | 1,019.20      | 0.00      |
| tblFireplaces           | NumberGas                       | 41.65         | 0.00      |



## West Hollywood - Los Angeles-South Coast County, Winter

|                           |                         |           |           |
|---------------------------|-------------------------|-----------|-----------|
| tblFireplaces             | NumberNoFireplace       | 4.90      | 49.00     |
| tblFireplaces             | NumberWood              | 2.45      | 0.00      |
| tblGrading                | MaterialExported        | 0.00      | 6,600.00  |
| tblLandUse                | BuildingSpaceSquareFeet | 49,000.00 | 31,393.00 |
| tblLandUse                | LandUseSquareFeet       | 49,000.00 | 31,393.00 |
| tblLandUse                | LotAcreage              | 0.22      | 0.00      |
| tblLandUse                | LotAcreage              | 3.06      | 0.44      |
| tblLandUse                | Population              | 140.00    | 77.00     |
| tblProjectCharacteristics | OperationalYear         | 2018      | 2019      |
| tblVehicleTrips           | WD_TR                   | 2.74      | 2.15      |
| tblWoodstoves             | NumberCatalytic         | 2.45      | 0.00      |
| tblWoodstoves             | NumberNoncatalytic      | 2.45      | 0.00      |
| tblWoodstoves             | WoodstoveDayYear        | 25.00     | 0.00      |
| tblWoodstoves             | WoodstoveWoodMass       | 999.60    | 0.00      |

## 2.0 Emissions Summary

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West Hollywood - Los Angeles-South Coast County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O                | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|--------------------|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |                    |                   |
| Area         | 0.8043        | 0.0471        | 4.0652        | 2.1000e-004   |               | 0.0223        | 0.0223        |                | 0.0223        | 0.0223        | 0.0000        | 7.2845            | 7.2845            | 7.1600e-003   | 0.0000             | 7.4635            |
| Energy       | 0.0162        | 0.1381        | 0.0588        | 8.8000e-004   |               | 0.0112        | 0.0112        |                | 0.0112        | 0.0112        |               | 176.2564          | 176.2564          | 3.3800e-003   | 3.2300e-003        | 177.3038          |
| Mobile       | 0.2676        | 1.3139        | 3.5947        | 0.0110        | 0.8689        | 0.0131        | 0.8819        | 0.2326         | 0.0123        | 0.2448        |               | 1,113.5824        | 1,113.5824        | 0.0664        |                    | 1,115.2435        |
| <b>Total</b> | <b>1.0880</b> | <b>1.4991</b> | <b>7.7187</b> | <b>0.0121</b> | <b>0.8689</b> | <b>0.0465</b> | <b>0.9153</b> | <b>0.2326</b>  | <b>0.0457</b> | <b>0.2783</b> | <b>0.0000</b> | <b>1,297.1234</b> | <b>1,297.1234</b> | <b>0.0770</b> | <b>3.2300e-003</b> | <b>1,300.0109</b> |

**Mitigated Operational**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O                | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|--------------------|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |                    |                   |
| Area         | 0.8043        | 0.0471        | 4.0652        | 2.1000e-004   |               | 0.0223        | 0.0223        |                | 0.0223        | 0.0223        | 0.0000        | 7.2845            | 7.2845            | 7.1600e-003   | 0.0000             | 7.4635            |
| Energy       | 0.0162        | 0.1381        | 0.0588        | 8.8000e-004   |               | 0.0112        | 0.0112        |                | 0.0112        | 0.0112        |               | 176.2564          | 176.2564          | 3.3800e-003   | 3.2300e-003        | 177.3038          |
| Mobile       | 0.2676        | 1.3139        | 3.5947        | 0.0110        | 0.8689        | 0.0131        | 0.8819        | 0.2326         | 0.0123        | 0.2448        |               | 1,113.5824        | 1,113.5824        | 0.0664        |                    | 1,115.2435        |
| <b>Total</b> | <b>1.0880</b> | <b>1.4991</b> | <b>7.7187</b> | <b>0.0121</b> | <b>0.8689</b> | <b>0.0465</b> | <b>0.9153</b> | <b>0.2326</b>  | <b>0.0457</b> | <b>0.2783</b> | <b>0.0000</b> | <b>1,297.1234</b> | <b>1,297.1234</b> | <b>0.0770</b> | <b>3.2300e-003</b> | <b>1,300.0109</b> |

## West Hollywood - Los Angeles-South Coast County, Winter

|                   | ROG  | NOx  | CO   | SO2  | 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 |

### 3.0 Construction Detail

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#### Construction Phase

| Phase Number | Phase Name            | Phase Type            | Start Date | End Date  | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|-----------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 8/28/2017  | 9/8/2017  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 9/9/2017   | 9/11/2017 | 5             | 1        |                   |
| 3            | Grading               | Grading               | 9/12/2017  | 9/13/2017 | 5             | 2        |                   |
| 4            | Building Construction | Building Construction | 9/14/2017  | 1/31/2018 | 5             | 100      |                   |
| 5            | Architectural Coating | Architectural Coating | 12/7/2017  | 2/14/2018 | 5             | 50       |                   |
| 6            | Paving                | Paving                | 2/1/2018   | 2/7/2018  | 5             | 5        |                   |

**Acres of Grading (Site Preparation Phase): 0.5**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 0**

**Residential Indoor: 63,571; Residential Outdoor: 21,190; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 600 (Architectural Coating – sqft)**

#### OffRoad Equipment

West Hollywood - Los Angeles-South Coast County, Winter

| Phase Name            | Offroad Equipment Type    | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition            | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Demolition            | Rubber Tired Dozers       | 1      | 1.00        | 247         | 0.40        |
| Demolition            | Tractors/Loaders/Backhoes | 2      | 6.00        | 97          | 0.37        |
| Site Preparation      | Graders                   | 1      | 8.00        | 187         | 0.41        |
| Site Preparation      | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Grading               | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Grading               | Rubber Tired Dozers       | 1      | 1.00        | 247         | 0.40        |
| Grading               | Tractors/Loaders/Backhoes | 2      | 6.00        | 97          | 0.37        |
| Building Construction | Cranes                    | 1      | 4.00        | 231         | 0.29        |
| Building Construction | Forklifts                 | 2      | 6.00        | 89          | 0.20        |
| Building Construction | Tractors/Loaders/Backhoes | 2      | 8.00        | 97          | 0.37        |
| Architectural Coating | Air Compressors           | 1      | 6.00        | 78          | 0.48        |
| Paving                | Cement and Mortar Mixers  | 4      | 6.00        | 9           | 0.56        |
| Paving                | Pavers                    | 1      | 7.00        | 130         | 0.42        |
| Paving                | Rollers                   | 1      | 7.00        | 80          | 0.38        |
| Paving                | Tractors/Loaders/Backhoes | 1      | 7.00        | 97          | 0.37        |

**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            | 4                       | 10.00              | 0.00               | 14.00               | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 2                       | 5.00               | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 4                       | 10.00              | 0.00               | 825.00              | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 5                       | 39.00              | 7.00               | 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                  |
| Paving                | 7                       | 18.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

West Hollywood - Los Angeles-South Coast County, Winter

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 2017**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |               |               | 0.3117        | 0.0000        | 0.3117        | 0.0472         | 0.0000        | 0.0472        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2100        | 10.4978        | 7.9182        | 0.0120        |               | 0.7318        | 0.7318        |                | 0.6978        | 0.6978        |          | 1,179.3075        | 1,179.3075        | 0.2319        |     | 1,185.1047        |
| <b>Total</b>  | <b>1.2100</b> | <b>10.4978</b> | <b>7.9182</b> | <b>0.0120</b> | <b>0.3117</b> | <b>0.7318</b> | <b>1.0434</b> | <b>0.0472</b>  | <b>0.6978</b> | <b>0.7449</b> |          | <b>1,179.3075</b> | <b>1,179.3075</b> | <b>0.2319</b> |     | <b>1,185.1047</b> |

West Hollywood - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0162        | 0.4938        | 0.1064        | 1.1300e-003        | 0.0245        | 2.6100e-003        | 0.0271        | 6.7100e-003    | 2.5000e-003        | 9.2100e-003   |          | 121.5947        | 121.5947        | 8.9800e-003   |     | 121.8192        |
| 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       | 0.0692        | 0.0531        | 0.5699        | 1.2200e-003        | 0.1118        | 1.0400e-003        | 0.1128        | 0.0296         | 9.6000e-004        | 0.0306        |          | 121.3913        | 121.3913        | 5.0700e-003   |     | 121.5181        |
| <b>Total</b> | <b>0.0853</b> | <b>0.5469</b> | <b>0.6763</b> | <b>2.3500e-003</b> | <b>0.1363</b> | <b>3.6500e-003</b> | <b>0.1399</b> | <b>0.0364</b>  | <b>3.4600e-003</b> | <b>0.0398</b> |          | <b>242.9860</b> | <b>242.9860</b> | <b>0.0141</b> |     | <b>243.3373</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |               |               | 0.1402        | 0.0000        | 0.1402        | 0.0212         | 0.0000        | 0.0212        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2100        | 10.4978        | 7.9182        | 0.0120        |               | 0.7318        | 0.7318        |                | 0.6978        | 0.6978        | 0.0000        | 1,179.3075        | 1,179.3075        | 0.2319        |     | 1,185.1047        |
| <b>Total</b>  | <b>1.2100</b> | <b>10.4978</b> | <b>7.9182</b> | <b>0.0120</b> | <b>0.1402</b> | <b>0.7318</b> | <b>0.8720</b> | <b>0.0212</b>  | <b>0.6978</b> | <b>0.7190</b> | <b>0.0000</b> | <b>1,179.3075</b> | <b>1,179.3075</b> | <b>0.2319</b> |     | <b>1,185.1047</b> |

West Hollywood - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0162        | 0.4938        | 0.1064        | 1.1300e-003        | 0.0245        | 2.6100e-003        | 0.0271        | 6.7100e-003    | 2.5000e-003        | 9.2100e-003   |          | 121.5947        | 121.5947        | 8.9800e-003   |     | 121.8192        |
| 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       | 0.0692        | 0.0531        | 0.5699        | 1.2200e-003        | 0.1118        | 1.0400e-003        | 0.1128        | 0.0296         | 9.6000e-004        | 0.0306        |          | 121.3913        | 121.3913        | 5.0700e-003   |     | 121.5181        |
| <b>Total</b> | <b>0.0853</b> | <b>0.5469</b> | <b>0.6763</b> | <b>2.3500e-003</b> | <b>0.1363</b> | <b>3.6500e-003</b> | <b>0.1399</b> | <b>0.0364</b>  | <b>3.4600e-003</b> | <b>0.0398</b> |          | <b>242.9860</b> | <b>242.9860</b> | <b>0.0141</b> |     | <b>243.3373</b> |

**3.3 Site Preparation - 2017**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                   |
| Fugitive Dust |               |                |               |                    | 0.5303        | 0.0000        | 0.5303        | 0.0573         | 0.0000        | 0.0573        |          |                 | 0.0000          |               |     | 0.0000            |
| Off-Road      | 0.8524        | 10.5148        | 4.3533        | 9.7700e-003        |               | 0.4726        | 0.4726        |                | 0.4347        | 0.4347        |          | 999.5201        | 999.5201        | 0.3063        |     | 1,007.1764        |
| <b>Total</b>  | <b>0.8524</b> | <b>10.5148</b> | <b>4.3533</b> | <b>9.7700e-003</b> | <b>0.5303</b> | <b>0.4726</b> | <b>1.0028</b> | <b>0.0573</b>  | <b>0.4347</b> | <b>0.4920</b> |          | <b>999.5201</b> | <b>999.5201</b> | <b>0.3063</b> |     | <b>1,007.1764</b> |



West Hollywood - Los Angeles-South Coast County, Winter

**3.3 Site Preparation - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                |                |                    |     |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Worker       | 0.0346        | 0.0266        | 0.2850        | 6.1000e-004        | 0.0559        | 5.2000e-004        | 0.0564        | 0.0148         | 4.8000e-004        | 0.0153        |          | 60.6956        | 60.6956        | 2.5400e-003        |     | 60.7591        |
| <b>Total</b> | <b>0.0346</b> | <b>0.0266</b> | <b>0.2850</b> | <b>6.1000e-004</b> | <b>0.0559</b> | <b>5.2000e-004</b> | <b>0.0564</b> | <b>0.0148</b>  | <b>4.8000e-004</b> | <b>0.0153</b> |          | <b>60.6956</b> | <b>60.6956</b> | <b>2.5400e-003</b> |     | <b>60.7591</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                   |
| Fugitive Dust |               |                |               |                    | 0.2386        | 0.0000        | 0.2386        | 0.0258         | 0.0000        | 0.0258        |               |                 | 0.0000          |               |     | 0.0000            |
| Off-Road      | 0.8524        | 10.5148        | 4.3533        | 9.7700e-003        |               | 0.4726        | 0.4726        |                | 0.4347        | 0.4347        | 0.0000        | 999.5201        | 999.5201        | 0.3063        |     | 1,007.1764        |
| <b>Total</b>  | <b>0.8524</b> | <b>10.5148</b> | <b>4.3533</b> | <b>9.7700e-003</b> | <b>0.2386</b> | <b>0.4726</b> | <b>0.7112</b> | <b>0.0258</b>  | <b>0.4347</b> | <b>0.4605</b> | <b>0.0000</b> | <b>999.5201</b> | <b>999.5201</b> | <b>0.3063</b> |     | <b>1,007.1764</b> |

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**3.3 Site Preparation - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                |                |                    |     |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Worker       | 0.0346        | 0.0266        | 0.2850        | 6.1000e-004        | 0.0559        | 5.2000e-004        | 0.0564        | 0.0148         | 4.8000e-004        | 0.0153        |          | 60.6956        | 60.6956        | 2.5400e-003        |     | 60.7591        |
| <b>Total</b> | <b>0.0346</b> | <b>0.0266</b> | <b>0.2850</b> | <b>6.1000e-004</b> | <b>0.0559</b> | <b>5.2000e-004</b> | <b>0.0564</b> | <b>0.0148</b>  | <b>4.8000e-004</b> | <b>0.0153</b> |          | <b>60.6956</b> | <b>60.6956</b> | <b>2.5400e-003</b> |     | <b>60.7591</b> |

**3.4 Grading - 2017**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |               |               | 1.1260        | 0.0000        | 1.1260        | 0.4703         | 0.0000        | 0.4703        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2100        | 10.4978        | 7.9182        | 0.0120        |               | 0.7318        | 0.7318        |                | 0.6978        | 0.6978        |          | 1,179.3075        | 1,179.3075        | 0.2319        |     | 1,185.1047        |
| <b>Total</b>  | <b>1.2100</b> | <b>10.4978</b> | <b>7.9182</b> | <b>0.0120</b> | <b>1.1260</b> | <b>0.7318</b> | <b>1.8577</b> | <b>0.4703</b>  | <b>0.6978</b> | <b>1.1680</b> |          | <b>1,179.3075</b> | <b>1,179.3075</b> | <b>0.2319</b> |     | <b>1,185.1047</b> |

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**3.4 Grading - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx             | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2          | Total CO2          | CH4           | N2O | CO2e               |
|--------------|---------------|-----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|-----|--------------------|
| Category     | lb/day        |                 |                |               |               |               |               |                |               |               | lb/day   |                    |                    |               |     |                    |
| Hauling      | 4.7682        | 145.4878        | 31.3485        | 0.3322        | 7.2115        | 0.7694        | 7.9809        | 1.9767         | 0.7361        | 2.7128        |          | 35,827.0090        | 35,827.0090        | 2.6457        |     | 35,893.1515        |
| 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       | 0.0692        | 0.0531          | 0.5699         | 1.2200e-003   | 0.1118        | 1.0400e-003   | 0.1128        | 0.0296         | 9.6000e-004   | 0.0306        |          | 121.3913           | 121.3913           | 5.0700e-003   |     | 121.5181           |
| <b>Total</b> | <b>4.8374</b> | <b>145.5409</b> | <b>31.9184</b> | <b>0.3334</b> | <b>7.3233</b> | <b>0.7704</b> | <b>8.0937</b> | <b>2.0064</b>  | <b>0.7371</b> | <b>2.7434</b> |          | <b>35,948.4003</b> | <b>35,948.4003</b> | <b>2.6508</b> |     | <b>36,014.6696</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |               |               | 0.5067        | 0.0000        | 0.5067        | 0.2116         | 0.0000        | 0.2116        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2100        | 10.4978        | 7.9182        | 0.0120        |               | 0.7318        | 0.7318        |                | 0.6978        | 0.6978        | 0.0000        | 1,179.3075        | 1,179.3075        | 0.2319        |     | 1,185.1047        |
| <b>Total</b>  | <b>1.2100</b> | <b>10.4978</b> | <b>7.9182</b> | <b>0.0120</b> | <b>0.5067</b> | <b>0.7318</b> | <b>1.2385</b> | <b>0.2116</b>  | <b>0.6978</b> | <b>0.9094</b> | <b>0.0000</b> | <b>1,179.3075</b> | <b>1,179.3075</b> | <b>0.2319</b> |     | <b>1,185.1047</b> |

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**3.4 Grading - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx             | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2          | Total CO2          | CH4           | N2O | CO2e               |
|--------------|---------------|-----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|-----|--------------------|
| Category     | lb/day        |                 |                |               |               |               |               |                |               |               | lb/day   |                    |                    |               |     |                    |
| Hauling      | 4.7682        | 145.4878        | 31.3485        | 0.3322        | 7.2115        | 0.7694        | 7.9809        | 1.9767         | 0.7361        | 2.7128        |          | 35,827.0090        | 35,827.0090        | 2.6457        |     | 35,893.1515        |
| 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       | 0.0692        | 0.0531          | 0.5699         | 1.2200e-003   | 0.1118        | 1.0400e-003   | 0.1128        | 0.0296         | 9.6000e-004   | 0.0306        |          | 121.3913           | 121.3913           | 5.0700e-003   |     | 121.5181           |
| <b>Total</b> | <b>4.8374</b> | <b>145.5409</b> | <b>31.9184</b> | <b>0.3334</b> | <b>7.3233</b> | <b>0.7704</b> | <b>8.0937</b> | <b>2.0064</b>  | <b>0.7371</b> | <b>2.7434</b> |          | <b>35,948.4003</b> | <b>35,948.4003</b> | <b>2.6508</b> |     | <b>36,014.6696</b> |

**3.5 Building Construction - 2017**

**Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 1.2812        | 12.7589        | 8.0700        | 0.0114        |               | 0.8591        | 0.8591        |                | 0.7904        | 0.7904        |          | 1,165.9164        | 1,165.9164        | 0.3572        |     | 1,174.8473        |
| <b>Total</b> | <b>1.2812</b> | <b>12.7589</b> | <b>8.0700</b> | <b>0.0114</b> |               | <b>0.8591</b> | <b>0.8591</b> |                | <b>0.7904</b> | <b>0.7904</b> |          | <b>1,165.9164</b> | <b>1,165.9164</b> | <b>0.3572</b> |     | <b>1,174.8473</b> |

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**3.5 Building Construction - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000          | 0.0000          | 0.0000        |     | 0.0000          |
| Vendor       | 0.0380        | 0.9159        | 0.2846        | 1.8100e-003        | 0.0448        | 7.7600e-003   | 0.0526        | 0.0129         | 7.4300e-003   | 0.0203        |          | 192.6669        | 192.6669        | 0.0146        |     | 193.0314        |
| Worker       | 0.2697        | 0.2072        | 2.2227        | 4.7600e-003        | 0.4359        | 4.0500e-003   | 0.4400        | 0.1156         | 3.7400e-003   | 0.1194        |          | 473.4260        | 473.4260        | 0.0198        |     | 473.9206        |
| <b>Total</b> | <b>0.3077</b> | <b>1.1230</b> | <b>2.5073</b> | <b>6.5700e-003</b> | <b>0.4807</b> | <b>0.0118</b> | <b>0.4926</b> | <b>0.1285</b>  | <b>0.0112</b> | <b>0.1397</b> |          | <b>666.0929</b> | <b>666.0929</b> | <b>0.0344</b> |     | <b>666.9520</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.2812        | 12.7589        | 8.0700        | 0.0114        |               | 0.8591        | 0.8591        |                | 0.7904        | 0.7904        | 0.0000        | 1,165.9164        | 1,165.9164        | 0.3572        |     | 1,174.8473        |
| <b>Total</b> | <b>1.2812</b> | <b>12.7589</b> | <b>8.0700</b> | <b>0.0114</b> |               | <b>0.8591</b> | <b>0.8591</b> |                | <b>0.7904</b> | <b>0.7904</b> | <b>0.0000</b> | <b>1,165.9164</b> | <b>1,165.9164</b> | <b>0.3572</b> |     | <b>1,174.8473</b> |

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**3.5 Building Construction - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000          | 0.0000          | 0.0000        |     | 0.0000          |
| Vendor       | 0.0380        | 0.9159        | 0.2846        | 1.8100e-003        | 0.0448        | 7.7600e-003   | 0.0526        | 0.0129         | 7.4300e-003   | 0.0203        |          | 192.6669        | 192.6669        | 0.0146        |     | 193.0314        |
| Worker       | 0.2697        | 0.2072        | 2.2227        | 4.7600e-003        | 0.4359        | 4.0500e-003   | 0.4400        | 0.1156         | 3.7400e-003   | 0.1194        |          | 473.4260        | 473.4260        | 0.0198        |     | 473.9206        |
| <b>Total</b> | <b>0.3077</b> | <b>1.1230</b> | <b>2.5073</b> | <b>6.5700e-003</b> | <b>0.4807</b> | <b>0.0118</b> | <b>0.4926</b> | <b>0.1285</b>  | <b>0.0112</b> | <b>0.1397</b> |          | <b>666.0929</b> | <b>666.0929</b> | <b>0.0344</b> |     | <b>666.9520</b> |

**3.5 Building Construction - 2018**

**Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 1.0848        | 11.0316        | 7.7512        | 0.0114        |               | 0.7087        | 0.7087        |                | 0.6520        | 0.6520        |          | 1,146.5323        | 1,146.5323        | 0.3569        |     | 1,155.4555        |
| <b>Total</b> | <b>1.0848</b> | <b>11.0316</b> | <b>7.7512</b> | <b>0.0114</b> |               | <b>0.7087</b> | <b>0.7087</b> |                | <b>0.6520</b> | <b>0.6520</b> |          | <b>1,146.5323</b> | <b>1,146.5323</b> | <b>0.3569</b> |     | <b>1,155.4555</b> |

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**3.5 Building Construction - 2018**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |               |               |                |                    |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000        |     | 0.0000          |
| Vendor       | 0.0336        | 0.8599        | 0.2578        | 1.8000e-003        | 0.0448        | 6.1400e-003   | 0.0510        | 0.0129         | 5.8800e-003        | 0.0188        |          | 191.9049        | 191.9049        | 0.0139        |     | 192.2511        |
| Worker       | 0.2385        | 0.1801        | 1.9394        | 4.6300e-003        | 0.4359        | 3.8900e-003   | 0.4398        | 0.1156         | 3.5800e-003        | 0.1192        |          | 460.4246        | 460.4246        | 0.0173        |     | 460.8578        |
| <b>Total</b> | <b>0.2720</b> | <b>1.0399</b> | <b>2.1972</b> | <b>6.4300e-003</b> | <b>0.4807</b> | <b>0.0100</b> | <b>0.4908</b> | <b>0.1285</b>  | <b>9.4600e-003</b> | <b>0.1380</b> |          | <b>652.3295</b> | <b>652.3295</b> | <b>0.0312</b> |     | <b>653.1089</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0848        | 11.0316        | 7.7512        | 0.0114        |               | 0.7087        | 0.7087        |                | 0.6520        | 0.6520        | 0.0000        | 1,146.5323        | 1,146.5323        | 0.3569        |     | 1,155.4555        |
| <b>Total</b> | <b>1.0848</b> | <b>11.0316</b> | <b>7.7512</b> | <b>0.0114</b> |               | <b>0.7087</b> | <b>0.7087</b> |                | <b>0.6520</b> | <b>0.6520</b> | <b>0.0000</b> | <b>1,146.5323</b> | <b>1,146.5323</b> | <b>0.3569</b> |     | <b>1,155.4555</b> |

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**3.5 Building Construction - 2018**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |               |               |                |                    |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000        |     | 0.0000          |
| Vendor       | 0.0336        | 0.8599        | 0.2578        | 1.8000e-003        | 0.0448        | 6.1400e-003   | 0.0510        | 0.0129         | 5.8800e-003        | 0.0188        |          | 191.9049        | 191.9049        | 0.0139        |     | 192.2511        |
| Worker       | 0.2385        | 0.1801        | 1.9394        | 4.6300e-003        | 0.4359        | 3.8900e-003   | 0.4398        | 0.1156         | 3.5800e-003        | 0.1192        |          | 460.4246        | 460.4246        | 0.0173        |     | 460.8578        |
| <b>Total</b> | <b>0.2720</b> | <b>1.0399</b> | <b>2.1972</b> | <b>6.4300e-003</b> | <b>0.4807</b> | <b>0.0100</b> | <b>0.4908</b> | <b>0.1285</b>  | <b>9.4600e-003</b> | <b>0.1380</b> |          | <b>652.3295</b> | <b>652.3295</b> | <b>0.0312</b> |     | <b>653.1089</b> |

**3.6 Architectural Coating - 2017**

**Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Archit. Coating | 3.9843        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.3323        | 2.1850        | 1.8681        | 2.9700e-003        |               | 0.1733        | 0.1733        |                | 0.1733        | 0.1733        |          | 281.4481        | 281.4481        | 0.0297        |     | 282.1909        |
| <b>Total</b>    | <b>4.3166</b> | <b>2.1850</b> | <b>1.8681</b> | <b>2.9700e-003</b> |               | <b>0.1733</b> | <b>0.1733</b> |                | <b>0.1733</b> | <b>0.1733</b> |          | <b>281.4481</b> | <b>281.4481</b> | <b>0.0297</b> |     | <b>282.1909</b> |



West Hollywood - Los Angeles-South Coast County, Winter

**3.6 Architectural Coating - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                |                |                    |     |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Worker       | 0.0553        | 0.0425        | 0.4559        | 9.8000e-004        | 0.0894        | 8.3000e-004        | 0.0903        | 0.0237         | 7.7000e-004        | 0.0245        |          | 97.1130        | 97.1130        | 4.0600e-003        |     | 97.2145        |
| <b>Total</b> | <b>0.0553</b> | <b>0.0425</b> | <b>0.4559</b> | <b>9.8000e-004</b> | <b>0.0894</b> | <b>8.3000e-004</b> | <b>0.0903</b> | <b>0.0237</b>  | <b>7.7000e-004</b> | <b>0.0245</b> |          | <b>97.1130</b> | <b>97.1130</b> | <b>4.0600e-003</b> |     | <b>97.2145</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                 |
| Archit. Coating | 3.9843        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.3323        | 2.1850        | 1.8681        | 2.9700e-003        |               | 0.1733        | 0.1733        |                | 0.1733        | 0.1733        | 0.0000        | 281.4481        | 281.4481        | 0.0297        |     | 282.1909        |
| <b>Total</b>    | <b>4.3166</b> | <b>2.1850</b> | <b>1.8681</b> | <b>2.9700e-003</b> |               | <b>0.1733</b> | <b>0.1733</b> |                | <b>0.1733</b> | <b>0.1733</b> | <b>0.0000</b> | <b>281.4481</b> | <b>281.4481</b> | <b>0.0297</b> |     | <b>282.1909</b> |

West Hollywood - Los Angeles-South Coast County, Winter

**3.6 Architectural Coating - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                |                |                    |     |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Worker       | 0.0553        | 0.0425        | 0.4559        | 9.8000e-004        | 0.0894        | 8.3000e-004        | 0.0903        | 0.0237         | 7.7000e-004        | 0.0245        |          | 97.1130        | 97.1130        | 4.0600e-003        |     | 97.2145        |
| <b>Total</b> | <b>0.0553</b> | <b>0.0425</b> | <b>0.4559</b> | <b>9.8000e-004</b> | <b>0.0894</b> | <b>8.3000e-004</b> | <b>0.0903</b> | <b>0.0237</b>  | <b>7.7000e-004</b> | <b>0.0245</b> |          | <b>97.1130</b> | <b>97.1130</b> | <b>4.0600e-003</b> |     | <b>97.2145</b> |

**3.6 Architectural Coating - 2018**

**Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Archit. Coating | 3.9843        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2986        | 2.0058        | 1.8542        | 2.9700e-003        |               | 0.1506        | 0.1506        |                | 0.1506        | 0.1506        |          | 281.4485        | 281.4485        | 0.0267        |     | 282.1171        |
| <b>Total</b>    | <b>4.2829</b> | <b>2.0058</b> | <b>1.8542</b> | <b>2.9700e-003</b> |               | <b>0.1506</b> | <b>0.1506</b> |                | <b>0.1506</b> | <b>0.1506</b> |          | <b>281.4485</b> | <b>281.4485</b> | <b>0.0267</b> |     | <b>282.1171</b> |

West Hollywood - Los Angeles-South Coast County, Winter

**3.6 Architectural Coating - 2018**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                |                |                    |     |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Worker       | 0.0489        | 0.0369        | 0.3978        | 9.5000e-004        | 0.0894        | 8.0000e-004        | 0.0902        | 0.0237         | 7.4000e-004        | 0.0245        |          | 94.4461        | 94.4461        | 3.5500e-003        |     | 94.5349        |
| <b>Total</b> | <b>0.0489</b> | <b>0.0369</b> | <b>0.3978</b> | <b>9.5000e-004</b> | <b>0.0894</b> | <b>8.0000e-004</b> | <b>0.0902</b> | <b>0.0237</b>  | <b>7.4000e-004</b> | <b>0.0245</b> |          | <b>94.4461</b> | <b>94.4461</b> | <b>3.5500e-003</b> |     | <b>94.5349</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                 |
| Archit. Coating | 3.9843        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2986        | 2.0058        | 1.8542        | 2.9700e-003        |               | 0.1506        | 0.1506        |                | 0.1506        | 0.1506        | 0.0000        | 281.4485        | 281.4485        | 0.0267        |     | 282.1171        |
| <b>Total</b>    | <b>4.2829</b> | <b>2.0058</b> | <b>1.8542</b> | <b>2.9700e-003</b> |               | <b>0.1506</b> | <b>0.1506</b> |                | <b>0.1506</b> | <b>0.1506</b> | <b>0.0000</b> | <b>281.4485</b> | <b>281.4485</b> | <b>0.0267</b> |     | <b>282.1171</b> |

West Hollywood - Los Angeles-South Coast County, Winter

**3.6 Architectural Coating - 2018**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                |                |                    |     |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Worker       | 0.0489        | 0.0369        | 0.3978        | 9.5000e-004        | 0.0894        | 8.0000e-004        | 0.0902        | 0.0237         | 7.4000e-004        | 0.0245        |          | 94.4461        | 94.4461        | 3.5500e-003        |     | 94.5349        |
| <b>Total</b> | <b>0.0489</b> | <b>0.0369</b> | <b>0.3978</b> | <b>9.5000e-004</b> | <b>0.0894</b> | <b>8.0000e-004</b> | <b>0.0902</b> | <b>0.0237</b>  | <b>7.4000e-004</b> | <b>0.0245</b> |          | <b>94.4461</b> | <b>94.4461</b> | <b>3.5500e-003</b> |     | <b>94.5349</b> |

**3.7 Paving - 2018**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 0.9202        | 8.7447        | 7.2240        | 0.0113        |               | 0.5109        | 0.5109        |                | 0.4735        | 0.4735        |          | 1,070.1372        | 1,070.1372        | 0.3017        |     | 1,077.6798        |
| Paving       | 0.0000        |               |               |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.9202</b> | <b>8.7447</b> | <b>7.2240</b> | <b>0.0113</b> |               | <b>0.5109</b> | <b>0.5109</b> |                | <b>0.4735</b> | <b>0.4735</b> |          | <b>1,070.1372</b> | <b>1,070.1372</b> | <b>0.3017</b> |     | <b>1,077.6798</b> |

West Hollywood - Los Angeles-South Coast County, Winter

**3.7 Paving - 2018**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.1101        | 0.0831        | 0.8951        | 2.1400e-003        | 0.2012        | 1.7900e-003        | 0.2030        | 0.0534         | 1.6500e-003        | 0.0550        |          | 212.5037        | 212.5037        | 8.0000e-003        |     | 212.7036        |
| <b>Total</b> | <b>0.1101</b> | <b>0.0831</b> | <b>0.8951</b> | <b>2.1400e-003</b> | <b>0.2012</b> | <b>1.7900e-003</b> | <b>0.2030</b> | <b>0.0534</b>  | <b>1.6500e-003</b> | <b>0.0550</b> |          | <b>212.5037</b> | <b>212.5037</b> | <b>8.0000e-003</b> |     | <b>212.7036</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 0.9202        | 8.7447        | 7.2240        | 0.0113        |               | 0.5109        | 0.5109        |                | 0.4735        | 0.4735        | 0.0000        | 1,070.1372        | 1,070.1372        | 0.3017        |     | 1,077.6798        |
| Paving       | 0.0000        |               |               |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.9202</b> | <b>8.7447</b> | <b>7.2240</b> | <b>0.0113</b> |               | <b>0.5109</b> | <b>0.5109</b> |                | <b>0.4735</b> | <b>0.4735</b> | <b>0.0000</b> | <b>1,070.1372</b> | <b>1,070.1372</b> | <b>0.3017</b> |     | <b>1,077.6798</b> |

West Hollywood - Los Angeles-South Coast County, Winter

**3.7 Paving - 2018**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.1101        | 0.0831        | 0.8951        | 2.1400e-003        | 0.2012        | 1.7900e-003        | 0.2030        | 0.0534         | 1.6500e-003        | 0.0550        |          | 212.5037        | 212.5037        | 8.0000e-003        |     | 212.7036        |
| <b>Total</b> | <b>0.1101</b> | <b>0.0831</b> | <b>0.8951</b> | <b>2.1400e-003</b> | <b>0.2012</b> | <b>1.7900e-003</b> | <b>0.2030</b> | <b>0.0534</b>  | <b>1.6500e-003</b> | <b>0.0550</b> |          | <b>212.5037</b> | <b>212.5037</b> | <b>8.0000e-003</b> |     | <b>212.7036</b> |

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

West Hollywood - Los Angeles-South Coast County, Winter

|             | ROG    | NOx    | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O | CO2e       |
|-------------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|-----|------------|
| Category    | lb/day |        |        |        |               |              |            |                |               |             | lb/day   |            |            |        |     |            |
| Mitigated   | 0.2676 | 1.3139 | 3.5947 | 0.0110 | 0.8689        | 0.0131       | 0.8819     | 0.2326         | 0.0123        | 0.2448      |          | 1,113.5824 | 1,113.5824 | 0.0664 |     | 1,115.2435 |
| Unmitigated | 0.2676 | 1.3139 | 3.5947 | 0.0110 | 0.8689        | 0.0131       | 0.8819     | 0.2326         | 0.0123        | 0.2448      |          | 1,113.5824 | 1,113.5824 | 0.0664 |     | 1,115.2435 |

4.2 Trip Summary Information

| Land Use                          | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------------------|-------------------------|----------|--------|-------------|------------|
|                                   | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Congregate Care (Assisted Living) | 105.35                  | 107.80   | 119.56 | 368,130     | 368,130    |
| Enclosed Parking with Elevator    | 0.00                    | 0.00     | 0.00   |             |            |
| Total                             | 105.35                  | 107.80   | 119.56 | 368,130     | 368,130    |

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 |
| Congregate Care (Assisted Living) | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Enclosed Parking with Elevator    | 16.60      | 8.40       | 6.90        | 0.00       | 0.00       | 0.00        | 0              | 0        | 0       |

4.4 Fleet Mix

| Land Use                          | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Enclosed Parking with Elevator    | 0.548007 | 0.045751 | 0.200309 | 0.124119 | 0.017133 | 0.006025 | 0.018861 | 0.028423 | 0.002391 | 0.002469 | 0.004915 | 0.000672 | 0.000925 |
| Congregate Care (Assisted Living) | 0.548007 | 0.045751 | 0.200309 | 0.124119 | 0.017133 | 0.006025 | 0.018861 | 0.028423 | 0.002391 | 0.002469 | 0.004915 | 0.000672 | 0.000925 |

West Hollywood - Los Angeles-South Coast County, Winter

**5.0 Energy Detail**

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               | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |           |           |             |             |          |
| NaturalGas Mitigated   | 0.0162 | 0.1381 | 0.0588 | 8.8000e-004 |               | 0.0112       | 0.0112     |                | 0.0112        | 0.0112      |          | 176.2564  | 176.2564  | 3.3800e-003 | 3.2300e-003 | 177.3038 |
| NaturalGas Unmitigated | 0.0162 | 0.1381 | 0.0588 | 8.8000e-004 |               | 0.0112       | 0.0112     |                | 0.0112        | 0.0112      |          | 176.2564  | 176.2564  | 3.3800e-003 | 3.2300e-003 | 177.3038 |



West Hollywood - Los Angeles-South Coast County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

|                                   | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O                | CO2e            |
|-----------------------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Land Use                          | kBTU/yr        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |                    |                    |                 |
| Congregate Care (Assisted Living) | 1498.18        | 0.0162        | 0.1381        | 0.0588        | 8.8000e-004        |               | 0.0112        | 0.0112        |                | 0.0112        | 0.0112        |          | 176.2564        | 176.2564        | 3.3800e-003        | 3.2300e-003        | 177.3038        |
| Enclosed Parking with Elevator    | 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          |
| <b>Total</b>                      |                | <b>0.0162</b> | <b>0.1381</b> | <b>0.0588</b> | <b>8.8000e-004</b> |               | <b>0.0112</b> | <b>0.0112</b> |                | <b>0.0112</b> | <b>0.0112</b> |          | <b>176.2564</b> | <b>176.2564</b> | <b>3.3800e-003</b> | <b>3.2300e-003</b> | <b>177.3038</b> |

**Mitigated**

|                                   | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O                | CO2e            |
|-----------------------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Land Use                          | kBTU/yr        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |                    |                    |                 |
| Congregate Care (Assisted Living) | 1.49818        | 0.0162        | 0.1381        | 0.0588        | 8.8000e-004        |               | 0.0112        | 0.0112        |                | 0.0112        | 0.0112        |          | 176.2564        | 176.2564        | 3.3800e-003        | 3.2300e-003        | 177.3038        |
| Enclosed Parking with Elevator    | 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          |
| <b>Total</b>                      |                | <b>0.0162</b> | <b>0.1381</b> | <b>0.0588</b> | <b>8.8000e-004</b> |               | <b>0.0112</b> | <b>0.0112</b> |                | <b>0.0112</b> | <b>0.0112</b> |          | <b>176.2564</b> | <b>176.2564</b> | <b>3.3800e-003</b> | <b>3.2300e-003</b> | <b>177.3038</b> |

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Hollywood - Los Angeles-South Coast County, Winter

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed

|             | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e   |
|-------------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|--------|
| Category    | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |           |           |             |        |        |
| Mitigated   | 0.8043 | 0.0471 | 4.0652 | 2.1000e-004 |               | 0.0223       | 0.0223     |                | 0.0223        | 0.0223      | 0.0000   | 7.2845    | 7.2845    | 7.1600e-003 | 0.0000 | 7.4635 |
| Unmitigated | 0.8043 | 0.0471 | 4.0652 | 2.1000e-004 |               | 0.0223       | 0.0223     |                | 0.0223        | 0.0223      | 0.0000   | 7.2845    | 7.2845    | 7.1600e-003 | 0.0000 | 7.4635 |

West Hollywood - Los Angeles-South Coast County, Winter

**6.2 Area by SubCategory**

**Unmitigated**

|                       | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| SubCategory           | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day        |               |               |                    |               |               |
| Architectural Coating | 0.0546        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Consumer Products     | 0.6251        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.1246        | 0.0471        | 4.0652        | 2.1000e-004        |               | 0.0223        | 0.0223        |                | 0.0223        | 0.0223        |               | 7.2845        | 7.2845        | 7.1600e-003        |               | 7.4635        |
| <b>Total</b>          | <b>0.8043</b> | <b>0.0471</b> | <b>4.0652</b> | <b>2.1000e-004</b> |               | <b>0.0223</b> | <b>0.0223</b> |                | <b>0.0223</b> | <b>0.0223</b> | <b>0.0000</b> | <b>7.2845</b> | <b>7.2845</b> | <b>7.1600e-003</b> | <b>0.0000</b> | <b>7.4635</b> |

West Hollywood - Los Angeles-South Coast County, Winter

**6.2 Area by SubCategory**

Mitigated

|                       | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| SubCategory           | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day        |               |               |                    |               |               |
| Architectural Coating | 0.0546        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Consumer Products     | 0.6251        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.1246        | 0.0471        | 4.0652        | 2.1000e-004        |               | 0.0223        | 0.0223        |                | 0.0223        | 0.0223        |               | 7.2845        | 7.2845        | 7.1600e-003        |               | 7.4635        |
| <b>Total</b>          | <b>0.8043</b> | <b>0.0471</b> | <b>4.0652</b> | <b>2.1000e-004</b> |               | <b>0.0223</b> | <b>0.0223</b> |                | <b>0.0223</b> | <b>0.0223</b> | <b>0.0000</b> | <b>7.2845</b> | <b>7.2845</b> | <b>7.1600e-003</b> | <b>0.0000</b> | <b>7.4635</b> |

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

**10.0 Stationary Equipment**

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West Hollywood - Los Angeles-South Coast County, Winter

**Fire Pumps and Emergency Generators**

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

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**11.0 Vegetation**

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West Hollywood - Los Angeles-South Coast County, Summer

**West Hollywood**  
**Los Angeles-South Coast County, Summer**

**1.0 Project Characteristics**

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**1.1 Land Usage**

| Land Uses                         | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------------------|-------|---------------|-------------|--------------------|------------|
| Enclosed Parking with Elevator    | 25.00 | Space         | 0.00        | 10,000.00          | 0          |
| Congregate Care (Assisted Living) | 49.00 | Dwelling Unit | 0.44        | 31,393.00          | 77         |

**1.2 Other Project Characteristics**

|                                |                            |                                |       |                                  |       |
|--------------------------------|----------------------------|--------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>            | Urban                      | <b>Wind Speed (m/s)</b>        | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>            | 11                         |                                |       | <b>Operational Year</b>          | 2019  |
| <b>Utility Company</b>         | Southern California Edison |                                |       |                                  |       |
| <b>CO2 Intensity (lb/MWhr)</b> | 702.44                     | <b>CH4 Intensity (lb/MWhr)</b> | 0.029 | <b>N2O Intensity (lb/MWhr)</b>   | 0.006 |

**1.3 User Entered Comments & Non-Default Data**

West Hollywood - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Adjusted lot acreage and square feet to reflect actual values. Square feet = total indoor floor area. population changed to reflect estimates in report

Construction Phase - Adjusted architectural coating from beginning after construction to halfway through construction, which better reflects actual construction practices.

Demolition -

Grading - Estimated cut from the site provided by project Architect.

Architectural Coating - SCAQMD Rule 1113 sets a VOC limit of 50 g/L for non-flat coatings.

Woodstoves - SCAQMD Rule 445 prohibits wood-burning devices. Senior studio units are not expected to include fireplaces.

Area Coating - SCAQMD Rule 1113 limits VOC from non-flat coatings to 50 g/L.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 requires watering to reduce particulate matter emission during construction.

Area Mitigation -

Waste Mitigation -

Vehicle Trips - Used ITE trip rate for congregate care facility

| Table Name              | Column Name                     | Default Value | New Value |
|-------------------------|---------------------------------|---------------|-----------|
| tblArchitecturalCoating | EF_Nonresidential_Exterior      | 100.00        | 50.00     |
| tblArchitecturalCoating | EF_Nonresidential_Interior      | 100.00        | 50.00     |
| tblAreaCoating          | Area_EF_Nonresidential_Exterior | 100           | 50        |
| tblAreaCoating          | Area_EF_Nonresidential_Interior | 100           | 50        |
| tblAreaMitigation       | UseLowVOCPaintParkingCheck      | False         | True      |
| tblConstDustMitigation  | WaterUnpavedRoadVehicleSpeed    | 40            | 0         |
| tblConstructionPhase    | NumDays                         | 5.00          | 50.00     |
| tblConstructionPhase    | PhaseEndDate                    | 4/23/2018     | 2/14/2018 |
| tblConstructionPhase    | PhaseStartDate                  | 2/8/2018      | 12/7/2017 |
| tblFireplaces           | FireplaceDayYear                | 25.00         | 0.00      |
| tblFireplaces           | FireplaceHourDay                | 3.00          | 0.00      |
| tblFireplaces           | FireplaceWoodMass               | 1,019.20      | 0.00      |
| tblFireplaces           | NumberGas                       | 41.65         | 0.00      |

## West Hollywood - Los Angeles-South Coast County, Summer

|                           |                         |           |           |
|---------------------------|-------------------------|-----------|-----------|
| tblFireplaces             | NumberNoFireplace       | 4.90      | 49.00     |
| tblFireplaces             | NumberWood              | 2.45      | 0.00      |
| tblGrading                | MaterialExported        | 0.00      | 6,600.00  |
| tblLandUse                | BuildingSpaceSquareFeet | 49,000.00 | 31,393.00 |
| tblLandUse                | LandUseSquareFeet       | 49,000.00 | 31,393.00 |
| tblLandUse                | LotAcreage              | 0.22      | 0.00      |
| tblLandUse                | LotAcreage              | 3.06      | 0.44      |
| tblLandUse                | Population              | 140.00    | 77.00     |
| tblProjectCharacteristics | OperationalYear         | 2018      | 2019      |
| tblVehicleTrips           | WD_TR                   | 2.74      | 2.15      |
| tblWoodstoves             | NumberCatalytic         | 2.45      | 0.00      |
| tblWoodstoves             | NumberNoncatalytic      | 2.45      | 0.00      |
| tblWoodstoves             | WoodstoveDayYear        | 25.00     | 0.00      |
| tblWoodstoves             | WoodstoveWoodMass       | 999.60    | 0.00      |

## 2.0 Emissions Summary

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West Hollywood - Los Angeles-South Coast County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O                | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|--------------------|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |                    |                   |
| Area         | 0.8043        | 0.0471        | 4.0652        | 2.1000e-004   |               | 0.0223        | 0.0223        |                | 0.0223        | 0.0223        | 0.0000        | 7.2845            | 7.2845            | 7.1600e-003   | 0.0000             | 7.4635            |
| Energy       | 0.0162        | 0.1381        | 0.0588        | 8.8000e-004   |               | 0.0112        | 0.0112        |                | 0.0112        | 0.0112        |               | 176.2564          | 176.2564          | 3.3800e-003   | 3.2300e-003        | 177.3038          |
| Mobile       | 0.2744        | 1.2754        | 3.7796        | 0.0115        | 0.8689        | 0.0130        | 0.8818        | 0.2326         | 0.0122        | 0.2448        |               | 1,170.7738        | 1,170.7738        | 0.0669        |                    | 1,172.4456        |
| <b>Total</b> | <b>1.0949</b> | <b>1.4606</b> | <b>7.9035</b> | <b>0.0126</b> | <b>0.8689</b> | <b>0.0464</b> | <b>0.9153</b> | <b>0.2326</b>  | <b>0.0456</b> | <b>0.2782</b> | <b>0.0000</b> | <b>1,354.3148</b> | <b>1,354.3148</b> | <b>0.0774</b> | <b>3.2300e-003</b> | <b>1,357.2129</b> |

**Mitigated Operational**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O                | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|--------------------|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |                    |                   |
| Area         | 0.8043        | 0.0471        | 4.0652        | 2.1000e-004   |               | 0.0223        | 0.0223        |                | 0.0223        | 0.0223        | 0.0000        | 7.2845            | 7.2845            | 7.1600e-003   | 0.0000             | 7.4635            |
| Energy       | 0.0162        | 0.1381        | 0.0588        | 8.8000e-004   |               | 0.0112        | 0.0112        |                | 0.0112        | 0.0112        |               | 176.2564          | 176.2564          | 3.3800e-003   | 3.2300e-003        | 177.3038          |
| Mobile       | 0.2744        | 1.2754        | 3.7796        | 0.0115        | 0.8689        | 0.0130        | 0.8818        | 0.2326         | 0.0122        | 0.2448        |               | 1,170.7738        | 1,170.7738        | 0.0669        |                    | 1,172.4456        |
| <b>Total</b> | <b>1.0949</b> | <b>1.4606</b> | <b>7.9035</b> | <b>0.0126</b> | <b>0.8689</b> | <b>0.0464</b> | <b>0.9153</b> | <b>0.2326</b>  | <b>0.0456</b> | <b>0.2782</b> | <b>0.0000</b> | <b>1,354.3148</b> | <b>1,354.3148</b> | <b>0.0774</b> | <b>3.2300e-003</b> | <b>1,357.2129</b> |

West Hollywood - Los Angeles-South Coast County, Summer

|                   | ROG  | NOx  | CO   | SO2  | 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 |

### 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            | 8/28/2017  | 9/8/2017  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 9/9/2017   | 9/11/2017 | 5             | 1        |                   |
| 3            | Grading               | Grading               | 9/12/2017  | 9/13/2017 | 5             | 2        |                   |
| 4            | Building Construction | Building Construction | 9/14/2017  | 1/31/2018 | 5             | 100      |                   |
| 5            | Architectural Coating | Architectural Coating | 12/7/2017  | 2/14/2018 | 5             | 50       |                   |
| 6            | Paving                | Paving                | 2/1/2018   | 2/7/2018  | 5             | 5        |                   |

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 63,571; Residential Outdoor: 21,190; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 600 (Architectural Coating – sqft)

#### OffRoad Equipment

West Hollywood - Los Angeles-South Coast County, Summer

| Phase Name            | Offroad Equipment Type    | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition            | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Demolition            | Rubber Tired Dozers       | 1      | 1.00        | 247         | 0.40        |
| Demolition            | Tractors/Loaders/Backhoes | 2      | 6.00        | 97          | 0.37        |
| Site Preparation      | Graders                   | 1      | 8.00        | 187         | 0.41        |
| Site Preparation      | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Grading               | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Grading               | Rubber Tired Dozers       | 1      | 1.00        | 247         | 0.40        |
| Grading               | Tractors/Loaders/Backhoes | 2      | 6.00        | 97          | 0.37        |
| Building Construction | Cranes                    | 1      | 4.00        | 231         | 0.29        |
| Building Construction | Forklifts                 | 2      | 6.00        | 89          | 0.20        |
| Building Construction | Tractors/Loaders/Backhoes | 2      | 8.00        | 97          | 0.37        |
| Architectural Coating | Air Compressors           | 1      | 6.00        | 78          | 0.48        |
| Paving                | Cement and Mortar Mixers  | 4      | 6.00        | 9           | 0.56        |
| Paving                | Pavers                    | 1      | 7.00        | 130         | 0.42        |
| Paving                | Rollers                   | 1      | 7.00        | 80          | 0.38        |
| Paving                | Tractors/Loaders/Backhoes | 1      | 7.00        | 97          | 0.37        |

**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            | 4                       | 10.00              | 0.00               | 14.00               | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 2                       | 5.00               | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 4                       | 10.00              | 0.00               | 825.00              | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 5                       | 39.00              | 7.00               | 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                  |
| Paving                | 7                       | 18.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

West Hollywood - Los Angeles-South Coast County, Summer

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 2017**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |               |               | 0.3117        | 0.0000        | 0.3117        | 0.0472         | 0.0000        | 0.0472        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2100        | 10.4978        | 7.9182        | 0.0120        |               | 0.7318        | 0.7318        |                | 0.6978        | 0.6978        |          | 1,179.3075        | 1,179.3075        | 0.2319        |     | 1,185.1047        |
| <b>Total</b>  | <b>1.2100</b> | <b>10.4978</b> | <b>7.9182</b> | <b>0.0120</b> | <b>0.3117</b> | <b>0.7318</b> | <b>1.0434</b> | <b>0.0472</b>  | <b>0.6978</b> | <b>0.7449</b> |          | <b>1,179.3075</b> | <b>1,179.3075</b> | <b>0.2319</b> |     | <b>1,185.1047</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0158        | 0.4866        | 0.0994        | 1.1500e-003        | 0.0245        | 2.5700e-003        | 0.0271        | 6.7100e-003    | 2.4600e-003        | 9.1700e-003   |          | 123.5977        | 123.5977        | 8.6400e-003   |     | 123.8136        |
| 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       | 0.0625        | 0.0480        | 0.6156        | 1.3000e-003        | 0.1118        | 1.0400e-003        | 0.1128        | 0.0296         | 9.6000e-004        | 0.0306        |          | 128.8918        | 128.8918        | 5.3500e-003   |     | 129.0255        |
| <b>Total</b> | <b>0.0783</b> | <b>0.5346</b> | <b>0.7150</b> | <b>2.4500e-003</b> | <b>0.1363</b> | <b>3.6100e-003</b> | <b>0.1399</b> | <b>0.0364</b>  | <b>3.4200e-003</b> | <b>0.0398</b> |          | <b>252.4895</b> | <b>252.4895</b> | <b>0.0140</b> |     | <b>252.8391</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |               |               | 0.1402        | 0.0000        | 0.1402        | 0.0212         | 0.0000        | 0.0212        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2100        | 10.4978        | 7.9182        | 0.0120        |               | 0.7318        | 0.7318        |                | 0.6978        | 0.6978        | 0.0000        | 1,179.3075        | 1,179.3075        | 0.2319        |     | 1,185.1047        |
| <b>Total</b>  | <b>1.2100</b> | <b>10.4978</b> | <b>7.9182</b> | <b>0.0120</b> | <b>0.1402</b> | <b>0.7318</b> | <b>0.8720</b> | <b>0.0212</b>  | <b>0.6978</b> | <b>0.7190</b> | <b>0.0000</b> | <b>1,179.3075</b> | <b>1,179.3075</b> | <b>0.2319</b> |     | <b>1,185.1047</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0158        | 0.4866        | 0.0994        | 1.1500e-003        | 0.0245        | 2.5700e-003        | 0.0271        | 6.7100e-003    | 2.4600e-003        | 9.1700e-003   |          | 123.5977        | 123.5977        | 8.6400e-003   |     | 123.8136        |
| 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       | 0.0625        | 0.0480        | 0.6156        | 1.3000e-003        | 0.1118        | 1.0400e-003        | 0.1128        | 0.0296         | 9.6000e-004        | 0.0306        |          | 128.8918        | 128.8918        | 5.3500e-003   |     | 129.0255        |
| <b>Total</b> | <b>0.0783</b> | <b>0.5346</b> | <b>0.7150</b> | <b>2.4500e-003</b> | <b>0.1363</b> | <b>3.6100e-003</b> | <b>0.1399</b> | <b>0.0364</b>  | <b>3.4200e-003</b> | <b>0.0398</b> |          | <b>252.4895</b> | <b>252.4895</b> | <b>0.0140</b> |     | <b>252.8391</b> |

**3.3 Site Preparation - 2017**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                   |
| Fugitive Dust |               |                |               |                    | 0.5303        | 0.0000        | 0.5303        | 0.0573         | 0.0000        | 0.0573        |          |                 | 0.0000          |               |     | 0.0000            |
| Off-Road      | 0.8524        | 10.5148        | 4.3533        | 9.7700e-003        |               | 0.4726        | 0.4726        |                | 0.4347        | 0.4347        |          | 999.5201        | 999.5201        | 0.3063        |     | 1,007.1764        |
| <b>Total</b>  | <b>0.8524</b> | <b>10.5148</b> | <b>4.3533</b> | <b>9.7700e-003</b> | <b>0.5303</b> | <b>0.4726</b> | <b>1.0028</b> | <b>0.0573</b>  | <b>0.4347</b> | <b>0.4920</b> |          | <b>999.5201</b> | <b>999.5201</b> | <b>0.3063</b> |     | <b>1,007.1764</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                |                |                    |     |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Worker       | 0.0313        | 0.0240        | 0.3078        | 6.5000e-004        | 0.0559        | 5.2000e-004        | 0.0564        | 0.0148         | 4.8000e-004        | 0.0153        |          | 64.4459        | 64.4459        | 2.6800e-003        |     | 64.5128        |
| <b>Total</b> | <b>0.0313</b> | <b>0.0240</b> | <b>0.3078</b> | <b>6.5000e-004</b> | <b>0.0559</b> | <b>5.2000e-004</b> | <b>0.0564</b> | <b>0.0148</b>  | <b>4.8000e-004</b> | <b>0.0153</b> |          | <b>64.4459</b> | <b>64.4459</b> | <b>2.6800e-003</b> |     | <b>64.5128</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                   |
| Fugitive Dust |               |                |               |                    | 0.2386        | 0.0000        | 0.2386        | 0.0258         | 0.0000        | 0.0258        |               |                 | 0.0000          |               |     | 0.0000            |
| Off-Road      | 0.8524        | 10.5148        | 4.3533        | 9.7700e-003        |               | 0.4726        | 0.4726        |                | 0.4347        | 0.4347        | 0.0000        | 999.5201        | 999.5201        | 0.3063        |     | 1,007.1764        |
| <b>Total</b>  | <b>0.8524</b> | <b>10.5148</b> | <b>4.3533</b> | <b>9.7700e-003</b> | <b>0.2386</b> | <b>0.4726</b> | <b>0.7112</b> | <b>0.0258</b>  | <b>0.4347</b> | <b>0.4605</b> | <b>0.0000</b> | <b>999.5201</b> | <b>999.5201</b> | <b>0.3063</b> |     | <b>1,007.1764</b> |



West Hollywood - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                |                |                    |     |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000         | 0.0000         | 0.0000             |     | 0.0000         |
| Worker       | 0.0313        | 0.0240        | 0.3078        | 6.5000e-004        | 0.0559        | 5.2000e-004        | 0.0564        | 0.0148         | 4.8000e-004        | 0.0153        |          | 64.4459        | 64.4459        | 2.6800e-003        |     | 64.5128        |
| <b>Total</b> | <b>0.0313</b> | <b>0.0240</b> | <b>0.3078</b> | <b>6.5000e-004</b> | <b>0.0559</b> | <b>5.2000e-004</b> | <b>0.0564</b> | <b>0.0148</b>  | <b>4.8000e-004</b> | <b>0.0153</b> |          | <b>64.4459</b> | <b>64.4459</b> | <b>2.6800e-003</b> |     | <b>64.5128</b> |

**3.4 Grading - 2017**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |               |               | 1.1260        | 0.0000        | 1.1260        | 0.4703         | 0.0000        | 0.4703        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2100        | 10.4978        | 7.9182        | 0.0120        |               | 0.7318        | 0.7318        |                | 0.6978        | 0.6978        |          | 1,179.3075        | 1,179.3075        | 0.2319        |     | 1,185.1047        |
| <b>Total</b>  | <b>1.2100</b> | <b>10.4978</b> | <b>7.9182</b> | <b>0.0120</b> | <b>1.1260</b> | <b>0.7318</b> | <b>1.8577</b> | <b>0.4703</b>  | <b>0.6978</b> | <b>1.1680</b> |          | <b>1,179.3075</b> | <b>1,179.3075</b> | <b>0.2319</b> |     | <b>1,185.1047</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.4 Grading - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx             | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2               | Total CO2               | CH4           | N2O | CO2e                    |
|--------------|---------------|-----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------------|-------------------------|---------------|-----|-------------------------|
| Category     | lb/day        |                 |                |               |               |               |               |                |               |               | lb/day   |                         |                         |               |     |                         |
| Hauling      | 4.6565        | 143.3862        | 29.2835        | 0.3377        | 7.2115        | 0.7573        | 7.9688        | 1.9767         | 0.7246        | 2.7013        |          | 36,417.18<br>13         | 36,417.18<br>13         | 2.5443        |     | 36,480.78<br>82         |
| 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       | 0.0625        | 0.0480          | 0.6156         | 1.3000e-003   | 0.1118        | 1.0400e-003   | 0.1128        | 0.0296         | 9.6000e-004   | 0.0306        |          | 128.8918                | 128.8918                | 5.3500e-003   |     | 129.0255                |
| <b>Total</b> | <b>4.7191</b> | <b>143.4341</b> | <b>29.8991</b> | <b>0.3390</b> | <b>7.3233</b> | <b>0.7584</b> | <b>8.0817</b> | <b>2.0064</b>  | <b>0.7255</b> | <b>2.7319</b> |          | <b>36,546.07<br/>30</b> | <b>36,546.07<br/>30</b> | <b>2.5496</b> |     | <b>36,609.81<br/>37</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |                |               |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Fugitive Dust |               |                |               |               | 0.5067        | 0.0000        | 0.5067        | 0.2116         | 0.0000        | 0.2116        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 1.2100        | 10.4978        | 7.9182        | 0.0120        |               | 0.7318        | 0.7318        |                | 0.6978        | 0.6978        | 0.0000        | 1,179.307<br>5         | 1,179.307<br>5         | 0.2319        |     | 1,185.104<br>7         |
| <b>Total</b>  | <b>1.2100</b> | <b>10.4978</b> | <b>7.9182</b> | <b>0.0120</b> | <b>0.5067</b> | <b>0.7318</b> | <b>1.2385</b> | <b>0.2116</b>  | <b>0.6978</b> | <b>0.9094</b> | <b>0.0000</b> | <b>1,179.307<br/>5</b> | <b>1,179.307<br/>5</b> | <b>0.2319</b> |     | <b>1,185.104<br/>7</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.4 Grading - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx             | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2               | Total CO2               | CH4           | N2O | CO2e                    |
|--------------|---------------|-----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------------|-------------------------|---------------|-----|-------------------------|
| Category     | lb/day        |                 |                |               |               |               |               |                |               |               | lb/day   |                         |                         |               |     |                         |
| Hauling      | 4.6565        | 143.3862        | 29.2835        | 0.3377        | 7.2115        | 0.7573        | 7.9688        | 1.9767         | 0.7246        | 2.7013        |          | 36,417.18<br>13         | 36,417.18<br>13         | 2.5443        |     | 36,480.78<br>82         |
| 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       | 0.0625        | 0.0480          | 0.6156         | 1.3000e-003   | 0.1118        | 1.0400e-003   | 0.1128        | 0.0296         | 9.6000e-004   | 0.0306        |          | 128.8918                | 128.8918                | 5.3500e-003   |     | 129.0255                |
| <b>Total</b> | <b>4.7191</b> | <b>143.4341</b> | <b>29.8991</b> | <b>0.3390</b> | <b>7.3233</b> | <b>0.7584</b> | <b>8.0817</b> | <b>2.0064</b>  | <b>0.7255</b> | <b>2.7319</b> |          | <b>36,546.07<br/>30</b> | <b>36,546.07<br/>30</b> | <b>2.5496</b> |     | <b>36,609.81<br/>37</b> |

**3.5 Building Construction - 2017**

**Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 1.2812        | 12.7589        | 8.0700        | 0.0114        |               | 0.8591        | 0.8591        |                | 0.7904        | 0.7904        |          | 1,165.916<br>4         | 1,165.916<br>4         | 0.3572        |     | 1,174.847<br>3         |
| <b>Total</b> | <b>1.2812</b> | <b>12.7589</b> | <b>8.0700</b> | <b>0.0114</b> |               | <b>0.8591</b> | <b>0.8591</b> |                | <b>0.7904</b> | <b>0.7904</b> |          | <b>1,165.916<br/>4</b> | <b>1,165.916<br/>4</b> | <b>0.3572</b> |     | <b>1,174.847<br/>3</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000          | 0.0000          | 0.0000        |     | 0.0000          |
| Vendor       | 0.0365        | 0.9127        | 0.2597        | 1.8600e-003        | 0.0448        | 7.6400e-003   | 0.0525        | 0.0129         | 7.3100e-003   | 0.0202        |          | 197.8151        | 197.8151        | 0.0137        |     | 198.1570        |
| Worker       | 0.2439        | 0.1871        | 2.4009        | 5.0600e-003        | 0.4359        | 4.0500e-003   | 0.4400        | 0.1156         | 3.7400e-003   | 0.1194        |          | 502.6779        | 502.6779        | 0.0209        |     | 503.1996        |
| <b>Total</b> | <b>0.2804</b> | <b>1.0998</b> | <b>2.6605</b> | <b>6.9200e-003</b> | <b>0.4807</b> | <b>0.0117</b> | <b>0.4924</b> | <b>0.1285</b>  | <b>0.0111</b> | <b>0.1396</b> |          | <b>700.4929</b> | <b>700.4929</b> | <b>0.0346</b> |     | <b>701.3566</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.2812        | 12.7589        | 8.0700        | 0.0114        |               | 0.8591        | 0.8591        |                | 0.7904        | 0.7904        | 0.0000        | 1,165.9164        | 1,165.9164        | 0.3572        |     | 1,174.8473        |
| <b>Total</b> | <b>1.2812</b> | <b>12.7589</b> | <b>8.0700</b> | <b>0.0114</b> |               | <b>0.8591</b> | <b>0.8591</b> |                | <b>0.7904</b> | <b>0.7904</b> | <b>0.0000</b> | <b>1,165.9164</b> | <b>1,165.9164</b> | <b>0.3572</b> |     | <b>1,174.8473</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000          | 0.0000          | 0.0000        |     | 0.0000          |
| Vendor       | 0.0365        | 0.9127        | 0.2597        | 1.8600e-003        | 0.0448        | 7.6400e-003   | 0.0525        | 0.0129         | 7.3100e-003   | 0.0202        |          | 197.8151        | 197.8151        | 0.0137        |     | 198.1570        |
| Worker       | 0.2439        | 0.1871        | 2.4009        | 5.0600e-003        | 0.4359        | 4.0500e-003   | 0.4400        | 0.1156         | 3.7400e-003   | 0.1194        |          | 502.6779        | 502.6779        | 0.0209        |     | 503.1996        |
| <b>Total</b> | <b>0.2804</b> | <b>1.0998</b> | <b>2.6605</b> | <b>6.9200e-003</b> | <b>0.4807</b> | <b>0.0117</b> | <b>0.4924</b> | <b>0.1285</b>  | <b>0.0111</b> | <b>0.1396</b> |          | <b>700.4929</b> | <b>700.4929</b> | <b>0.0346</b> |     | <b>701.3566</b> |

**3.5 Building Construction - 2018**

**Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 1.0848        | 11.0316        | 7.7512        | 0.0114        |               | 0.7087        | 0.7087        |                | 0.6520        | 0.6520        |          | 1,146.5323        | 1,146.5323        | 0.3569        |     | 1,155.4555        |
| <b>Total</b> | <b>1.0848</b> | <b>11.0316</b> | <b>7.7512</b> | <b>0.0114</b> |               | <b>0.7087</b> | <b>0.7087</b> |                | <b>0.6520</b> | <b>0.6520</b> |          | <b>1,146.5323</b> | <b>1,146.5323</b> | <b>0.3569</b> |     | <b>1,155.4555</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2018**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000        |     | 0.0000          |
| Vendor       | 0.0322        | 0.8579        | 0.2346        | 1.8500e-003        | 0.0448        | 6.0500e-003        | 0.0509        | 0.0129         | 5.7800e-003        | 0.0187        |          | 197.1756        | 197.1756        | 0.0130        |     | 197.5002        |
| Worker       | 0.2155        | 0.1626        | 2.1063        | 4.9200e-003        | 0.4359        | 3.8900e-003        | 0.4398        | 0.1156         | 3.5800e-003        | 0.1192        |          | 488.9390        | 488.9390        | 0.0183        |     | 489.3975        |
| <b>Total</b> | <b>0.2477</b> | <b>1.0205</b> | <b>2.3409</b> | <b>6.7700e-003</b> | <b>0.4807</b> | <b>9.9400e-003</b> | <b>0.4907</b> | <b>0.1285</b>  | <b>9.3600e-003</b> | <b>0.1379</b> |          | <b>686.1146</b> | <b>686.1146</b> | <b>0.0313</b> |     | <b>686.8977</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0848        | 11.0316        | 7.7512        | 0.0114        |               | 0.7087        | 0.7087        |                | 0.6520        | 0.6520        | 0.0000        | 1,146.5323        | 1,146.5323        | 0.3569        |     | 1,155.4555        |
| <b>Total</b> | <b>1.0848</b> | <b>11.0316</b> | <b>7.7512</b> | <b>0.0114</b> |               | <b>0.7087</b> | <b>0.7087</b> |                | <b>0.6520</b> | <b>0.6520</b> | <b>0.0000</b> | <b>1,146.5323</b> | <b>1,146.5323</b> | <b>0.3569</b> |     | <b>1,155.4555</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2018**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |               |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000        |     | 0.0000          |
| Vendor       | 0.0322        | 0.8579        | 0.2346        | 1.8500e-003        | 0.0448        | 6.0500e-003        | 0.0509        | 0.0129         | 5.7800e-003        | 0.0187        |          | 197.1756        | 197.1756        | 0.0130        |     | 197.5002        |
| Worker       | 0.2155        | 0.1626        | 2.1063        | 4.9200e-003        | 0.4359        | 3.8900e-003        | 0.4398        | 0.1156         | 3.5800e-003        | 0.1192        |          | 488.9390        | 488.9390        | 0.0183        |     | 489.3975        |
| <b>Total</b> | <b>0.2477</b> | <b>1.0205</b> | <b>2.3409</b> | <b>6.7700e-003</b> | <b>0.4807</b> | <b>9.9400e-003</b> | <b>0.4907</b> | <b>0.1285</b>  | <b>9.3600e-003</b> | <b>0.1379</b> |          | <b>686.1146</b> | <b>686.1146</b> | <b>0.0313</b> |     | <b>686.8977</b> |

**3.6 Architectural Coating - 2017**

**Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Archit. Coating | 3.9843        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.3323        | 2.1850        | 1.8681        | 2.9700e-003        |               | 0.1733        | 0.1733        |                | 0.1733        | 0.1733        |          | 281.4481        | 281.4481        | 0.0297        |     | 282.1909        |
| <b>Total</b>    | <b>4.3166</b> | <b>2.1850</b> | <b>1.8681</b> | <b>2.9700e-003</b> |               | <b>0.1733</b> | <b>0.1733</b> |                | <b>0.1733</b> | <b>0.1733</b> |          | <b>281.4481</b> | <b>281.4481</b> | <b>0.0297</b> |     | <b>282.1909</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.6 Architectural Coating - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0500        | 0.0384        | 0.4925        | 1.0400e-003        | 0.0894        | 8.3000e-004        | 0.0903        | 0.0237         | 7.7000e-004        | 0.0245        |          | 103.1134        | 103.1134        | 4.2800e-003        |     | 103.2204        |
| <b>Total</b> | <b>0.0500</b> | <b>0.0384</b> | <b>0.4925</b> | <b>1.0400e-003</b> | <b>0.0894</b> | <b>8.3000e-004</b> | <b>0.0903</b> | <b>0.0237</b>  | <b>7.7000e-004</b> | <b>0.0245</b> |          | <b>103.1134</b> | <b>103.1134</b> | <b>4.2800e-003</b> |     | <b>103.2204</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                 |
| Archit. Coating | 3.9843        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.3323        | 2.1850        | 1.8681        | 2.9700e-003        |               | 0.1733        | 0.1733        |                | 0.1733        | 0.1733        | 0.0000        | 281.4481        | 281.4481        | 0.0297        |     | 282.1909        |
| <b>Total</b>    | <b>4.3166</b> | <b>2.1850</b> | <b>1.8681</b> | <b>2.9700e-003</b> |               | <b>0.1733</b> | <b>0.1733</b> |                | <b>0.1733</b> | <b>0.1733</b> | <b>0.0000</b> | <b>281.4481</b> | <b>281.4481</b> | <b>0.0297</b> |     | <b>282.1909</b> |



West Hollywood - Los Angeles-South Coast County, Summer

**3.6 Architectural Coating - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0500        | 0.0384        | 0.4925        | 1.0400e-003        | 0.0894        | 8.3000e-004        | 0.0903        | 0.0237         | 7.7000e-004        | 0.0245        |          | 103.1134        | 103.1134        | 4.2800e-003        |     | 103.2204        |
| <b>Total</b> | <b>0.0500</b> | <b>0.0384</b> | <b>0.4925</b> | <b>1.0400e-003</b> | <b>0.0894</b> | <b>8.3000e-004</b> | <b>0.0903</b> | <b>0.0237</b>  | <b>7.7000e-004</b> | <b>0.0245</b> |          | <b>103.1134</b> | <b>103.1134</b> | <b>4.2800e-003</b> |     | <b>103.2204</b> |

**3.6 Architectural Coating - 2018**

**Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Archit. Coating | 3.9843        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2986        | 2.0058        | 1.8542        | 2.9700e-003        |               | 0.1506        | 0.1506        |                | 0.1506        | 0.1506        |          | 281.4485        | 281.4485        | 0.0267        |     | 282.1171        |
| <b>Total</b>    | <b>4.2829</b> | <b>2.0058</b> | <b>1.8542</b> | <b>2.9700e-003</b> |               | <b>0.1506</b> | <b>0.1506</b> |                | <b>0.1506</b> | <b>0.1506</b> |          | <b>281.4485</b> | <b>281.4485</b> | <b>0.0267</b> |     | <b>282.1171</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.6 Architectural Coating - 2018**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0442        | 0.0334        | 0.4321        | 1.0100e-003        | 0.0894        | 8.0000e-004        | 0.0902        | 0.0237         | 7.4000e-004        | 0.0245        |          | 100.2952        | 100.2952        | 3.7600e-003        |     | 100.3892        |
| <b>Total</b> | <b>0.0442</b> | <b>0.0334</b> | <b>0.4321</b> | <b>1.0100e-003</b> | <b>0.0894</b> | <b>8.0000e-004</b> | <b>0.0902</b> | <b>0.0237</b>  | <b>7.4000e-004</b> | <b>0.0245</b> |          | <b>100.2952</b> | <b>100.2952</b> | <b>3.7600e-003</b> |     | <b>100.3892</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                 |
| Archit. Coating | 3.9843        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2986        | 2.0058        | 1.8542        | 2.9700e-003        |               | 0.1506        | 0.1506        |                | 0.1506        | 0.1506        | 0.0000        | 281.4485        | 281.4485        | 0.0267        |     | 282.1171        |
| <b>Total</b>    | <b>4.2829</b> | <b>2.0058</b> | <b>1.8542</b> | <b>2.9700e-003</b> |               | <b>0.1506</b> | <b>0.1506</b> |                | <b>0.1506</b> | <b>0.1506</b> | <b>0.0000</b> | <b>281.4485</b> | <b>281.4485</b> | <b>0.0267</b> |     | <b>282.1171</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.6 Architectural Coating - 2018**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0442        | 0.0334        | 0.4321        | 1.0100e-003        | 0.0894        | 8.0000e-004        | 0.0902        | 0.0237         | 7.4000e-004        | 0.0245        |          | 100.2952        | 100.2952        | 3.7600e-003        |     | 100.3892        |
| <b>Total</b> | <b>0.0442</b> | <b>0.0334</b> | <b>0.4321</b> | <b>1.0100e-003</b> | <b>0.0894</b> | <b>8.0000e-004</b> | <b>0.0902</b> | <b>0.0237</b>  | <b>7.4000e-004</b> | <b>0.0245</b> |          | <b>100.2952</b> | <b>100.2952</b> | <b>3.7600e-003</b> |     | <b>100.3892</b> |

**3.7 Paving - 2018**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 0.9202        | 8.7447        | 7.2240        | 0.0113        |               | 0.5109        | 0.5109        |                | 0.4735        | 0.4735        |          | 1,070.1372        | 1,070.1372        | 0.3017        |     | 1,077.6798        |
| Paving       | 0.0000        |               |               |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.9202</b> | <b>8.7447</b> | <b>7.2240</b> | <b>0.0113</b> |               | <b>0.5109</b> | <b>0.5109</b> |                | <b>0.4735</b> | <b>0.4735</b> |          | <b>1,070.1372</b> | <b>1,070.1372</b> | <b>0.3017</b> |     | <b>1,077.6798</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.7 Paving - 2018**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0995        | 0.0751        | 0.9721        | 2.2700e-003        | 0.2012        | 1.7900e-003        | 0.2030        | 0.0534         | 1.6500e-003        | 0.0550        |          | 225.6642        | 225.6642        | 8.4600e-003        |     | 225.8758        |
| <b>Total</b> | <b>0.0995</b> | <b>0.0751</b> | <b>0.9721</b> | <b>2.2700e-003</b> | <b>0.2012</b> | <b>1.7900e-003</b> | <b>0.2030</b> | <b>0.0534</b>  | <b>1.6500e-003</b> | <b>0.0550</b> |          | <b>225.6642</b> | <b>225.6642</b> | <b>8.4600e-003</b> |     | <b>225.8758</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 0.9202        | 8.7447        | 7.2240        | 0.0113        |               | 0.5109        | 0.5109        |                | 0.4735        | 0.4735        | 0.0000        | 1,070.1372        | 1,070.1372        | 0.3017        |     | 1,077.6798        |
| Paving       | 0.0000        |               |               |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.9202</b> | <b>8.7447</b> | <b>7.2240</b> | <b>0.0113</b> |               | <b>0.5109</b> | <b>0.5109</b> |                | <b>0.4735</b> | <b>0.4735</b> | <b>0.0000</b> | <b>1,070.1372</b> | <b>1,070.1372</b> | <b>0.3017</b> |     | <b>1,077.6798</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**3.7 Paving - 2018**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0995        | 0.0751        | 0.9721        | 2.2700e-003        | 0.2012        | 1.7900e-003        | 0.2030        | 0.0534         | 1.6500e-003        | 0.0550        |          | 225.6642        | 225.6642        | 8.4600e-003        |     | 225.8758        |
| <b>Total</b> | <b>0.0995</b> | <b>0.0751</b> | <b>0.9721</b> | <b>2.2700e-003</b> | <b>0.2012</b> | <b>1.7900e-003</b> | <b>0.2030</b> | <b>0.0534</b>  | <b>1.6500e-003</b> | <b>0.0550</b> |          | <b>225.6642</b> | <b>225.6642</b> | <b>8.4600e-003</b> |     | <b>225.8758</b> |

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

West Hollywood - Los Angeles-South Coast County, Summer

|             | ROG    | NOx    | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O | CO2e       |
|-------------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|-----|------------|
| Category    | lb/day |        |        |        |               |              |            |                |               |             | lb/day   |            |            |        |     |            |
| Mitigated   | 0.2744 | 1.2754 | 3.7796 | 0.0115 | 0.8689        | 0.0130       | 0.8818     | 0.2326         | 0.0122        | 0.2448      |          | 1,170.7738 | 1,170.7738 | 0.0669 |     | 1,172.4456 |
| Unmitigated | 0.2744 | 1.2754 | 3.7796 | 0.0115 | 0.8689        | 0.0130       | 0.8818     | 0.2326         | 0.0122        | 0.2448      |          | 1,170.7738 | 1,170.7738 | 0.0669 |     | 1,172.4456 |

4.2 Trip Summary Information

| Land Use                          | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------------------|-------------------------|----------|--------|-------------|------------|
|                                   | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Congregate Care (Assisted Living) | 105.35                  | 107.80   | 119.56 | 368,130     | 368,130    |
| Enclosed Parking with Elevator    | 0.00                    | 0.00     | 0.00   |             |            |
| Total                             | 105.35                  | 107.80   | 119.56 | 368,130     | 368,130    |

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 |
| Congregate Care (Assisted Living) | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Enclosed Parking with Elevator    | 16.60      | 8.40       | 6.90        | 0.00       | 0.00       | 0.00        | 0              | 0        | 0       |

4.4 Fleet Mix

| Land Use                          | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Enclosed Parking with Elevator    | 0.548007 | 0.045751 | 0.200309 | 0.124119 | 0.017133 | 0.006025 | 0.018861 | 0.028423 | 0.002391 | 0.002469 | 0.004915 | 0.000672 | 0.000925 |
| Congregate Care (Assisted Living) | 0.548007 | 0.045751 | 0.200309 | 0.124119 | 0.017133 | 0.006025 | 0.018861 | 0.028423 | 0.002391 | 0.002469 | 0.004915 | 0.000672 | 0.000925 |

West Hollywood - Los Angeles-South Coast County, Summer

**5.0 Energy Detail**

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Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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|                        | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O         | CO2e     |
|------------------------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|----------|
| Category               | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |           |           |             |             |          |
| NaturalGas Mitigated   | 0.0162 | 0.1381 | 0.0588 | 8.8000e-004 |               | 0.0112       | 0.0112     |                | 0.0112        | 0.0112      |          | 176.2564  | 176.2564  | 3.3800e-003 | 3.2300e-003 | 177.3038 |
| NaturalGas Unmitigated | 0.0162 | 0.1381 | 0.0588 | 8.8000e-004 |               | 0.0112       | 0.0112     |                | 0.0112        | 0.0112      |          | 176.2564  | 176.2564  | 3.3800e-003 | 3.2300e-003 | 177.3038 |

West Hollywood - Los Angeles-South Coast County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

|                                   | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O                | CO2e            |
|-----------------------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Land Use                          | kBTU/yr        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |                    |                    |                 |
| Congregate Care (Assisted Living) | 1498.18        | 0.0162        | 0.1381        | 0.0588        | 8.8000e-004        |               | 0.0112        | 0.0112        |                | 0.0112        | 0.0112        |          | 176.2564        | 176.2564        | 3.3800e-003        | 3.2300e-003        | 177.3038        |
| Enclosed Parking with Elevator    | 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          |
| <b>Total</b>                      |                | <b>0.0162</b> | <b>0.1381</b> | <b>0.0588</b> | <b>8.8000e-004</b> |               | <b>0.0112</b> | <b>0.0112</b> |                | <b>0.0112</b> | <b>0.0112</b> |          | <b>176.2564</b> | <b>176.2564</b> | <b>3.3800e-003</b> | <b>3.2300e-003</b> | <b>177.3038</b> |

**Mitigated**

|                                   | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O                | CO2e            |
|-----------------------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Land Use                          | kBTU/yr        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |                    |                    |                 |
| Congregate Care (Assisted Living) | 1.49818        | 0.0162        | 0.1381        | 0.0588        | 8.8000e-004        |               | 0.0112        | 0.0112        |                | 0.0112        | 0.0112        |          | 176.2564        | 176.2564        | 3.3800e-003        | 3.2300e-003        | 177.3038        |
| Enclosed Parking with Elevator    | 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          |
| <b>Total</b>                      |                | <b>0.0162</b> | <b>0.1381</b> | <b>0.0588</b> | <b>8.8000e-004</b> |               | <b>0.0112</b> | <b>0.0112</b> |                | <b>0.0112</b> | <b>0.0112</b> |          | <b>176.2564</b> | <b>176.2564</b> | <b>3.3800e-003</b> | <b>3.2300e-003</b> | <b>177.3038</b> |

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



West Hollywood - Los Angeles-South Coast County, Summer

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed

|             | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e   |
|-------------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|--------|
| Category    | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |           |           |             |        |        |
| Mitigated   | 0.8043 | 0.0471 | 4.0652 | 2.1000e-004 |               | 0.0223       | 0.0223     |                | 0.0223        | 0.0223      | 0.0000   | 7.2845    | 7.2845    | 7.1600e-003 | 0.0000 | 7.4635 |
| Unmitigated | 0.8043 | 0.0471 | 4.0652 | 2.1000e-004 |               | 0.0223       | 0.0223     |                | 0.0223        | 0.0223      | 0.0000   | 7.2845    | 7.2845    | 7.1600e-003 | 0.0000 | 7.4635 |

West Hollywood - Los Angeles-South Coast County, Summer

**6.2 Area by SubCategory**

**Unmitigated**

|                       | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| SubCategory           | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day        |               |               |                    |               |               |
| Architectural Coating | 0.0546        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Consumer Products     | 0.6251        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.1246        | 0.0471        | 4.0652        | 2.1000e-004        |               | 0.0223        | 0.0223        |                | 0.0223        | 0.0223        |               | 7.2845        | 7.2845        | 7.1600e-003        |               | 7.4635        |
| <b>Total</b>          | <b>0.8043</b> | <b>0.0471</b> | <b>4.0652</b> | <b>2.1000e-004</b> |               | <b>0.0223</b> | <b>0.0223</b> |                | <b>0.0223</b> | <b>0.0223</b> | <b>0.0000</b> | <b>7.2845</b> | <b>7.2845</b> | <b>7.1600e-003</b> | <b>0.0000</b> | <b>7.4635</b> |

West Hollywood - Los Angeles-South Coast County, Summer

**6.2 Area by SubCategory**

Mitigated

|                       | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| SubCategory           | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day        |               |               |                    |               |               |
| Architectural Coating | 0.0546        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Consumer Products     | 0.6251        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.1246        | 0.0471        | 4.0652        | 2.1000e-004        |               | 0.0223        | 0.0223        |                | 0.0223        | 0.0223        |               | 7.2845        | 7.2845        | 7.1600e-003        |               | 7.4635        |
| <b>Total</b>          | <b>0.8043</b> | <b>0.0471</b> | <b>4.0652</b> | <b>2.1000e-004</b> |               | <b>0.0223</b> | <b>0.0223</b> |                | <b>0.0223</b> | <b>0.0223</b> | <b>0.0000</b> | <b>7.2845</b> | <b>7.2845</b> | <b>7.1600e-003</b> | <b>0.0000</b> | <b>7.4635</b> |

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

**10.0 Stationary Equipment**

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West Hollywood - Los Angeles-South Coast County, Summer

**Fire Pumps and Emergency Generators**

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

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**11.0 Vegetation**

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West Hollywood - Los Angeles-South Coast County, Annual

**West Hollywood**  
**Los Angeles-South Coast County, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

| Land Uses                         | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------------------|-------|---------------|-------------|--------------------|------------|
| Enclosed Parking with Elevator    | 25.00 | Space         | 0.00        | 10,000.00          | 0          |
| Congregate Care (Assisted Living) | 49.00 | Dwelling Unit | 0.44        | 31,393.00          | 77         |

**1.2 Other Project Characteristics**

|                                |                            |                                |       |                                  |       |
|--------------------------------|----------------------------|--------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>            | Urban                      | <b>Wind Speed (m/s)</b>        | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>            | 11                         |                                |       | <b>Operational Year</b>          | 2019  |
| <b>Utility Company</b>         | Southern California Edison |                                |       |                                  |       |
| <b>CO2 Intensity (lb/MWhr)</b> | 702.44                     | <b>CH4 Intensity (lb/MWhr)</b> | 0.029 | <b>N2O Intensity (lb/MWhr)</b>   | 0.006 |

**1.3 User Entered Comments & Non-Default Data**

## West Hollywood - Los Angeles-South Coast County, Annual

## Project Characteristics -

Land Use - Adjusted lot acreage and square feet to reflect actual values. Square feet = total indoor floor area. population changed to reflect estimates in report

Construction Phase - Adjusted architectural coating from beginning after construction to halfway through construction, which better reflects actual construction practices.

## Demolition -

Grading - Estimated cut from the site provided by project Architect.

Architectural Coating - SCAQMD Rule 1113 sets a VOC limit of 50 g/L for non-flat coatings.

Woodstoves - SCAQMD Rule 445 prohibits wood-burning devices. Senior studio units are not expected to include fireplaces.

Area Coating - SCAQMD Rule 1113 limits VOC from non-flat coatings to 50 g/L.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 requires watering to reduce particulate matter emission during construction.

## Area Mitigation -

## Waste Mitigation -

Vehicle Trips - Used ITE trip rate for congregate care facility

| Table Name              | Column Name                     | Default Value | New Value |
|-------------------------|---------------------------------|---------------|-----------|
| tblArchitecturalCoating | EF_Nonresidential_Exterior      | 100.00        | 50.00     |
| tblArchitecturalCoating | EF_Nonresidential_Interior      | 100.00        | 50.00     |
| tblAreaCoating          | Area_EF_Nonresidential_Exterior | 100           | 50        |
| tblAreaCoating          | Area_EF_Nonresidential_Interior | 100           | 50        |
| tblAreaMitigation       | UseLowVOCPaintParkingCheck      | False         | True      |
| tblConstDustMitigation  | WaterUnpavedRoadVehicleSpeed    | 40            | 0         |
| tblConstructionPhase    | NumDays                         | 5.00          | 50.00     |
| tblConstructionPhase    | PhaseEndDate                    | 4/23/2018     | 2/14/2018 |
| tblConstructionPhase    | PhaseStartDate                  | 2/8/2018      | 12/7/2017 |
| tblFireplaces           | FireplaceDayYear                | 25.00         | 0.00      |
| tblFireplaces           | FireplaceHourDay                | 3.00          | 0.00      |
| tblFireplaces           | FireplaceWoodMass               | 1,019.20      | 0.00      |
| tblFireplaces           | NumberGas                       | 41.65         | 0.00      |

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|                           |                         |           |           |
|---------------------------|-------------------------|-----------|-----------|
| tblFireplaces             | NumberNoFireplace       | 4.90      | 49.00     |
| tblFireplaces             | NumberWood              | 2.45      | 0.00      |
| tblGrading                | MaterialExported        | 0.00      | 6,600.00  |
| tblLandUse                | BuildingSpaceSquareFeet | 49,000.00 | 31,393.00 |
| tblLandUse                | LandUseSquareFeet       | 49,000.00 | 31,393.00 |
| tblLandUse                | LotAcreage              | 0.22      | 0.00      |
| tblLandUse                | LotAcreage              | 3.06      | 0.44      |
| tblLandUse                | Population              | 140.00    | 77.00     |
| tblProjectCharacteristics | OperationalYear         | 2018      | 2019      |
| tblVehicleTrips           | WD_TR                   | 2.74      | 2.15      |
| tblWoodstoves             | NumberCatalytic         | 2.45      | 0.00      |
| tblWoodstoves             | NumberNoncatalytic      | 2.45      | 0.00      |
| tblWoodstoves             | WoodstoveDayYear        | 25.00     | 0.00      |
| tblWoodstoves             | WoodstoveWoodMass       | 999.60    | 0.00      |

## 2.0 Emissions Summary

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| Quarter | Start Date | End Date   | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|------------|--|--|
| 1       | 8-28-2017  | 11-27-2017 | 0.5933                                       | 0.5933                                     |
| 2       | 11-28-2017 | 2-27-2018  | 0.5225                                       | 0.5225                                     |
|         |            | Highest    | 0.5933                                       | 0.5933                                     |

**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         | 0.1396        | 5.8800e-003   | 0.5082        | 3.0000e-005        |               | 2.7800e-003        | 2.7800e-003   |                | 2.7800e-003        | 2.7800e-003   | 0.0000         | 0.8261          | 0.8261          | 8.1000e-004   | 0.0000             | 0.8464          |
| Energy       | 2.9500e-003   | 0.0252        | 0.0107        | 1.6000e-004        |               | 2.0400e-003        | 2.0400e-003   |                | 2.0400e-003        | 2.0400e-003   | 0.0000         | 116.4244        | 116.4244        | 4.1600e-003   | 1.2800e-003        | 116.9099        |
| Mobile       | 0.0429        | 0.2196        | 0.5979        | 1.8200e-003        | 0.1397        | 2.1300e-003        | 0.1419        | 0.0375         | 2.0000e-003        | 0.0395        | 0.0000         | 167.9872        | 167.9872        | 9.8600e-003   | 0.0000             | 168.2337        |
| Waste        |               |               |               |                    |               | 0.0000             | 0.0000        |                | 0.0000             | 0.0000        | 9.0757         | 0.0000          | 9.0757          | 0.5364        | 0.0000             | 22.4847         |
| Water        |               |               |               |                    |               | 0.0000             | 0.0000        |                | 0.0000             | 0.0000        | 1.0129         | 20.3698         | 21.3827         | 0.1049        | 2.6300e-003        | 24.7883         |
| <b>Total</b> | <b>0.1854</b> | <b>0.2507</b> | <b>1.1168</b> | <b>2.0100e-003</b> | <b>0.1397</b> | <b>6.9500e-003</b> | <b>0.1467</b> | <b>0.0375</b>  | <b>6.8200e-003</b> | <b>0.0443</b> | <b>10.0886</b> | <b>305.6074</b> | <b>315.6960</b> | <b>0.6561</b> | <b>3.9100e-003</b> | <b>333.2630</b> |

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**2.2 Overall Operational**

**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         | 0.1396        | 5.8800e-003   | 0.5082        | 3.0000e-005        |               | 2.7800e-003        | 2.7800e-003   |                | 2.7800e-003        | 2.7800e-003   | 0.0000         | 0.8261          | 0.8261          | 8.1000e-004   | 0.0000             | 0.8464          |
| Energy       | 2.9500e-003   | 0.0252        | 0.0107        | 1.6000e-004        |               | 2.0400e-003        | 2.0400e-003   |                | 2.0400e-003        | 2.0400e-003   | 0.0000         | 116.4244        | 116.4244        | 4.1600e-003   | 1.2800e-003        | 116.9099        |
| Mobile       | 0.0429        | 0.2196        | 0.5979        | 1.8200e-003        | 0.1397        | 2.1300e-003        | 0.1419        | 0.0375         | 2.0000e-003        | 0.0395        | 0.0000         | 167.9872        | 167.9872        | 9.8600e-003   | 0.0000             | 168.2337        |
| Waste        |               |               |               |                    |               | 0.0000             | 0.0000        |                | 0.0000             | 0.0000        | 9.0757         | 0.0000          | 9.0757          | 0.5364        | 0.0000             | 22.4847         |
| Water        |               |               |               |                    |               | 0.0000             | 0.0000        |                | 0.0000             | 0.0000        | 1.0129         | 20.3698         | 21.3827         | 0.1049        | 2.6300e-003        | 24.7883         |
| <b>Total</b> | <b>0.1854</b> | <b>0.2507</b> | <b>1.1168</b> | <b>2.0100e-003</b> | <b>0.1397</b> | <b>6.9500e-003</b> | <b>0.1467</b> | <b>0.0375</b>  | <b>6.8200e-003</b> | <b>0.0443</b> | <b>10.0886</b> | <b>305.6074</b> | <b>315.6960</b> | <b>0.6561</b> | <b>3.9100e-003</b> | <b>333.2630</b> |

|                   | ROG  | NOx  | CO   | SO2  | 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 |

**3.0 Construction Detail**

**Construction Phase**

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| Phase Number | Phase Name            | Phase Type            | Start Date | End Date  | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|-----------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 8/28/2017  | 9/8/2017  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 9/9/2017   | 9/11/2017 | 5             | 1        |                   |
| 3            | Grading               | Grading               | 9/12/2017  | 9/13/2017 | 5             | 2        |                   |
| 4            | Building Construction | Building Construction | 9/14/2017  | 1/31/2018 | 5             | 100      |                   |
| 5            | Architectural Coating | Architectural Coating | 12/7/2017  | 2/14/2018 | 5             | 50       |                   |
| 6            | Paving                | Paving                | 2/1/2018   | 2/7/2018  | 5             | 5        |                   |

**Acres of Grading (Site Preparation Phase): 0.5**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 0**

**Residential Indoor: 63,571; Residential Outdoor: 21,190; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 600 (Architectural Coating – sqft)**

**OffRoad Equipment**

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| Phase Name            | Offroad Equipment Type    | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition            | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Demolition            | Rubber Tired Dozers       | 1      | 1.00        | 247         | 0.40        |
| Demolition            | Tractors/Loaders/Backhoes | 2      | 6.00        | 97          | 0.37        |
| Site Preparation      | Graders                   | 1      | 8.00        | 187         | 0.41        |
| Site Preparation      | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Grading               | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Grading               | Rubber Tired Dozers       | 1      | 1.00        | 247         | 0.40        |
| Grading               | Tractors/Loaders/Backhoes | 2      | 6.00        | 97          | 0.37        |
| Building Construction | Cranes                    | 1      | 4.00        | 231         | 0.29        |
| Building Construction | Forklifts                 | 2      | 6.00        | 89          | 0.20        |
| Building Construction | Tractors/Loaders/Backhoes | 2      | 8.00        | 97          | 0.37        |
| Architectural Coating | Air Compressors           | 1      | 6.00        | 78          | 0.48        |
| Paving                | Cement and Mortar Mixers  | 4      | 6.00        | 9           | 0.56        |
| Paving                | Pavers                    | 1      | 7.00        | 130         | 0.42        |
| Paving                | Rollers                   | 1      | 7.00        | 80          | 0.38        |
| Paving                | Tractors/Loaders/Backhoes | 1      | 7.00        | 97          | 0.37        |

**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            | 4                       | 10.00              | 0.00               | 14.00               | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 2                       | 5.00               | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 4                       | 10.00              | 0.00               | 825.00              | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 5                       | 39.00              | 7.00               | 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                  |
| Paving                | 7                       | 18.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

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**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 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         |               |               |                    |               |               |
| Fugitive Dust |                    |               |               |                    | 1.5600e-003        | 0.0000             | 1.5600e-003        | 2.4000e-004        | 0.0000             | 2.4000e-004        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road      | 6.0500e-003        | 0.0525        | 0.0396        | 6.0000e-005        |                    | 3.6600e-003        | 3.6600e-003        |                    | 3.4900e-003        | 3.4900e-003        | 0.0000        | 5.3493        | 5.3493        | 1.0500e-003        | 0.0000        | 5.3755        |
| <b>Total</b>  | <b>6.0500e-003</b> | <b>0.0525</b> | <b>0.0396</b> | <b>6.0000e-005</b> | <b>1.5600e-003</b> | <b>3.6600e-003</b> | <b>5.2200e-003</b> | <b>2.4000e-004</b> | <b>3.4900e-003</b> | <b>3.7300e-003</b> | <b>0.0000</b> | <b>5.3493</b> | <b>5.3493</b> | <b>1.0500e-003</b> | <b>0.0000</b> | <b>5.3755</b> |

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**3.2 Demolition - 2017**

**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      | 8.0000e-005        | 2.5200e-003        | 5.1000e-004        | 1.0000e-005        | 1.2000e-004        | 1.0000e-005        | 1.3000e-004        | 3.0000e-005        | 1.0000e-005        | 5.0000e-005        | 0.0000        | 0.5568        | 0.5568        | 4.0000e-005        | 0.0000        | 0.5578        |
| 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       | 3.1000e-004        | 2.7000e-004        | 2.9200e-003        | 1.0000e-005        | 5.5000e-004        | 1.0000e-005        | 5.5000e-004        | 1.5000e-004        | 0.0000             | 1.5000e-004        | 0.0000        | 0.5598        | 0.5598        | 2.0000e-005        | 0.0000        | 0.5603        |
| <b>Total</b> | <b>3.9000e-004</b> | <b>2.7900e-003</b> | <b>3.4300e-003</b> | <b>2.0000e-005</b> | <b>6.7000e-004</b> | <b>2.0000e-005</b> | <b>6.8000e-004</b> | <b>1.8000e-004</b> | <b>1.0000e-005</b> | <b>2.0000e-004</b> | <b>0.0000</b> | <b>1.1166</b> | <b>1.1166</b> | <b>6.0000e-005</b> | <b>0.0000</b> | <b>1.1181</b> |

**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 |                    |               |               |                    | 7.0000e-004        | 0.0000             | 7.0000e-004        | 1.1000e-004        | 0.0000             | 1.1000e-004        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road      | 6.0500e-003        | 0.0525        | 0.0396        | 6.0000e-005        |                    | 3.6600e-003        | 3.6600e-003        |                    | 3.4900e-003        | 3.4900e-003        | 0.0000        | 5.3492        | 5.3492        | 1.0500e-003        | 0.0000        | 5.3755        |
| <b>Total</b>  | <b>6.0500e-003</b> | <b>0.0525</b> | <b>0.0396</b> | <b>6.0000e-005</b> | <b>7.0000e-004</b> | <b>3.6600e-003</b> | <b>4.3600e-003</b> | <b>1.1000e-004</b> | <b>3.4900e-003</b> | <b>3.6000e-003</b> | <b>0.0000</b> | <b>5.3492</b> | <b>5.3492</b> | <b>1.0500e-003</b> | <b>0.0000</b> | <b>5.3755</b> |

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**3.2 Demolition - 2017**

**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      | 8.0000e-005        | 2.5200e-003        | 5.1000e-004        | 1.0000e-005        | 1.2000e-004        | 1.0000e-005        | 1.3000e-004        | 3.0000e-005        | 1.0000e-005        | 5.0000e-005        | 0.0000        | 0.5568        | 0.5568        | 4.0000e-005        | 0.0000        | 0.5578        |
| 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       | 3.1000e-004        | 2.7000e-004        | 2.9200e-003        | 1.0000e-005        | 5.5000e-004        | 1.0000e-005        | 5.5000e-004        | 1.5000e-004        | 0.0000             | 1.5000e-004        | 0.0000        | 0.5598        | 0.5598        | 2.0000e-005        | 0.0000        | 0.5603        |
| <b>Total</b> | <b>3.9000e-004</b> | <b>2.7900e-003</b> | <b>3.4300e-003</b> | <b>2.0000e-005</b> | <b>6.7000e-004</b> | <b>2.0000e-005</b> | <b>6.8000e-004</b> | <b>1.8000e-004</b> | <b>1.0000e-005</b> | <b>2.0000e-004</b> | <b>0.0000</b> | <b>1.1166</b> | <b>1.1166</b> | <b>6.0000e-005</b> | <b>0.0000</b> | <b>1.1181</b> |

**3.3 Site Preparation - 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         |               |               |                    |               |               |
| Fugitive Dust |                    |                    |                    |               | 2.7000e-004        | 0.0000             | 2.7000e-004        | 3.0000e-005        | 0.0000             | 3.0000e-005        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road      | 4.3000e-004        | 5.2600e-003        | 2.1800e-003        | 0.0000        |                    | 2.4000e-004        | 2.4000e-004        |                    | 2.2000e-004        | 2.2000e-004        | 0.0000        | 0.4534        | 0.4534        | 1.4000e-004        | 0.0000        | 0.4569        |
| <b>Total</b>  | <b>4.3000e-004</b> | <b>5.2600e-003</b> | <b>2.1800e-003</b> | <b>0.0000</b> | <b>2.7000e-004</b> | <b>2.4000e-004</b> | <b>5.1000e-004</b> | <b>3.0000e-005</b> | <b>2.2000e-004</b> | <b>2.5000e-004</b> | <b>0.0000</b> | <b>0.4534</b> | <b>0.4534</b> | <b>1.4000e-004</b> | <b>0.0000</b> | <b>0.4569</b> |

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**3.3 Site Preparation - 2017**

**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       | 2.0000e-005        | 1.0000e-005        | 1.5000e-004        | 0.0000        | 3.0000e-005        | 0.0000        | 3.0000e-005        | 1.0000e-005        | 0.0000        | 1.0000e-005        | 0.0000        | 0.0280        | 0.0280        | 0.0000        | 0.0000        | 0.0280        |
| <b>Total</b> | <b>2.0000e-005</b> | <b>1.0000e-005</b> | <b>1.5000e-004</b> | <b>0.0000</b> | <b>3.0000e-005</b> | <b>0.0000</b> | <b>3.0000e-005</b> | <b>1.0000e-005</b> | <b>0.0000</b> | <b>1.0000e-005</b> | <b>0.0000</b> | <b>0.0280</b> | <b>0.0280</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0280</b> |

**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 |                    |                    |                    |               | 1.2000e-004        | 0.0000             | 1.2000e-004        | 1.0000e-005        | 0.0000             | 1.0000e-005        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road      | 4.3000e-004        | 5.2600e-003        | 2.1800e-003        | 0.0000        |                    | 2.4000e-004        | 2.4000e-004        |                    | 2.2000e-004        | 2.2000e-004        | 0.0000        | 0.4534        | 0.4534        | 1.4000e-004        | 0.0000        | 0.4569        |
| <b>Total</b>  | <b>4.3000e-004</b> | <b>5.2600e-003</b> | <b>2.1800e-003</b> | <b>0.0000</b> | <b>1.2000e-004</b> | <b>2.4000e-004</b> | <b>3.6000e-004</b> | <b>1.0000e-005</b> | <b>2.2000e-004</b> | <b>2.3000e-004</b> | <b>0.0000</b> | <b>0.4534</b> | <b>0.4534</b> | <b>1.4000e-004</b> | <b>0.0000</b> | <b>0.4569</b> |



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**3.3 Site Preparation - 2017**

**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       | 2.0000e-005        | 1.0000e-005        | 1.5000e-004        | 0.0000        | 3.0000e-005        | 0.0000        | 3.0000e-005        | 1.0000e-005        | 0.0000        | 1.0000e-005        | 0.0000        | 0.0280        | 0.0280        | 0.0000        | 0.0000        | 0.0280        |
| <b>Total</b> | <b>2.0000e-005</b> | <b>1.0000e-005</b> | <b>1.5000e-004</b> | <b>0.0000</b> | <b>3.0000e-005</b> | <b>0.0000</b> | <b>3.0000e-005</b> | <b>1.0000e-005</b> | <b>0.0000</b> | <b>1.0000e-005</b> | <b>0.0000</b> | <b>0.0280</b> | <b>0.0280</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0280</b> |

**3.4 Grading - 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         |               |               |                    |               |               |
| Fugitive Dust |                    |               |                    |                    | 1.1300e-003        | 0.0000             | 1.1300e-003        | 4.7000e-004        | 0.0000             | 4.7000e-004        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road      | 1.2100e-003        | 0.0105        | 7.9200e-003        | 1.0000e-005        |                    | 7.3000e-004        | 7.3000e-004        |                    | 7.0000e-004        | 7.0000e-004        | 0.0000        | 1.0699        | 1.0699        | 2.1000e-004        | 0.0000        | 1.0751        |
| <b>Total</b>  | <b>1.2100e-003</b> | <b>0.0105</b> | <b>7.9200e-003</b> | <b>1.0000e-005</b> | <b>1.1300e-003</b> | <b>7.3000e-004</b> | <b>1.8600e-003</b> | <b>4.7000e-004</b> | <b>7.0000e-004</b> | <b>1.1700e-003</b> | <b>0.0000</b> | <b>1.0699</b> | <b>1.0699</b> | <b>2.1000e-004</b> | <b>0.0000</b> | <b>1.0751</b> |

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**3.4 Grading - 2017**

**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      | 4.7000e-003        | 0.1484        | 0.0302        | 3.4000e-004        | 7.0900e-003        | 7.6000e-004        | 7.8500e-003        | 1.9500e-003        | 7.3000e-004        | 2.6800e-003        | 0.0000        | 32.8123        | 32.8123        | 2.3500e-003        | 0.0000        | 32.8710        |
| 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-005        | 5.0000e-005   | 5.8000e-004   | 0.0000             | 1.1000e-004        | 0.0000             | 1.1000e-004        | 3.0000e-005        | 0.0000             | 3.0000e-005        | 0.0000        | 0.1120         | 0.1120         | 0.0000             | 0.0000        | 0.1121         |
| <b>Total</b> | <b>4.7600e-003</b> | <b>0.1484</b> | <b>0.0308</b> | <b>3.4000e-004</b> | <b>7.2000e-003</b> | <b>7.6000e-004</b> | <b>7.9600e-003</b> | <b>1.9800e-003</b> | <b>7.3000e-004</b> | <b>2.7100e-003</b> | <b>0.0000</b> | <b>32.9242</b> | <b>32.9242</b> | <b>2.3500e-003</b> | <b>0.0000</b> | <b>32.9830</b> |

**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 |                    |               |                    |                    | 5.1000e-004        | 0.0000             | 5.1000e-004        | 2.1000e-004        | 0.0000             | 2.1000e-004        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road      | 1.2100e-003        | 0.0105        | 7.9200e-003        | 1.0000e-005        |                    | 7.3000e-004        | 7.3000e-004        |                    | 7.0000e-004        | 7.0000e-004        | 0.0000        | 1.0699        | 1.0699        | 2.1000e-004        | 0.0000        | 1.0751        |
| <b>Total</b>  | <b>1.2100e-003</b> | <b>0.0105</b> | <b>7.9200e-003</b> | <b>1.0000e-005</b> | <b>5.1000e-004</b> | <b>7.3000e-004</b> | <b>1.2400e-003</b> | <b>2.1000e-004</b> | <b>7.0000e-004</b> | <b>9.1000e-004</b> | <b>0.0000</b> | <b>1.0699</b> | <b>1.0699</b> | <b>2.1000e-004</b> | <b>0.0000</b> | <b>1.0751</b> |

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**3.4 Grading - 2017**

**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      | 4.7000e-003        | 0.1484        | 0.0302        | 3.4000e-004        | 7.0900e-003        | 7.6000e-004        | 7.8500e-003        | 1.9500e-003        | 7.3000e-004        | 2.6800e-003        | 0.0000        | 32.8123        | 32.8123        | 2.3500e-003        | 0.0000        | 32.8710        |
| 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-005        | 5.0000e-005   | 5.8000e-004   | 0.0000             | 1.1000e-004        | 0.0000             | 1.1000e-004        | 3.0000e-005        | 0.0000             | 3.0000e-005        | 0.0000        | 0.1120         | 0.1120         | 0.0000             | 0.0000        | 0.1121         |
| <b>Total</b> | <b>4.7600e-003</b> | <b>0.1484</b> | <b>0.0308</b> | <b>3.4000e-004</b> | <b>7.2000e-003</b> | <b>7.6000e-004</b> | <b>7.9600e-003</b> | <b>1.9800e-003</b> | <b>7.3000e-004</b> | <b>2.7100e-003</b> | <b>0.0000</b> | <b>32.9242</b> | <b>32.9242</b> | <b>2.3500e-003</b> | <b>0.0000</b> | <b>32.9830</b> |

**3.5 Building Construction - 2017**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Off-Road     | 0.0493        | 0.4912        | 0.3107        | 4.4000e-004        |               | 0.0331        | 0.0331        |                | 0.0304        | 0.0304        | 0.0000        | 40.7215        | 40.7215        | 0.0125        | 0.0000        | 41.0334        |
| <b>Total</b> | <b>0.0493</b> | <b>0.4912</b> | <b>0.3107</b> | <b>4.4000e-004</b> |               | <b>0.0331</b> | <b>0.0331</b> |                | <b>0.0304</b> | <b>0.0304</b> | <b>0.0000</b> | <b>40.7215</b> | <b>40.7215</b> | <b>0.0125</b> | <b>0.0000</b> | <b>41.0334</b> |

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**3.5 Building Construction - 2017**

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 1.4300e-003   | 0.0360        | 0.0105        | 7.0000e-005        | 1.7000e-003   | 3.0000e-004        | 1.9900e-003   | 4.9000e-004        | 2.8000e-004        | 7.7000e-004        | 0.0000        | 6.8335         | 6.8335         | 4.9000e-004        | 0.0000        | 6.8458         |
| Worker       | 9.4300e-003   | 8.1900e-003   | 0.0876        | 1.9000e-004        | 0.0165        | 1.6000e-004        | 0.0166        | 4.3700e-003        | 1.4000e-004        | 4.5100e-003        | 0.0000        | 16.8093        | 16.8093        | 7.0000e-004        | 0.0000        | 16.8268        |
| <b>Total</b> | <b>0.0109</b> | <b>0.0441</b> | <b>0.0981</b> | <b>2.6000e-004</b> | <b>0.0182</b> | <b>4.6000e-004</b> | <b>0.0186</b> | <b>4.8600e-003</b> | <b>4.2000e-004</b> | <b>5.2800e-003</b> | <b>0.0000</b> | <b>23.6428</b> | <b>23.6428</b> | <b>1.1900e-003</b> | <b>0.0000</b> | <b>23.6726</b> |

**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     | 0.0493        | 0.4912        | 0.3107        | 4.4000e-004        |               | 0.0331        | 0.0331        |                | 0.0304        | 0.0304        | 0.0000        | 40.7215        | 40.7215        | 0.0125        | 0.0000        | 41.0334        |
| <b>Total</b> | <b>0.0493</b> | <b>0.4912</b> | <b>0.3107</b> | <b>4.4000e-004</b> |               | <b>0.0331</b> | <b>0.0331</b> |                | <b>0.0304</b> | <b>0.0304</b> | <b>0.0000</b> | <b>40.7215</b> | <b>40.7215</b> | <b>0.0125</b> | <b>0.0000</b> | <b>41.0334</b> |

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**3.5 Building Construction - 2017**

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 1.4300e-003   | 0.0360        | 0.0105        | 7.0000e-005        | 1.7000e-003   | 3.0000e-004        | 1.9900e-003   | 4.9000e-004        | 2.8000e-004        | 7.7000e-004        | 0.0000        | 6.8335         | 6.8335         | 4.9000e-004        | 0.0000        | 6.8458         |
| Worker       | 9.4300e-003   | 8.1900e-003   | 0.0876        | 1.9000e-004        | 0.0165        | 1.6000e-004        | 0.0166        | 4.3700e-003        | 1.4000e-004        | 4.5100e-003        | 0.0000        | 16.8093        | 16.8093        | 7.0000e-004        | 0.0000        | 16.8268        |
| <b>Total</b> | <b>0.0109</b> | <b>0.0441</b> | <b>0.0981</b> | <b>2.6000e-004</b> | <b>0.0182</b> | <b>4.6000e-004</b> | <b>0.0186</b> | <b>4.8600e-003</b> | <b>4.2000e-004</b> | <b>5.2800e-003</b> | <b>0.0000</b> | <b>23.6428</b> | <b>23.6428</b> | <b>1.1900e-003</b> | <b>0.0000</b> | <b>23.6726</b> |

**3.5 Building Construction - 2018**

**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     | 0.0125        | 0.1269        | 0.0891        | 1.3000e-004        |               | 8.1500e-003        | 8.1500e-003        |                | 7.5000e-003        | 7.5000e-003        | 0.0000        | 11.9613        | 11.9613        | 3.7200e-003        | 0.0000        | 12.0544        |
| <b>Total</b> | <b>0.0125</b> | <b>0.1269</b> | <b>0.0891</b> | <b>1.3000e-004</b> |               | <b>8.1500e-003</b> | <b>8.1500e-003</b> |                | <b>7.5000e-003</b> | <b>7.5000e-003</b> | <b>0.0000</b> | <b>11.9613</b> | <b>11.9613</b> | <b>3.7200e-003</b> | <b>0.0000</b> | <b>12.0544</b> |

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**3.5 Building Construction - 2018**

**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       | 3.8000e-004        | 0.0101        | 2.8300e-003   | 2.0000e-005        | 5.1000e-004        | 7.0000e-005        | 5.8000e-004        | 1.5000e-004        | 7.0000e-005        | 2.1000e-004        | 0.0000        | 2.0340        | 2.0340        | 1.4000e-004        | 0.0000        | 2.0375        |
| Worker       | 2.4900e-003        | 2.1300e-003   | 0.0229        | 5.0000e-005        | 4.9100e-003        | 4.0000e-005        | 4.9600e-003        | 1.3100e-003        | 4.0000e-005        | 1.3500e-003        | 0.0000        | 4.8832        | 4.8832        | 1.8000e-004        | 0.0000        | 4.8878        |
| <b>Total</b> | <b>2.8700e-003</b> | <b>0.0122</b> | <b>0.0257</b> | <b>7.0000e-005</b> | <b>5.4200e-003</b> | <b>1.1000e-004</b> | <b>5.5400e-003</b> | <b>1.4600e-003</b> | <b>1.1000e-004</b> | <b>1.5600e-003</b> | <b>0.0000</b> | <b>6.9172</b> | <b>6.9172</b> | <b>3.2000e-004</b> | <b>0.0000</b> | <b>6.9253</b> |

**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     | 0.0125        | 0.1269        | 0.0891        | 1.3000e-004        |               | 8.1500e-003        | 8.1500e-003        |                | 7.5000e-003        | 7.5000e-003        | 0.0000        | 11.9613        | 11.9613        | 3.7200e-003        | 0.0000        | 12.0544        |
| <b>Total</b> | <b>0.0125</b> | <b>0.1269</b> | <b>0.0891</b> | <b>1.3000e-004</b> |               | <b>8.1500e-003</b> | <b>8.1500e-003</b> |                | <b>7.5000e-003</b> | <b>7.5000e-003</b> | <b>0.0000</b> | <b>11.9613</b> | <b>11.9613</b> | <b>3.7200e-003</b> | <b>0.0000</b> | <b>12.0544</b> |

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**3.5 Building Construction - 2018**

**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       | 3.8000e-004        | 0.0101        | 2.8300e-003   | 2.0000e-005        | 5.1000e-004        | 7.0000e-005        | 5.8000e-004        | 1.5000e-004        | 7.0000e-005        | 2.1000e-004        | 0.0000        | 2.0340        | 2.0340        | 1.4000e-004        | 0.0000        | 2.0375        |
| Worker       | 2.4900e-003        | 2.1300e-003   | 0.0229        | 5.0000e-005        | 4.9100e-003        | 4.0000e-005        | 4.9600e-003        | 1.3100e-003        | 4.0000e-005        | 1.3500e-003        | 0.0000        | 4.8832        | 4.8832        | 1.8000e-004        | 0.0000        | 4.8878        |
| <b>Total</b> | <b>2.8700e-003</b> | <b>0.0122</b> | <b>0.0257</b> | <b>7.0000e-005</b> | <b>5.4200e-003</b> | <b>1.1000e-004</b> | <b>5.5400e-003</b> | <b>1.4600e-003</b> | <b>1.1000e-004</b> | <b>1.5600e-003</b> | <b>0.0000</b> | <b>6.9172</b> | <b>6.9172</b> | <b>3.2000e-004</b> | <b>0.0000</b> | <b>6.9253</b> |

**3.6 Architectural Coating - 2017**

**Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category        | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |               |               |                    |               |               |
| Archit. Coating | 0.0339        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road        | 2.8200e-003   | 0.0186        | 0.0159        | 3.0000e-005        |               | 1.4700e-003        | 1.4700e-003        |                | 1.4700e-003        | 1.4700e-003        | 0.0000        | 2.1703        | 2.1703        | 2.3000e-004        | 0.0000        | 2.1760        |
| <b>Total</b>    | <b>0.0367</b> | <b>0.0186</b> | <b>0.0159</b> | <b>3.0000e-005</b> |               | <b>1.4700e-003</b> | <b>1.4700e-003</b> |                | <b>1.4700e-003</b> | <b>1.4700e-003</b> | <b>0.0000</b> | <b>2.1703</b> | <b>2.1703</b> | <b>2.3000e-004</b> | <b>0.0000</b> | <b>2.1760</b> |

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**3.6 Architectural Coating - 2017**

**Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 4.3000e-004        | 3.7000e-004        | 3.9700e-003        | 1.0000e-005        | 7.5000e-004        | 1.0000e-005        | 7.5000e-004        | 2.0000e-004        | 1.0000e-005        | 2.0000e-004        | 0.0000        | 0.7613        | 0.7613        | 3.0000e-005        | 0.0000        | 0.7621        |
| <b>Total</b> | <b>4.3000e-004</b> | <b>3.7000e-004</b> | <b>3.9700e-003</b> | <b>1.0000e-005</b> | <b>7.5000e-004</b> | <b>1.0000e-005</b> | <b>7.5000e-004</b> | <b>2.0000e-004</b> | <b>1.0000e-005</b> | <b>2.0000e-004</b> | <b>0.0000</b> | <b>0.7613</b> | <b>0.7613</b> | <b>3.0000e-005</b> | <b>0.0000</b> | <b>0.7621</b> |

**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 | 0.0339        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road        | 2.8200e-003   | 0.0186        | 0.0159        | 3.0000e-005        |               | 1.4700e-003        | 1.4700e-003        |                | 1.4700e-003        | 1.4700e-003        | 0.0000        | 2.1703        | 2.1703        | 2.3000e-004        | 0.0000        | 2.1760        |
| <b>Total</b>    | <b>0.0367</b> | <b>0.0186</b> | <b>0.0159</b> | <b>3.0000e-005</b> |               | <b>1.4700e-003</b> | <b>1.4700e-003</b> |                | <b>1.4700e-003</b> | <b>1.4700e-003</b> | <b>0.0000</b> | <b>2.1703</b> | <b>2.1703</b> | <b>2.3000e-004</b> | <b>0.0000</b> | <b>2.1760</b> |



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**3.6 Architectural Coating - 2017**

**Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 4.3000e-004        | 3.7000e-004        | 3.9700e-003        | 1.0000e-005        | 7.5000e-004        | 1.0000e-005        | 7.5000e-004        | 2.0000e-004        | 1.0000e-005        | 2.0000e-004        | 0.0000        | 0.7613        | 0.7613        | 3.0000e-005        | 0.0000        | 0.7621        |
| <b>Total</b> | <b>4.3000e-004</b> | <b>3.7000e-004</b> | <b>3.9700e-003</b> | <b>1.0000e-005</b> | <b>7.5000e-004</b> | <b>1.0000e-005</b> | <b>7.5000e-004</b> | <b>2.0000e-004</b> | <b>1.0000e-005</b> | <b>2.0000e-004</b> | <b>0.0000</b> | <b>0.7613</b> | <b>0.7613</b> | <b>3.0000e-005</b> | <b>0.0000</b> | <b>0.7621</b> |

**3.6 Architectural Coating - 2018**

**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 | 0.0657        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road        | 4.9300e-003   | 0.0331        | 0.0306        | 5.0000e-005        |               | 2.4800e-003        | 2.4800e-003        |                | 2.4800e-003        | 2.4800e-003        | 0.0000        | 4.2129        | 4.2129        | 4.0000e-004        | 0.0000        | 4.2229        |
| <b>Total</b>    | <b>0.0707</b> | <b>0.0331</b> | <b>0.0306</b> | <b>5.0000e-005</b> |               | <b>2.4800e-003</b> | <b>2.4800e-003</b> |                | <b>2.4800e-003</b> | <b>2.4800e-003</b> | <b>0.0000</b> | <b>4.2129</b> | <b>4.2129</b> | <b>4.0000e-004</b> | <b>0.0000</b> | <b>4.2229</b> |

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**3.6 Architectural Coating - 2018**

**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       | 7.3000e-004        | 6.3000e-004        | 6.7300e-003        | 2.0000e-005        | 1.4500e-003        | 1.0000e-005        | 1.4600e-003        | 3.8000e-004        | 1.0000e-005        | 4.0000e-004        | 0.0000        | 1.4372        | 1.4372        | 5.0000e-005        | 0.0000        | 1.4386        |
| <b>Total</b> | <b>7.3000e-004</b> | <b>6.3000e-004</b> | <b>6.7300e-003</b> | <b>2.0000e-005</b> | <b>1.4500e-003</b> | <b>1.0000e-005</b> | <b>1.4600e-003</b> | <b>3.8000e-004</b> | <b>1.0000e-005</b> | <b>4.0000e-004</b> | <b>0.0000</b> | <b>1.4372</b> | <b>1.4372</b> | <b>5.0000e-005</b> | <b>0.0000</b> | <b>1.4386</b> |

**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 | 0.0657        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road        | 4.9300e-003   | 0.0331        | 0.0306        | 5.0000e-005        |               | 2.4800e-003        | 2.4800e-003        |                | 2.4800e-003        | 2.4800e-003        | 0.0000        | 4.2129        | 4.2129        | 4.0000e-004        | 0.0000        | 4.2229        |
| <b>Total</b>    | <b>0.0707</b> | <b>0.0331</b> | <b>0.0306</b> | <b>5.0000e-005</b> |               | <b>2.4800e-003</b> | <b>2.4800e-003</b> |                | <b>2.4800e-003</b> | <b>2.4800e-003</b> | <b>0.0000</b> | <b>4.2129</b> | <b>4.2129</b> | <b>4.0000e-004</b> | <b>0.0000</b> | <b>4.2229</b> |

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**3.6 Architectural Coating - 2018**

**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       | 7.3000e-004        | 6.3000e-004        | 6.7300e-003        | 2.0000e-005        | 1.4500e-003        | 1.0000e-005        | 1.4600e-003        | 3.8000e-004        | 1.0000e-005        | 4.0000e-004        | 0.0000        | 1.4372        | 1.4372        | 5.0000e-005        | 0.0000        | 1.4386        |
| <b>Total</b> | <b>7.3000e-004</b> | <b>6.3000e-004</b> | <b>6.7300e-003</b> | <b>2.0000e-005</b> | <b>1.4500e-003</b> | <b>1.0000e-005</b> | <b>1.4600e-003</b> | <b>3.8000e-004</b> | <b>1.0000e-005</b> | <b>4.0000e-004</b> | <b>0.0000</b> | <b>1.4372</b> | <b>1.4372</b> | <b>5.0000e-005</b> | <b>0.0000</b> | <b>1.4386</b> |

**3.7 Paving - 2018**

**Unmitigated Construction On-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |               |               |                    |               |               |
| Off-Road     | 2.3000e-003        | 0.0219        | 0.0181        | 3.0000e-005        |               | 1.2800e-003        | 1.2800e-003        |                | 1.1800e-003        | 1.1800e-003        | 0.0000        | 2.4270        | 2.4270        | 6.8000e-004        | 0.0000        | 2.4441        |
| Paving       | 0.0000             |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| <b>Total</b> | <b>2.3000e-003</b> | <b>0.0219</b> | <b>0.0181</b> | <b>3.0000e-005</b> |               | <b>1.2800e-003</b> | <b>1.2800e-003</b> |                | <b>1.1800e-003</b> | <b>1.1800e-003</b> | <b>0.0000</b> | <b>2.4270</b> | <b>2.4270</b> | <b>6.8000e-004</b> | <b>0.0000</b> | <b>2.4441</b> |

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**3.7 Paving - 2018**

**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       | 2.5000e-004        | 2.1000e-004        | 2.2900e-003        | 1.0000e-005        | 4.9000e-004        | 0.0000        | 5.0000e-004        | 1.3000e-004        | 0.0000        | 1.4000e-004        | 0.0000        | 0.4900        | 0.4900        | 2.0000e-005        | 0.0000        | 0.4904        |
| <b>Total</b> | <b>2.5000e-004</b> | <b>2.1000e-004</b> | <b>2.2900e-003</b> | <b>1.0000e-005</b> | <b>4.9000e-004</b> | <b>0.0000</b> | <b>5.0000e-004</b> | <b>1.3000e-004</b> | <b>0.0000</b> | <b>1.4000e-004</b> | <b>0.0000</b> | <b>0.4900</b> | <b>0.4900</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.4904</b> |

**Mitigated Construction On-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |               |               |                    |               |               |
| Off-Road     | 2.3000e-003        | 0.0219        | 0.0181        | 3.0000e-005        |               | 1.2800e-003        | 1.2800e-003        |                | 1.1800e-003        | 1.1800e-003        | 0.0000        | 2.4270        | 2.4270        | 6.8000e-004        | 0.0000        | 2.4441        |
| Paving       | 0.0000             |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| <b>Total</b> | <b>2.3000e-003</b> | <b>0.0219</b> | <b>0.0181</b> | <b>3.0000e-005</b> |               | <b>1.2800e-003</b> | <b>1.2800e-003</b> |                | <b>1.1800e-003</b> | <b>1.1800e-003</b> | <b>0.0000</b> | <b>2.4270</b> | <b>2.4270</b> | <b>6.8000e-004</b> | <b>0.0000</b> | <b>2.4441</b> |

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**3.7 Paving - 2018**

**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       | 2.5000e-004        | 2.1000e-004        | 2.2900e-003        | 1.0000e-005        | 4.9000e-004        | 0.0000        | 5.0000e-004        | 1.3000e-004        | 0.0000        | 1.4000e-004        | 0.0000        | 0.4900        | 0.4900        | 2.0000e-005        | 0.0000        | 0.4904        |
| <b>Total</b> | <b>2.5000e-004</b> | <b>2.1000e-004</b> | <b>2.2900e-003</b> | <b>1.0000e-005</b> | <b>4.9000e-004</b> | <b>0.0000</b> | <b>5.0000e-004</b> | <b>1.3000e-004</b> | <b>0.0000</b> | <b>1.4000e-004</b> | <b>0.0000</b> | <b>0.4900</b> | <b>0.4900</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.4904</b> |

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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|             | ROG     | NOx    | CO     | SO2         | Fugitive 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   | 0.0429  | 0.2196 | 0.5979 | 1.8200e-003 | 0.1397        | 2.1300e-003  | 0.1419     | 0.0375         | 2.0000e-003   | 0.0395      | 0.0000   | 167.9872  | 167.9872  | 9.8600e-003 | 0.0000 | 168.2337 |
| Unmitigated | 0.0429  | 0.2196 | 0.5979 | 1.8200e-003 | 0.1397        | 2.1300e-003  | 0.1419     | 0.0375         | 2.0000e-003   | 0.0395      | 0.0000   | 167.9872  | 167.9872  | 9.8600e-003 | 0.0000 | 168.2337 |

4.2 Trip Summary Information

| Land Use                          | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------------------|-------------------------|----------|--------|-------------|------------|
|                                   | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Congregate Care (Assisted Living) | 105.35                  | 107.80   | 119.56 | 368,130     | 368,130    |
| Enclosed Parking with Elevator    | 0.00                    | 0.00     | 0.00   |             |            |
| Total                             | 105.35                  | 107.80   | 119.56 | 368,130     | 368,130    |

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 |
| Congregate Care (Assisted Living) | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Enclosed Parking with Elevator    | 16.60      | 8.40       | 6.90        | 0.00       | 0.00       | 0.00        | 0              | 0        | 0       |

4.4 Fleet Mix

| Land Use                          | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Enclosed Parking with Elevator    | 0.548007 | 0.045751 | 0.200309 | 0.124119 | 0.017133 | 0.006025 | 0.018861 | 0.028423 | 0.002391 | 0.002469 | 0.004915 | 0.000672 | 0.000925 |
| Congregate Care (Assisted Living) | 0.548007 | 0.045751 | 0.200309 | 0.124119 | 0.017133 | 0.006025 | 0.018861 | 0.028423 | 0.002391 | 0.002469 | 0.004915 | 0.000672 | 0.000925 |

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**5.0 Energy Detail**

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   | 87.2432   | 87.2432   | 3.6000e-003 | 7.5000e-004 | 87.5553 |
| Electricity Unmitigated |             |        |        |             |               | 0.0000       | 0.0000      |                | 0.0000        | 0.0000      | 0.0000   | 87.2432   | 87.2432   | 3.6000e-003 | 7.5000e-004 | 87.5553 |
| NaturalGas Mitigated    | 2.9500e-003 | 0.0252 | 0.0107 | 1.6000e-004 |               | 2.0400e-003  | 2.0400e-003 |                | 2.0400e-003   | 2.0400e-003 | 0.0000   | 29.1812   | 29.1812   | 5.6000e-004 | 5.3000e-004 | 29.3546 |
| NaturalGas Unmitigated  | 2.9500e-003 | 0.0252 | 0.0107 | 1.6000e-004 |               | 2.0400e-003  | 2.0400e-003 |                | 2.0400e-003   | 2.0400e-003 | 0.0000   | 29.1812   | 29.1812   | 5.6000e-004 | 5.3000e-004 | 29.3546 |

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**5.2 Energy by Land Use - Natural Gas**

**Unmitigated**

|                                   | Natural Gas Use | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O                | CO2e           |
|-----------------------------------|-----------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Land Use                          | kBTU/yr         | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |                    |                |
| Congregate Care (Assisted Living) | 546836          | 2.9500e-003        | 0.0252        | 0.0107        | 1.6000e-004        |               | 2.0400e-003        | 2.0400e-003        |                | 2.0400e-003        | 2.0400e-003        | 0.0000        | 29.1812        | 29.1812        | 5.6000e-004        | 5.3000e-004        | 29.3546        |
| Enclosed Parking with Elevator    | 0               | 0.0000             | 0.0000        | 0.0000        | 0.0000             |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000             | 0.0000         |
| <b>Total</b>                      |                 | <b>2.9500e-003</b> | <b>0.0252</b> | <b>0.0107</b> | <b>1.6000e-004</b> |               | <b>2.0400e-003</b> | <b>2.0400e-003</b> |                | <b>2.0400e-003</b> | <b>2.0400e-003</b> | <b>0.0000</b> | <b>29.1812</b> | <b>29.1812</b> | <b>5.6000e-004</b> | <b>5.3000e-004</b> | <b>29.3546</b> |

**Mitigated**

|                                   | Natural Gas Use | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O                | CO2e           |
|-----------------------------------|-----------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Land Use                          | kBTU/yr         | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |                    |                |
| Congregate Care (Assisted Living) | 546836          | 2.9500e-003        | 0.0252        | 0.0107        | 1.6000e-004        |               | 2.0400e-003        | 2.0400e-003        |                | 2.0400e-003        | 2.0400e-003        | 0.0000        | 29.1812        | 29.1812        | 5.6000e-004        | 5.3000e-004        | 29.3546        |
| Enclosed Parking with Elevator    | 0               | 0.0000             | 0.0000        | 0.0000        | 0.0000             |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000             | 0.0000         |
| <b>Total</b>                      |                 | <b>2.9500e-003</b> | <b>0.0252</b> | <b>0.0107</b> | <b>1.6000e-004</b> |               | <b>2.0400e-003</b> | <b>2.0400e-003</b> |                | <b>2.0400e-003</b> | <b>2.0400e-003</b> | <b>0.0000</b> | <b>29.1812</b> | <b>29.1812</b> | <b>5.6000e-004</b> | <b>5.3000e-004</b> | <b>29.3546</b> |



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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

|                                   | Electricity Use | Total CO2      | CH4                | N2O                | CO2e           |
|-----------------------------------|-----------------|----------------|--------------------|--------------------|----------------|
| Land Use                          | kWh/yr          | MT/yr          |                    |                    |                |
| Congregate Care (Assisted Living) | 206414          | 65.7681        | 2.7200e-003        | 5.6000e-004        | 66.0034        |
| Enclosed Parking with Elevator    | 67400           | 21.4751        | 8.9000e-004        | 1.8000e-004        | 21.5519        |
| <b>Total</b>                      |                 | <b>87.2432</b> | <b>3.6100e-003</b> | <b>7.4000e-004</b> | <b>87.5553</b> |

**Mitigated**

|                                   | Electricity Use | Total CO2      | CH4                | N2O                | CO2e           |
|-----------------------------------|-----------------|----------------|--------------------|--------------------|----------------|
| Land Use                          | kWh/yr          | MT/yr          |                    |                    |                |
| Congregate Care (Assisted Living) | 206414          | 65.7681        | 2.7200e-003        | 5.6000e-004        | 66.0034        |
| Enclosed Parking with Elevator    | 67400           | 21.4751        | 8.9000e-004        | 1.8000e-004        | 21.5519        |
| <b>Total</b>                      |                 | <b>87.2432</b> | <b>3.6100e-003</b> | <b>7.4000e-004</b> | <b>87.5553</b> |

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed

|             | ROG     | NOx         | CO     | SO2         | Fugitive 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   | 0.1396  | 5.8800e-003 | 0.5082 | 3.0000e-005 |               | 2.7800e-003  | 2.7800e-003 |                | 2.7800e-003   | 2.7800e-003 | 0.0000   | 0.8261    | 0.8261    | 8.1000e-004 | 0.0000 | 0.8464 |
| Unmitigated | 0.1396  | 5.8800e-003 | 0.5082 | 3.0000e-005 |               | 2.7800e-003  | 2.7800e-003 |                | 2.7800e-003   | 2.7800e-003 | 0.0000   | 0.8261    | 0.8261    | 8.1000e-004 | 0.0000 | 0.8464 |

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**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 | 9.9600e-003   |                    |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Consumer Products     | 0.1141        |                    |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Hearth                | 0.0000        | 0.0000             | 0.0000        | 0.0000             |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.0156        | 5.8800e-003        | 0.5082        | 3.0000e-005        |               | 2.7800e-003        | 2.7800e-003        |                | 2.7800e-003        | 2.7800e-003        | 0.0000        | 0.8261        | 0.8261        | 8.1000e-004        | 0.0000        | 0.8464        |
| <b>Total</b>          | <b>0.1396</b> | <b>5.8800e-003</b> | <b>0.5082</b> | <b>3.0000e-005</b> |               | <b>2.7800e-003</b> | <b>2.7800e-003</b> |                | <b>2.7800e-003</b> | <b>2.7800e-003</b> | <b>0.0000</b> | <b>0.8261</b> | <b>0.8261</b> | <b>8.1000e-004</b> | <b>0.0000</b> | <b>0.8464</b> |

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**6.2 Area by SubCategory**

**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 | 9.9600e-003   |                    |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Consumer Products     | 0.1141        |                    |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Hearth                | 0.0000        | 0.0000             | 0.0000        | 0.0000             |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.0156        | 5.8800e-003        | 0.5082        | 3.0000e-005        |               | 2.7800e-003        | 2.7800e-003        |                | 2.7800e-003        | 2.7800e-003        | 0.0000        | 0.8261        | 0.8261        | 8.1000e-004        | 0.0000        | 0.8464        |
| <b>Total</b>          | <b>0.1396</b> | <b>5.8800e-003</b> | <b>0.5082</b> | <b>3.0000e-005</b> |               | <b>2.7800e-003</b> | <b>2.7800e-003</b> |                | <b>2.7800e-003</b> | <b>2.7800e-003</b> | <b>0.0000</b> | <b>0.8261</b> | <b>0.8261</b> | <b>8.1000e-004</b> | <b>0.0000</b> | <b>0.8464</b> |

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

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|             | Total CO2 | CH4    | N2O         | CO2e    |
|-------------|-----------|--------|-------------|---------|
| Category    | MT/yr     |        |             |         |
| Mitigated   | 21.3827   | 0.1049 | 2.6300e-003 | 24.7883 |
| Unmitigated | 21.3827   | 0.1049 | 2.6300e-003 | 24.7883 |

**7.2 Water by Land Use**

**Unmitigated**

|                                   | Indoor/Outdoor Use | Total CO2      | CH4           | N2O                | CO2e           |
|-----------------------------------|--------------------|----------------|---------------|--------------------|----------------|
| Land Use                          | Mgal               | MT/yr          |               |                    |                |
| Congregate Care (Assisted Living) | 3.19255 / 2.01269  | 21.3827        | 0.1049        | 2.6300e-003        | 24.7883        |
| Enclosed Parking with Elevator    | 0 / 0              | 0.0000         | 0.0000        | 0.0000             | 0.0000         |
| <b>Total</b>                      |                    | <b>21.3827</b> | <b>0.1049</b> | <b>2.6300e-003</b> | <b>24.7883</b> |

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**7.2 Water by Land Use**

**Mitigated**

|                                   | Indoor/Outdoor Use | Total CO2      | CH4           | N2O                | CO2e           |
|-----------------------------------|--------------------|----------------|---------------|--------------------|----------------|
| Land Use                          | Mgal               | MT/yr          |               |                    |                |
| Congregate Care (Assisted Living) | 3.19255 / 2.01269  | 21.3827        | 0.1049        | 2.6300e-003        | 24.7883        |
| Enclosed Parking with Elevator    | 0 / 0              | 0.0000         | 0.0000        | 0.0000             | 0.0000         |
| <b>Total</b>                      |                    | <b>21.3827</b> | <b>0.1049</b> | <b>2.6300e-003</b> | <b>24.7883</b> |

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

|             | Total CO2 | CH4    | N2O    | CO2e    |
|-------------|-----------|--------|--------|---------|
|             | MT/yr     |        |        |         |
| Mitigated   | 9.0757    | 0.5364 | 0.0000 | 22.4847 |
| Unmitigated | 9.0757    | 0.5364 | 0.0000 | 22.4847 |

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**8.2 Waste by Land Use**

**Unmitigated**

|                                   | Waste Disposed | Total CO2     | CH4           | N2O           | CO2e           |
|-----------------------------------|----------------|---------------|---------------|---------------|----------------|
| Land Use                          | tons           | MT/yr         |               |               |                |
| Congregate Care (Assisted Living) | 44.71          | 9.0757        | 0.5364        | 0.0000        | 22.4847        |
| Enclosed Parking with Elevator    | 0              | 0.0000        | 0.0000        | 0.0000        | 0.0000         |
| <b>Total</b>                      |                | <b>9.0757</b> | <b>0.5364</b> | <b>0.0000</b> | <b>22.4847</b> |

**Mitigated**

|                                   | Waste Disposed | Total CO2     | CH4           | N2O           | CO2e           |
|-----------------------------------|----------------|---------------|---------------|---------------|----------------|
| Land Use                          | tons           | MT/yr         |               |               |                |
| Congregate Care (Assisted Living) | 44.71          | 9.0757        | 0.5364        | 0.0000        | 22.4847        |
| Enclosed Parking with Elevator    | 0              | 0.0000        | 0.0000        | 0.0000        | 0.0000         |
| <b>Total</b>                      |                | <b>9.0757</b> | <b>0.5364</b> | <b>0.0000</b> | <b>22.4847</b> |

**9.0 Operational Offroad**

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

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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**11.0 Vegetation**

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## West Hollywood Los Angeles-South Coast County, Mitigation Report

### Construction Mitigation Summary

| Phase                 | ROG  | NOx  | CO   | SO2  | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2 | NBio-CO2 | Total CO2 | CH4  | N2O  | CO2e |
|-----------------------|------|------|------|------|--------------|---------------|----------|----------|-----------|------|------|------|
| Percent Reduction     |      |      |      |      |              |               |          |          |           |      |      |      |
| Architectural Coating | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |
| Building Construction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |
| Demolition            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |
| Grading               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |
| Paving                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |
| Site Preparation      | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |

### OFFROAD Equipment Mitigation

| Equipment Type            | Fuel Type | Tier      | Number Mitigated | Total Number of Equipment | DPF       | Oxidation Catalyst |
|---------------------------|-----------|-----------|------------------|---------------------------|-----------|--------------------|
| Air Compressors           | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Cement and Mortar Mixers  | Diesel    | No Change | 0                | 4                         | No Change | 0.00               |
| Concrete/Industrial Saws  | Diesel    | No Change | 0                | 2                         | No Change | 0.00               |
| Cranes                    | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Forklifts                 | Diesel    | No Change | 0                | 2                         | No Change | 0.00               |
| Graders                   | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Pavers                    | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Rollers                   | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Rubber Tired Dozers       | Diesel    | No Change | 0                | 2                         | No Change | 0.00               |
| Tractors/Loaders/Backhoes | Diesel    | No Change | 0                | 8                         | No Change | 0.00               |

| Equipment Type            | ROG          | NOx          | CO           | SO2          | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2          | NBio- CO2    | Total CO2    | CH4          | N2O          | CO2e         |
|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------|-------------------|--------------|--------------|--------------|--------------|--------------|
| Unmitigated tons/yr       |              |              |              |              |              |               | Unmitigated mt/yr |              |              |              |              |              |
| Air Compressors           | 7.75000E-003 | 5.16700E-002 | 4.64700E-002 | 7.00000E-005 | 3.96000E-003 | 3.96000E-003  | 0.00000E+000      | 6.38314E+000 | 6.38314E+000 | 6.30000E-004 | 0.00000E+000 | 6.39888E+000 |
| Cement and Mortar Mixers  | 4.40000E-004 | 2.76000E-003 | 2.31000E-003 | 1.00000E-005 | 1.10000E-004 | 1.10000E-004  | 0.00000E+000      | 3.43710E-001 | 3.43710E-001 | 4.00000E-005 | 0.00000E+000 | 3.44600E-001 |
| Concrete/Industrial Saws  | 3.49000E-003 | 2.55700E-002 | 2.24900E-002 | 4.00000E-005 | 1.84000E-003 | 1.84000E-003  | 0.00000E+000      | 3.22594E+000 | 3.22594E+000 | 2.80000E-004 | 0.00000E+000 | 3.23303E+000 |
| Cranes                    | 1.60300E-002 | 1.90590E-001 | 6.87300E-002 | 1.40000E-004 | 8.45000E-003 | 7.77000E-003  | 0.00000E+000      | 1.33321E+001 | 1.33321E+001 | 4.10000E-003 | 0.00000E+000 | 1.34346E+001 |
| Forklifts                 | 1.52500E-002 | 1.32630E-001 | 9.30300E-002 | 1.10000E-004 | 1.08700E-002 | 1.00000E-002  | 0.00000E+000      | 1.05928E+001 | 1.05928E+001 | 3.26000E-003 | 0.00000E+000 | 1.06742E+001 |
| Graders                   | 2.70000E-004 | 3.74000E-003 | 9.80000E-004 | 0.00000E+000 | 1.20000E-004 | 1.10000E-004  | 0.00000E+000      | 3.09010E-001 | 3.09010E-001 | 9.00000E-005 | 0.00000E+000 | 3.11380E-001 |
| Pavers                    | 7.10000E-004 | 7.89000E-003 | 6.40000E-003 | 1.00000E-005 | 3.90000E-004 | 3.50000E-004  | 0.00000E+000      | 9.38920E-001 | 9.38920E-001 | 2.90000E-004 | 0.00000E+000 | 9.46220E-001 |
| Rollers                   | 5.60000E-004 | 5.45000E-003 | 4.23000E-003 | 1.00000E-005 | 3.80000E-004 | 3.50000E-004  | 0.00000E+000      | 5.23710E-001 | 5.23710E-001 | 1.60000E-004 | 0.00000E+000 | 5.27790E-001 |
| Rubber Tired Dozers       | 9.20000E-004 | 1.00200E-002 | 3.47000E-003 | 1.00000E-005 | 4.90000E-004 | 4.50000E-004  | 0.00000E+000      | 5.94630E-001 | 5.94630E-001 | 1.80000E-004 | 0.00000E+000 | 5.99190E-001 |
| Tractors/Loaders/Backhoes | 3.41000E-002 | 3.29530E-001 | 2.65920E-001 | 3.50000E-004 | 2.44900E-002 | 2.25300E-002  | 0.00000E+000      | 3.21216E+001 | 3.21216E+001 | 9.88000E-003 | 0.00000E+000 | 3.23685E+001 |

| Equipment Type             | ROG               | NOx          | CO           | SO2          | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2        | NBio- CO2    | Total CO2    | CH4          | N2O          | CO2e         |
|----------------------------|-------------------|--------------|--------------|--------------|--------------|---------------|-----------------|--------------|--------------|--------------|--------------|--------------|
|                            | Mitigated tons/yr |              |              |              |              |               | Mitigated mt/yr |              |              |              |              |              |
| Air Compressors            | 7.75000E-003      | 5.16700E-002 | 4.64700E-002 | 7.00000E-005 | 3.96000E-003 | 3.96000E-003  | 0.00000E+000    | 6.38313E+000 | 6.38313E+000 | 6.30000E-004 | 0.00000E+000 | 6.39887E+000 |
| Cement and Mortar Mixers   | 4.40000E-004      | 2.76000E-003 | 2.31000E-003 | 1.00000E-005 | 1.10000E-004 | 1.10000E-004  | 0.00000E+000    | 3.43710E-001 | 3.43710E-001 | 4.00000E-005 | 0.00000E+000 | 3.44600E-001 |
| Concrete/Industrial Saws   | 3.49000E-003      | 2.55700E-002 | 2.24900E-002 | 4.00000E-005 | 1.84000E-003 | 1.84000E-003  | 0.00000E+000    | 3.22593E+000 | 3.22593E+000 | 2.80000E-004 | 0.00000E+000 | 3.23303E+000 |
| Cranes                     | 1.60300E-002      | 1.90590E-001 | 6.87300E-002 | 1.40000E-004 | 8.45000E-003 | 7.77000E-003  | 0.00000E+000    | 1.33321E+001 | 1.33321E+001 | 4.10000E-003 | 0.00000E+000 | 1.34346E+001 |
| Forklifts                  | 1.52500E-002      | 1.32630E-001 | 9.30300E-002 | 1.10000E-004 | 1.08700E-002 | 1.00000E-002  | 0.00000E+000    | 1.05928E+001 | 1.05928E+001 | 3.26000E-003 | 0.00000E+000 | 1.06742E+001 |
| Graders                    | 2.70000E-004      | 3.74000E-003 | 9.80000E-004 | 0.00000E+000 | 1.20000E-004 | 1.10000E-004  | 0.00000E+000    | 3.09010E-001 | 3.09010E-001 | 9.00000E-005 | 0.00000E+000 | 3.11380E-001 |
| Pavers                     | 7.10000E-004      | 7.89000E-003 | 6.40000E-003 | 1.00000E-005 | 3.90000E-004 | 3.50000E-004  | 0.00000E+000    | 9.38920E-001 | 9.38920E-001 | 2.90000E-004 | 0.00000E+000 | 9.46220E-001 |
| Rollers                    | 5.60000E-004      | 5.45000E-003 | 4.23000E-003 | 1.00000E-005 | 3.80000E-004 | 3.50000E-004  | 0.00000E+000    | 5.23710E-001 | 5.23710E-001 | 1.60000E-004 | 0.00000E+000 | 5.27790E-001 |
| Rubber Tired Dozers        | 9.20000E-004      | 1.00200E-002 | 3.47000E-003 | 1.00000E-005 | 4.90000E-004 | 4.50000E-004  | 0.00000E+000    | 5.94630E-001 | 5.94630E-001 | 1.80000E-004 | 0.00000E+000 | 5.99190E-001 |
| Tractors/Loaders/Balckhoes | 3.41000E-002      | 3.29530E-001 | 2.65920E-001 | 3.50000E-004 | 2.44900E-002 | 2.25300E-002  | 0.00000E+000    | 3.21215E+001 | 3.21215E+001 | 9.88000E-003 | 0.00000E+000 | 3.23685E+001 |

| Equipment Type            | ROG          | NOx          | CO           | SO2          | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2     | NBio- CO2    | Total CO2    | CH4          | N2O          | CO2e         |
|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction         |              |              |              |              |              |               |              |              |              |              |              |              |
| Air Compressors           | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.56663E-006 | 1.56663E-006 | 0.00000E+000 | 0.00000E+000 | 1.56277E-006 |
| Cement and Mortar Mixers  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Concrete/Industrial Saws  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 3.09987E-006 | 3.09987E-006 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Cranes                    | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 7.50071E-007 | 7.50071E-007 | 0.00000E+000 | 0.00000E+000 | 1.48870E-006 |
| Forklifts                 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.88808E-006 | 1.88808E-006 | 0.00000E+000 | 0.00000E+000 | 9.36837E-007 |
| Graders                   | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Pavers                    | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Rollers                   | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Rubber Tired Dozers       | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Tractors/Loaders/Balkhoes | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.24527E-006 | 1.24527E-006 | 0.00000E+000 | 0.00000E+000 | 1.23577E-006 |

**Fugitive Dust Mitigation**

Yes/No Mitigation Measure Mitigation Input Mitigation Input Mitigation Input

|     |  |                    |       |                     |       |                     |      |
|-----|--|--------------------|-------|---------------------|-------|---------------------|------|
| No  | Soil Stabilizer for unpaved Roads      | PM10 Reduction     | 0.00  | PM2.5 Reduction     | 0.00  |                     |      |
| No  | Replace Ground Cover of Area Disturbed | PM10 Reduction     | 0.00  | PM2.5 Reduction     | 0.00  |                     |      |
| Yes | Water Exposed Area                     | PM10 Reduction     | 55.00 | PM2.5 Reduction     | 55.00 | Frequency (per day) | 2.00 |
| No  | Unpaved Road Mitigation                | Moisture Content % | 0.00  | Vehicle Speed (mph) | 0.00  |                     |      |
| No  | Clean Paved Road                       | % PM Reduction     | 0.00  |                     |       |                     |      |

| Phase                 | Source        | Unmitigated |       | Mitigated |       | Percent Reduction |       |
|-----------------------|---------------|-------------|-------|-----------|-------|-------------------|-------|
|                       |               | PM10        | PM2.5 | PM10      | PM2.5 | PM10              | PM2.5 |
| Architectural Coating | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Architectural Coating | Roads         | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Building Construction | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Building Construction | Roads         | 0.02        | 0.01  | 0.02      | 0.01  | 0.00              | 0.00  |
| Demolition            | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.55              | 0.54  |
| Demolition            | Roads         | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Grading               | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.55              | 0.55  |
| Grading               | Roads         | 0.01        | 0.00  | 0.01      | 0.00  | 0.00              | 0.00  |
| Paving                | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Paving                | Roads         | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Site Preparation      | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.56              | 0.67  |
| Site Preparation      | Roads         | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |

### Operational Percent Reduction Summary

| Category              | ROG  | NOx  | CO   | SO2  | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2 | NBio- CO2 | Total CO2 | CH4  | N2O  | CO2e |
|-----------------------|------|------|------|------|--------------|---------------|----------|-----------|-----------|------|------|------|
| Percent Reduction     |      |      |      |      |              |               |          |           |           |      |      |      |
| Architectural Coating | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |
| Consumer Products     | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |
| Electricity           | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |
| Hearth                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |
| Landscaping           | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |
| Mobile                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |
| Natural Gas           | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |
| Water Indoor          | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |
| Water Outdoor         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |

**Operational Mobile Mitigation**

Project Setting:

| Mitigation | Category | Measure                             | % Reduction | Input Value 1 | Input Value 2 | Input Value |
|------------|----------|-------------------------------------|-------------|---------------|---------------|-------------|
| No         | Land Use | Increase Density                    | 0.00        |               |               |             |
| No         | Land Use | Increase Diversity                  | 0.06        | 0.25          |               |             |
| No         | Land Use | Improve Walkability Design          | 0.00        |               |               |             |
| No         | Land Use | Improve Destination Accessibility   | 0.00        |               |               |             |
| No         | Land Use | Increase Transit Accessibility      | 0.25        |               |               |             |
| No         | Land Use | Integrate Below Market Rate Housing | 0.00        |               |               |             |
|            | Land Use | Land Use SubTotal                   | 0.00        |               |               |             |

|    |                           |  |      |  |      |
|----|---------------------------|--|------|--|------|
| No | Neighborhood Enhancements | Improve Pedestrian Network                             |      |  |      |
| No | Neighborhood Enhancements | Provide Traffic Calming Measures                       |      |  |      |
| No | Neighborhood Enhancements | Implement NEV Network                                  | 0.00 |  |      |
|    | Neighborhood Enhancements | Neighborhood Enhancements Subtotal                     | 0.00 |  |      |
| No | Parking Policy Pricing    | Limit Parking Supply                                   | 0.00 |  |      |
| No | Parking Policy Pricing    | Unbundle Parking Costs                                 | 0.00 |  |      |
| No | Parking Policy Pricing    | On-street Market Pricing                               | 0.00 |  |      |
|    | Parking Policy Pricing    | Parking Policy Pricing Subtotal                        | 0.00 |  |      |
| No | Transit Improvements      | Provide BRT System                                     | 0.00 |  |      |
| No | Transit Improvements      | Expand Transit Network                                 | 0.00 |  |      |
| No | Transit Improvements      | Increase Transit Frequency                             | 0.00 |  |      |
|    | Transit Improvements      | Transit Improvements Subtotal                          | 0.00 |  |      |
|    |                           | Land Use and Site Enhancement Subtotal                 | 0.00 |  |      |
| No | Commute                   | Implement Trip Reduction Program                       |      |  |      |
| No | Commute                   | Transit Subsidy  |      |  |      |
| No | Commute                   | Implement Employee Parking "Cash Out"                  |      |  |      |
| No | Commute                   | Workplace Parking Charge                               |      |  |      |
| No | Commute                   | Encourage Telecommuting and Alternative Work Schedules | 0.00 |  |      |
| No | Commute                   | Market Commute Trip Reduction Option                   | 0.00 |  |      |
| No | Commute                   | Employee Vanpool/Shuttle                               | 0.00 |  | 2.00 |
| No | Commute                   | Provide Ride Sharing Program                           |      |  |      |
|    | Commute                   | Commute Subtotal                                       | 0.00 |  |      |



|    |             |                              |      |  |  |
|----|-------------|------------------------------|------|--|--|
| No | School Trip | Implement School Bus Program | 0.00 |  |  |
|    |             | Total VMT Reduction          | 0.00 |  |  |

### Area Mitigation

| Measure Implemented | Mitigation Measure                           | Input Value |
|---------------------|--|-------------|
| No                  | Only Natural Gas Hearth                      |             |
| Yes                 | No Hearth                                    |             |
| No                  | Use Low VOC Cleaning Supplies                |             |
| Yes                 | Use Low VOC Paint (Residential Interior)     | 50.00       |
| Yes                 | Use Low VOC Paint (Residential Exterior)     | 50.00       |
| Yes                 | Use Low VOC Paint (Non-residential Interior) | 50.00       |
| Yes                 | Use Low VOC Paint (Non-residential Exterior) | 50.00       |
| Yes                 | Use Low VOC Paint (Parking)                  | 100.00      |
| No                  | % Electric Lawnmower                         | 0.00        |
| No                  | % Electric Leafblower                        | 0.00        |
| No                  | % Electric Chainsaw                          | 0.00        |

### Energy Mitigation Measures

| Measure Implemented | Mitigation Measure               | Input Value 1 | Input Value 2 |
|---------------------|----------------------------------|---------------|---------------|
| No                  | Exceed Title 24                  |               |               |
| No                  | Install High Efficiency Lighting |               |               |
| No                  | On-site Renewable                |               |               |

| Appliance Type | Land Use Subtype | % Improvement |
|----------------|------------------|---------------|
| ClothWasher    |                  | 30.00         |
| DishWasher     |                  | 15.00         |
| Fan            |                  | 50.00         |
| Refrigerator   |                  | 15.00         |

**Water Mitigation Measures**

| Measure Implemented | Mitigation Measure                     | Input Value 1 | Input Value 2 |
|---------------------|--|---------------|---------------|
| No                  | Apply Water Conservation on Strategy   |               |               |
| No                  | Use Reclaimed Water                    |               |               |
| No                  | Use Grey Water                         |               |               |
| No                  | Install low-flow bathroom faucet       | 32.00         |               |
| No                  | Install low-flow Kitchen faucet        | 18.00         |               |
| No                  | Install low-flow Toilet                | 20.00         |               |
| No                  | Install low-flow Shower                | 20.00         |               |
| No                  | Turf Reduction                         |               |               |
| No                  | Use Water Efficient Irrigation Systems | 6.10          |               |
| No                  | Water Efficient Landscape              |               |               |

**Solid Waste Mitigation**

| Mitigation Measures | Input Value |
|---------------------|-------------|
|---------------------|-------------|

|  |  |
|--|--|
| Institute Recycling and Composting Services<br>Percent Reduction in Waste Disposed |  |
|--|--|