

72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**72 Room Congregate 129-133 West Los Feliz**

Los Angeles-South Coast County, Winter

**1.0 Project Characteristics****1.1 Land Usage**

| Land Uses                         | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------------------|-------|---------------|-------------|--------------------|------------|
| Congregate Care (Assisted Living) | 72.00 | Dwelling Unit | 0.41        | 57,350.00          | 206        |
| Enclosed Parking with Elevator    | 29.15 | 1000sqft      | 0.00        | 29,145.00          | 0          |

**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>             | 12                     |                                 |       | <b>Operational Year</b>          | 2021  |
| <b>Utility Company</b>          | Glendale Water & Power |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 1115.33                | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

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

Project Characteristics - Lot: 17,654 SF; 57,350 SF Congregate Care Facility,

Land Use - 72 room, 5-story, 57,350 SF congregate care facility with a 29,145 SF, 2-level, 70 parking space, subterranean garage (Subterranean Level 1: 15,145 SF, and Subterranean Level 2: 14,000 SF)

Construction Phase - grading will occur over a period of 8 days.

Grading - 16,342.59 CY of grading (all export) to accommodate a 2-level subterranean garage

Demolition - Lot has been previously graded and is currently vacant.

Energy Use -

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| Table Name           | Column Name       | Default Value | New Value  |
|----------------------|-------------------|---------------|------------|
| tblConstructionPhase | NumDays           | 2.00          | 8.00       |
| tblConstructionPhase | PhaseEndDate      | 11/17/2020    | 11/24/2020 |
| tblConstructionPhase | PhaseEndDate      | 11/3/2020     | 11/10/2020 |
| tblConstructionPhase | PhaseEndDate      | 6/16/2020     | 6/24/2020  |
| tblConstructionPhase | PhaseEndDate      | 11/10/2020    | 11/17/2020 |
| tblConstructionPhase | PhaseStartDate    | 11/11/2020    | 11/18/2020 |
| tblConstructionPhase | PhaseStartDate    | 6/17/2020     | 6/24/2020  |
| tblConstructionPhase | PhaseStartDate    | 11/4/2020     | 11/11/2020 |
| tblGrading           | MaterialExported  | 0.00          | 16,342.59  |
| tblLandUse           | LandUseSquareFeet | 72,000.00     | 57,350.00  |
| tblLandUse           | LotAcreage        | 4.50          | 0.41       |
| tblLandUse           | LotAcreage        | 0.67          | 0.00       |

**2.0 Emissions Summary**

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## 2.1 Overall Construction (Maximum Daily Emission)

### Unmitigated Construction

|         | ROG     | NOx     | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4    | N2O    | CO2e            |
|---------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Year    | lb/day  |         |         |        |               |              |            |                |               |             | lb/day   |                 |                 |        |        |                 |
| 2020    | 73.7006 | 92.6508 | 35.6392 | 0.2329 | 6.3529        | 1.2406       | 7.5934     | 1.9142         | 1.1661        | 3.0803      | 0.0000   | 24,872.48<br>30 | 24,872.48<br>30 | 2.1628 | 0.0000 | 24,926.55<br>33 |
| Maximum | 73.7006 | 92.6508 | 35.6392 | 0.2329 | 6.3529        | 1.2406       | 7.5934     | 1.9142         | 1.1661        | 3.0803      | 0.0000   | 24,872.48<br>30 | 24,872.48<br>30 | 2.1628 | 0.0000 | 24,926.55<br>33 |

### Mitigated Construction

|         | ROG     | NOx     | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4    | N2O    | CO2e            |
|---------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Year    | lb/day  |         |         |        |               |              |            |                |               |             | lb/day   |                 |                 |        |        |                 |
| 2020    | 73.7006 | 92.6508 | 35.6392 | 0.2329 | 6.3529        | 1.2406       | 7.5934     | 1.9142         | 1.1661        | 3.0803      | 0.0000   | 24,872.48<br>30 | 24,872.48<br>30 | 2.1628 | 0.0000 | 24,926.55<br>33 |
| Maximum | 73.7006 | 92.6508 | 35.6392 | 0.2329 | 6.3529        | 1.2406       | 7.5934     | 1.9142         | 1.1661        | 3.0803      | 0.0000   | 24,872.48<br>30 | 24,872.48<br>30 | 2.1628 | 0.0000 | 24,926.55<br>33 |

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## 72 Room Congregate 129-133 West Los Feliz - 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         | 20.2936        | 1.5626        | 42.5717        | 0.0937        |               | 5.5328        | 5.5328        |                | 5.5328        | 5.5328        | 674.4181        | 1,306.702<br>2         | 1,981.120<br>3         | 2.0216        | 0.0458        | 2,045.301<br>8         |
| Energy       | 0.0234         | 0.1996        | 0.0849         | 1.2700e-003   |               | 0.0161        | 0.0161        |                | 0.0161        | 0.0161        |                 | 254.7716               | 254.7716               | 4.8800e-003   | 4.6700e-003   | 256.2856               |
| Mobile       | 0.3719         | 1.8496        | 4.9854         | 0.0172        | 1.4335        | 0.0150        | 1.4485        | 0.3836         | 0.0140        | 0.3977        |                 | 1,753.322<br>7         | 1,753.322<br>7         | 0.0952        |               | 1,755.703<br>8         |
| <b>Total</b> | <b>20.6889</b> | <b>3.6118</b> | <b>47.6420</b> | <b>0.1122</b> | <b>1.4335</b> | <b>5.5639</b> | <b>6.9974</b> | <b>0.3836</b>  | <b>5.5629</b> | <b>5.9466</b> | <b>674.4181</b> | <b>3,314.796<br/>4</b> | <b>3,989.214<br/>6</b> | <b>2.1218</b> | <b>0.0504</b> | <b>4,057.291<br/>2</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         | 20.2936        | 1.5626        | 42.5717        | 0.0937        |               | 5.5328        | 5.5328        |                | 5.5328        | 5.5328        | 674.4181        | 1,306.702<br>2         | 1,981.120<br>3         | 2.0216        | 0.0458        | 2,045.301<br>8         |
| Energy       | 0.0234         | 0.1996        | 0.0849         | 1.2700e-003   |               | 0.0161        | 0.0161        |                | 0.0161        | 0.0161        |                 | 254.7716               | 254.7716               | 4.8800e-003   | 4.6700e-003   | 256.2856               |
| Mobile       | 0.3719         | 1.8496        | 4.9854         | 0.0172        | 1.4335        | 0.0150        | 1.4485        | 0.3836         | 0.0140        | 0.3977        |                 | 1,753.322<br>7         | 1,753.322<br>7         | 0.0952        |               | 1,755.703<br>8         |
| <b>Total</b> | <b>20.6889</b> | <b>3.6118</b> | <b>47.6420</b> | <b>0.1122</b> | <b>1.4335</b> | <b>5.5639</b> | <b>6.9974</b> | <b>0.3836</b>  | <b>5.5629</b> | <b>5.9466</b> | <b>674.4181</b> | <b>3,314.796<br/>4</b> | <b>3,989.214<br/>6</b> | <b>2.1218</b> | <b>0.0504</b> | <b>4,057.291<br/>2</b> |

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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 |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| 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            | 5/29/2020  | 6/11/2020  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 6/12/2020  | 6/12/2020  | 5             | 1        |                   |
| 3            | Grading               | Grading               | 6/13/2020  | 6/24/2020  | 5             | 8        |                   |
| 4            | Building Construction | Building Construction | 6/24/2020  | 11/10/2020 | 5             | 100      |                   |
| 5            | Paving                | Paving                | 11/11/2020 | 11/17/2020 | 5             | 5        |                   |
| 6            | Architectural Coating | Architectural Coating | 11/18/2020 | 11/24/2020 | 5             | 5        |                   |

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 116,134; Residential Outdoor: 38,711; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,749 (Architectural Coating – sqft)

#### OffRoad Equipment

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

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

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               | 0.00                | 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               | 2,043.00            | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 5                       | 64.00              | 12.00              | 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                  |
| Architectural Coating | 1                       | 13.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

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**3.1 Mitigation Measures Construction****3.2 Demolition - 2020****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 |               |               |               |               | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 0.8674        | 7.8729        | 7.6226        | 0.0120        |               | 0.4672        | 0.4672        |                | 0.4457        | 0.4457        |          | 1,147.235<br>2         | 1,147.235<br>2         | 0.2169        |     | 1,152.657<br>8         |
| <b>Total</b>  | <b>0.8674</b> | <b>7.8729</b> | <b>7.6226</b> | <b>0.0120</b> | <b>0.0000</b> | <b>0.4672</b> | <b>0.4672</b> | <b>0.0000</b>  | <b>0.4457</b> | <b>0.4457</b> |          | <b>1,147.235<br/>2</b> | <b>1,147.235<br/>2</b> | <b>0.2169</b> |     | <b>1,152.657<br/>8</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2020****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       | 0.0511        | 0.0363        | 0.4010        | 1.1100e-003        | 0.1118        | 9.3000e-004        | 0.1127        | 0.0296         | 8.6000e-004        | 0.0305        |          | 110.7420        | 110.7420        | 3.4900e-003        |     | 110.8293        |
| <b>Total</b> | <b>0.0511</b> | <b>0.0363</b> | <b>0.4010</b> | <b>1.1100e-003</b> | <b>0.1118</b> | <b>9.3000e-004</b> | <b>0.1127</b> | <b>0.0296</b>  | <b>8.6000e-004</b> | <b>0.0305</b> |          | <b>110.7420</b> | <b>110.7420</b> | <b>3.4900e-003</b> |     | <b>110.8293</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 |               |               |               |               | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.8674        | 7.8729        | 7.6226        | 0.0120        |               | 0.4672        | 0.4672        |                | 0.4457        | 0.4457        | 0.0000        | 1,147.2352        | 1,147.2352        | 0.2169        |     | 1,152.6578        |
| <b>Total</b>  | <b>0.8674</b> | <b>7.8729</b> | <b>7.6226</b> | <b>0.0120</b> | <b>0.0000</b> | <b>0.4672</b> | <b>0.4672</b> | <b>0.0000</b>  | <b>0.4457</b> | <b>0.4457</b> | <b>0.0000</b> | <b>1,147.2352</b> | <b>1,147.2352</b> | <b>0.2169</b> |     | <b>1,152.6578</b> |

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**3.2 Demolition - 2020****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       | 0.0511        | 0.0363        | 0.4010        | 1.1100e-003        | 0.1118        | 9.3000e-004        | 0.1127        | 0.0296         | 8.6000e-004        | 0.0305        |          | 110.7420        | 110.7420        | 3.4900e-003        |     | 110.8293        |
| <b>Total</b> | <b>0.0511</b> | <b>0.0363</b> | <b>0.4010</b> | <b>1.1100e-003</b> | <b>0.1118</b> | <b>9.3000e-004</b> | <b>0.1127</b> | <b>0.0296</b>  | <b>8.6000e-004</b> | <b>0.0305</b> |          | <b>110.7420</b> | <b>110.7420</b> | <b>3.4900e-003</b> |     | <b>110.8293</b> |

**3.3 Site Preparation - 2020****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      | 0.6853        | 8.4307        | 4.0942        | 9.7400e-003        |               | 0.3353        | 0.3353        |                | 0.3085        | 0.3085        |          | 943.4872        | 943.4872        | 0.3051        |     | 951.1158        |
| <b>Total</b>  | <b>0.6853</b> | <b>8.4307</b> | <b>4.0942</b> | <b>9.7400e-003</b> | <b>0.5303</b> | <b>0.3353</b> | <b>0.8656</b> | <b>0.0573</b>  | <b>0.3085</b> | <b>0.3658</b> |          | <b>943.4872</b> | <b>943.4872</b> | <b>0.3051</b> |     | <b>951.1158</b> |

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**3.3 Site Preparation - 2020****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       | 0.0256        | 0.0181        | 0.2005        | 5.6000e-004        | 0.0559        | 4.7000e-004        | 0.0564        | 0.0148         | 4.3000e-004        | 0.0153        |          | 55.3710        | 55.3710        | 1.7500e-003        |     | 55.4147        |
| <b>Total</b> | <b>0.0256</b> | <b>0.0181</b> | <b>0.2005</b> | <b>5.6000e-004</b> | <b>0.0559</b> | <b>4.7000e-004</b> | <b>0.0564</b> | <b>0.0148</b>  | <b>4.3000e-004</b> | <b>0.0153</b> |          | <b>55.3710</b> | <b>55.3710</b> | <b>1.7500e-003</b> |     | <b>55.4147</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 |               |               |               |                    | 0.5303        | 0.0000        | 0.5303        | 0.0573         | 0.0000        | 0.0573        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road      | 0.6853        | 8.4307        | 4.0942        | 9.7400e-003        |               | 0.3353        | 0.3353        |                | 0.3085        | 0.3085        | 0.0000        | 943.4872        | 943.4872        | 0.3051        |     | 951.1158        |
| <b>Total</b>  | <b>0.6853</b> | <b>8.4307</b> | <b>4.0942</b> | <b>9.7400e-003</b> | <b>0.5303</b> | <b>0.3353</b> | <b>0.8656</b> | <b>0.0573</b>  | <b>0.3085</b> | <b>0.3658</b> | <b>0.0000</b> | <b>943.4872</b> | <b>943.4872</b> | <b>0.3051</b> |     | <b>951.1158</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.3 Site Preparation - 2020****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       | 0.0256        | 0.0181        | 0.2005        | 5.6000e-004        | 0.0559        | 4.7000e-004        | 0.0564        | 0.0148         | 4.3000e-004        | 0.0153        |          | 55.3710        | 55.3710        | 1.7500e-003        |     | 55.4147        |
| <b>Total</b> | <b>0.0256</b> | <b>0.0181</b> | <b>0.2005</b> | <b>5.6000e-004</b> | <b>0.0559</b> | <b>4.7000e-004</b> | <b>0.0564</b> | <b>0.0148</b>  | <b>4.3000e-004</b> | <b>0.0153</b> |          | <b>55.3710</b> | <b>55.3710</b> | <b>1.7500e-003</b> |     | <b>55.4147</b> |

**3.4 Grading - 2020****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 |               |               |               |               | 0.9838        | 0.0000        | 0.9838        | 0.4488         | 0.0000        | 0.4488        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.8674        | 7.8729        | 7.6226        | 0.0120        |               | 0.4672        | 0.4672        |                | 0.4457        | 0.4457        |          | 1,147.2352        | 1,147.2352        | 0.2169        |     | 1,152.6578        |
| <b>Total</b>  | <b>0.8674</b> | <b>7.8729</b> | <b>7.6226</b> | <b>0.0120</b> | <b>0.9838</b> | <b>0.4672</b> | <b>1.4510</b> | <b>0.4488</b>  | <b>0.4457</b> | <b>0.8944</b> |          | <b>1,147.2352</b> | <b>1,147.2352</b> | <b>0.2169</b> |     | <b>1,152.6578</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.4 Grading - 2020****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      | 2.2849        | 74.3812        | 17.2928        | 0.1982        | 4.4651        | 0.2380        | 4.7031        | 1.2240         | 0.2277        | 1.4516        |          | 21,479.43<br>97         | 21,479.43<br>97         | 1.5417        |     | 21,517.98<br>31         |
| 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       | 0.0511        | 0.0363         | 0.4010         | 1.1100e-003   | 0.1118        | 9.3000e-004   | 0.1127        | 0.0296         | 8.6000e-004   | 0.0305        |          | 110.7420                | 110.7420                | 3.4900e-003   |     | 110.8293                |
| <b>Total</b> | <b>2.3360</b> | <b>74.4174</b> | <b>17.6938</b> | <b>0.1993</b> | <b>4.5769</b> | <b>0.2389</b> | <b>4.8158</b> | <b>1.2536</b>  | <b>0.2285</b> | <b>1.4821</b> |          | <b>21,590.18<br/>18</b> | <b>21,590.18<br/>18</b> | <b>1.5452</b> |     | <b>21,628.81<br/>24</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 |               |               |               |               | 0.9838        | 0.0000        | 0.9838        | 0.4488         | 0.0000        | 0.4488        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 0.8674        | 7.8729        | 7.6226        | 0.0120        |               | 0.4672        | 0.4672        |                | 0.4457        | 0.4457        | 0.0000        | 1,147.235<br>2         | 1,147.235<br>2         | 0.2169        |     | 1,152.657<br>8         |
| <b>Total</b>  | <b>0.8674</b> | <b>7.8729</b> | <b>7.6226</b> | <b>0.0120</b> | <b>0.9838</b> | <b>0.4672</b> | <b>1.4510</b> | <b>0.4488</b>  | <b>0.4457</b> | <b>0.8944</b> | <b>0.0000</b> | <b>1,147.235<br/>2</b> | <b>1,147.235<br/>2</b> | <b>0.2169</b> |     | <b>1,152.657<br/>8</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.4 Grading - 2020****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      | 2.2849        | 74.3812        | 17.2928        | 0.1982        | 4.4651        | 0.2380        | 4.7031        | 1.2240         | 0.2277        | 1.4516        |          | 21,479.43<br>97         | 21,479.43<br>97         | 1.5417        |     | 21,517.98<br>31         |
| 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       | 0.0511        | 0.0363         | 0.4010         | 1.1100e-003   | 0.1118        | 9.3000e-004   | 0.1127        | 0.0296         | 8.6000e-004   | 0.0305        |          | 110.7420                | 110.7420                | 3.4900e-003   |     | 110.8293                |
| <b>Total</b> | <b>2.3360</b> | <b>74.4174</b> | <b>17.6938</b> | <b>0.1993</b> | <b>4.5769</b> | <b>0.2389</b> | <b>4.8158</b> | <b>1.2536</b>  | <b>0.2285</b> | <b>1.4821</b> |          | <b>21,590.18<br/>18</b> | <b>21,590.18<br/>18</b> | <b>1.5452</b> |     | <b>21,628.81<br/>24</b> |

**3.5 Building Construction - 2020****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     | 0.8617        | 8.8523        | 7.3875        | 0.0114        |               | 0.5224        | 0.5224        |                | 0.4806        | 0.4806        |          | 1,102.978<br>1         | 1,102.978<br>1         | 0.3567        |     | 1,111.896<br>2         |
| <b>Total</b> | <b>0.8617</b> | <b>8.8523</b> | <b>7.3875</b> | <b>0.0114</b> |               | <b>0.5224</b> | <b>0.5224</b> |                | <b>0.4806</b> | <b>0.4806</b> |          | <b>1,102.978<br/>1</b> | <b>1,102.978<br/>1</b> | <b>0.3567</b> |     | <b>1,111.896<br/>2</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2020****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       | 0.0446        | 1.2762        | 0.3689        | 3.0300e-003   | 0.0768        | 6.1000e-003   | 0.0829        | 0.0221         | 5.8400e-003   | 0.0280        |          | 323.3389          | 323.3389          | 0.0216        |     | 323.8794          |
| Worker       | 0.3271        | 0.2320        | 2.5665        | 7.1200e-003   | 0.7154        | 5.9800e-003   | 0.7214        | 0.1897         | 5.5100e-003   | 0.1952        |          | 708.7491          | 708.7491          | 0.0223        |     | 709.3075          |
| <b>Total</b> | <b>0.3717</b> | <b>1.5082</b> | <b>2.9353</b> | <b>0.0102</b> | <b>0.7922</b> | <b>0.0121</b> | <b>0.8043</b> | <b>0.2118</b>  | <b>0.0114</b> | <b>0.2232</b> |          | <b>1,032.0879</b> | <b>1,032.0879</b> | <b>0.0440</b> |     | <b>1,033.1869</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     | 0.8617        | 8.8523        | 7.3875        | 0.0114        |               | 0.5224        | 0.5224        |                | 0.4806        | 0.4806        | 0.0000        | 1,102.9781        | 1,102.9781        | 0.3567        |     | 1,111.8962        |
| <b>Total</b> | <b>0.8617</b> | <b>8.8523</b> | <b>7.3875</b> | <b>0.0114</b> |               | <b>0.5224</b> | <b>0.5224</b> |                | <b>0.4806</b> | <b>0.4806</b> | <b>0.0000</b> | <b>1,102.9781</b> | <b>1,102.9781</b> | <b>0.3567</b> |     | <b>1,111.8962</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2020****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       | 0.0446        | 1.2762        | 0.3689        | 3.0300e-003   | 0.0768        | 6.1000e-003   | 0.0829        | 0.0221         | 5.8400e-003   | 0.0280        |          | 323.3389          | 323.3389          | 0.0216        |     | 323.8794          |
| Worker       | 0.3271        | 0.2320        | 2.5665        | 7.1200e-003   | 0.7154        | 5.9800e-003   | 0.7214        | 0.1897         | 5.5100e-003   | 0.1952        |          | 708.7491          | 708.7491          | 0.0223        |     | 709.3075          |
| <b>Total</b> | <b>0.3717</b> | <b>1.5082</b> | <b>2.9353</b> | <b>0.0102</b> | <b>0.7922</b> | <b>0.0121</b> | <b>0.8043</b> | <b>0.2118</b>  | <b>0.0114</b> | <b>0.2232</b> |          | <b>1,032.0879</b> | <b>1,032.0879</b> | <b>0.0440</b> |     | <b>1,033.1869</b> |

**3.6 Paving - 2020****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     | 0.7716        | 7.2266        | 7.1128        | 0.0113        |               | 0.3950        | 0.3950        |                | 0.3669        | 0.3669        |          | 1,035.3926        | 1,035.3926        | 0.3016        |     | 1,042.9323        |
| Paving       | 0.0000        |               |               |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.7716</b> | <b>7.2266</b> | <b>7.1128</b> | <b>0.0113</b> |               | <b>0.3950</b> | <b>0.3950</b> |                | <b>0.3669</b> | <b>0.3669</b> |          | <b>1,035.3926</b> | <b>1,035.3926</b> | <b>0.3016</b> |     | <b>1,042.9323</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.6 Paving - 2020****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       | 0.0920        | 0.0652        | 0.7218        | 2.0000e-003        | 0.2012        | 1.6800e-003        | 0.2029        | 0.0534         | 1.5500e-003        | 0.0549        |          | 199.3357        | 199.3357        | 6.2800e-003        |     | 199.4927        |
| <b>Total</b> | <b>0.0920</b> | <b>0.0652</b> | <b>0.7218</b> | <b>2.0000e-003</b> | <b>0.2012</b> | <b>1.6800e-003</b> | <b>0.2029</b> | <b>0.0534</b>  | <b>1.5500e-003</b> | <b>0.0549</b> |          | <b>199.3357</b> | <b>199.3357</b> | <b>6.2800e-003</b> |     | <b>199.4927</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     | 0.7716        | 7.2266        | 7.1128        | 0.0113        |               | 0.3950        | 0.3950        |                | 0.3669        | 0.3669        | 0.0000        | 1,035.3926        | 1,035.3926        | 0.3016        |     | 1,042.9323        |
| Paving       | 0.0000        |               |               |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.7716</b> | <b>7.2266</b> | <b>7.1128</b> | <b>0.0113</b> |               | <b>0.3950</b> | <b>0.3950</b> |                | <b>0.3669</b> | <b>0.3669</b> | <b>0.0000</b> | <b>1,035.3926</b> | <b>1,035.3926</b> | <b>0.3016</b> |     | <b>1,042.9323</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.6 Paving - 2020****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       | 0.0920        | 0.0652        | 0.7218        | 2.0000e-003        | 0.2012        | 1.6800e-003        | 0.2029        | 0.0534         | 1.5500e-003        | 0.0549        |          | 199.3357        | 199.3357        | 6.2800e-003        |     | 199.4927        |
| <b>Total</b> | <b>0.0920</b> | <b>0.0652</b> | <b>0.7218</b> | <b>2.0000e-003</b> | <b>0.2012</b> | <b>1.6800e-003</b> | <b>0.2029</b> | <b>0.0534</b>  | <b>1.5500e-003</b> | <b>0.0549</b> |          | <b>199.3357</b> | <b>199.3357</b> | <b>6.2800e-003</b> |     | <b>199.4927</b> |

**3.7 Architectural Coating - 2020****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 | 73.3920        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2422         | 1.6838        | 1.8314        | 2.9700e-003        |               | 0.1109        | 0.1109        |                | 0.1109        | 0.1109        |          | 281.4481        | 281.4481        | 0.0218        |     | 281.9928        |
| <b>Total</b>    | <b>73.6342</b> | <b>1.6838</b> | <b>1.8314</b> | <b>2.9700e-003</b> |               | <b>0.1109</b> | <b>0.1109</b> |                | <b>0.1109</b> | <b>0.1109</b> |          | <b>281.4481</b> | <b>281.4481</b> | <b>0.0218</b> |     | <b>281.9928</b> |

## 72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.7 Architectural Coating - 2020****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       | 0.0664        | 0.0471        | 0.5213        | 1.4500e-003        | 0.1453        | 1.2100e-003        | 0.1465        | 0.0385         | 1.1200e-003        | 0.0397        |          | 143.9647        | 143.9647        | 4.5400e-003        |     | 144.0781        |
| <b>Total</b> | <b>0.0664</b> | <b>0.0471</b> | <b>0.5213</b> | <b>1.4500e-003</b> | <b>0.1453</b> | <b>1.2100e-003</b> | <b>0.1465</b> | <b>0.0385</b>  | <b>1.1200e-003</b> | <b>0.0397</b> |          | <b>143.9647</b> | <b>143.9647</b> | <b>4.5400e-003</b> |     | <b>144.0781</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 | 73.3920        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2422         | 1.6838        | 1.8314        | 2.9700e-003        |               | 0.1109        | 0.1109        |                | 0.1109        | 0.1109        | 0.0000        | 281.4481        | 281.4481        | 0.0218        |     | 281.9928        |
| <b>Total</b>    | <b>73.6342</b> | <b>1.6838</b> | <b>1.8314</b> | <b>2.9700e-003</b> |               | <b>0.1109</b> | <b>0.1109</b> |                | <b>0.1109</b> | <b>0.1109</b> | <b>0.0000</b> | <b>281.4481</b> | <b>281.4481</b> | <b>0.0218</b> |     | <b>281.9928</b> |

72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Winter

**3.7 Architectural Coating - 2020****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       | 0.0664        | 0.0471        | 0.5213        | 1.4500e-003        | 0.1453        | 1.2100e-003        | 0.1465        | 0.0385         | 1.1200e-003        | 0.0397        |          | 143.9647        | 143.9647        | 4.5400e-003        |     | 144.0781        |
| <b>Total</b> | <b>0.0664</b> | <b>0.0471</b> | <b>0.5213</b> | <b>1.4500e-003</b> | <b>0.1453</b> | <b>1.2100e-003</b> | <b>0.1465</b> | <b>0.0385</b>  | <b>1.1200e-003</b> | <b>0.0397</b> |          | <b>143.9647</b> | <b>143.9647</b> | <b>4.5400e-003</b> |     | <b>144.0781</b> |

**4.0 Operational Detail - Mobile****4.1 Mitigation Measures Mobile**

## 72 Room Congregate 129-133 West Los Feliz - 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   | 0.3719 | 1.8496 | 4.9854 | 0.0172 | 1.4335        | 0.0150       | 1.4485     | 0.3836         | 0.0140        | 0.3977      |          | 1,753.3227 | 1,753.3227 | 0.0952 |     | 1,755.7038 |
| Unmitigated | 0.3719 | 1.8496 | 4.9854 | 0.0172 | 1.4335        | 0.0150       | 1.4485     | 0.3836         | 0.0140        | 0.3977      |          | 1,753.3227 | 1,753.3227 | 0.0952 |     | 1,755.7038 |

## 4.2 Trip Summary Information

| Land Use                          | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------------------|-------------------------|----------|--------|-------------|------------|
|                                   | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Congregate Care (Assisted Living) | 197.28                  | 158.40   | 175.68 | 644,612     | 644,612    |
| Enclosed Parking with Elevator    | 0.00                    | 0.00     | 0.00   |             |            |
| Total                             | 197.28                  | 158.40   | 175.68 | 644,612     | 644,612    |

## 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       |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Congregate Care (Assisted Living) | 0.547192 | 0.045177 | 0.202743 | 0.121510 | 0.016147 | 0.006143 | 0.019743 | 0.029945 | 0.002479 | 0.002270 | 0.005078 | 0.000682 | 0.000891 |
| Enclosed Parking with Elevator    | 0.547192 | 0.045177 | 0.202743 | 0.121510 | 0.016147 | 0.006143 | 0.019743 | 0.029945 | 0.002479 | 0.002270 | 0.005078 | 0.000682 | 0.000891 |

72 Room Congregate 129-133 West Los Feliz - 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   | 0.0234 | 0.1996 | 0.0849 | 1.2700e-003 |               | 0.0161       | 0.0161     |                | 0.0161        | 0.0161      |          | 254.7716  | 254.7716  | 4.8800e-003 | 4.6700e-003 | 256.2856 |
| NaturalGas Unmitigated | 0.0234 | 0.1996 | 0.0849 | 1.2700e-003 |               | 0.0161       | 0.0161     |                | 0.0161        | 0.0161      |          | 254.7716  | 254.7716  | 4.8800e-003 | 4.6700e-003 | 256.2856 |

## 72 Room Congregate 129-133 West Los Feliz - 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) | 2165.56        | 0.0234        | 0.1996        | 0.0849        | 1.2700e-003        |               | 0.0161        | 0.0161        |                | 0.0161        | 0.0161        |          | 254.7716        | 254.7716        | 4.8800e-003        | 4.6700e-003        | 256.2856        |
| 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>0.0234</b> | <b>0.1996</b> | <b>0.0849</b> | <b>1.2700e-003</b> |               | <b>0.0161</b> | <b>0.0161</b> |                | <b>0.0161</b> | <b>0.0161</b> |          | <b>254.7716</b> | <b>254.7716</b> | <b>4.8800e-003</b> | <b>4.6700e-003</b> | <b>256.2856</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) | 2.16556        | 0.0234        | 0.1996        | 0.0849        | 1.2700e-003        |               | 0.0161        | 0.0161        |                | 0.0161        | 0.0161        |          | 254.7716        | 254.7716        | 4.8800e-003        | 4.6700e-003        | 256.2856        |
| 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>0.0234</b> | <b>0.1996</b> | <b>0.0849</b> | <b>1.2700e-003</b> |               | <b>0.0161</b> | <b>0.0161</b> |                | <b>0.0161</b> | <b>0.0161</b> |          | <b>254.7716</b> | <b>254.7716</b> | <b>4.8800e-003</b> | <b>4.6700e-003</b> | <b>256.2856</b> |

**6.0 Area Detail****6.1 Mitigation Measures Area**

## 72 Room Congregate 129-133 West Los Feliz - 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   | 20.2936 | 1.5626 | 42.5717 | 0.0937 |               | 5.5328       | 5.5328     |                | 5.5328        | 5.5328      | 674.4181 | 1,306.702<br>2 | 1,981.120<br>3 | 2.0216 | 0.0458 | 2,045.301<br>8 |
| Unmitigated | 20.2936 | 1.5626 | 42.5717 | 0.0937 |               | 5.5328       | 5.5328     |                | 5.5328        | 5.5328      | 674.4181 | 1,306.702<br>2 | 1,981.120<br>3 | 2.0216 | 0.0458 | 2,045.301<br>8 |

## 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 | 0.1005  |        |         |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          |                | 0.0000         |        |        | 0.0000         |
| Consumer Products     | 1.1459  |        |         |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          |                | 0.0000         |        |        | 0.0000         |
| Hearth                | 18.8666 | 1.4939 | 36.6157 | 0.0934      |               | 5.5000       | 5.5000     |                | 5.5000        | 5.5000      | 674.4181 | 1,296.000<br>0 | 1,970.418<br>1 | 2.0113 | 0.0458 | 2,034.340<br>1 |
| Landscaping           | 0.1807  | 0.0687 | 5.9560  | 3.1000e-004 |               | 0.0328       | 0.0328     |                | 0.0328        | 0.0328      |          | 10.7022        | 10.7022        | 0.0104 |        | 10.9617        |
| Total                 | 20.2936 | 1.5626 | 42.5717 | 0.0937      |               | 5.5328       | 5.5328     |                | 5.5328        | 5.5328      | 674.4181 | 1,306.702<br>2 | 1,981.120<br>3 | 2.0216 | 0.0458 | 2,045.301<br>8 |

72 Room Congregate 129-133 West Los Feliz - 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 | 0.1005         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                   | 0.0000            |               |               | 0.0000            |
| Consumer Products     | 1.1459         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                   | 0.0000            |               |               | 0.0000            |
| Hearth                | 18.8666        | 1.4939        | 36.6157        | 0.0934        |               | 5.5000        | 5.5000        |                | 5.5000        | 5.5000        | 674.4181        | 1,296.0000        | 1,970.4181        | 2.0113        | 0.0458        | 2,034.3401        |
| Landscaping           | 0.1807         | 0.0687        | 5.9560         | 3.1000e-004   |               | 0.0328        | 0.0328        |                | 0.0328        | 0.0328        |                 | 10.7022           | 10.7022           | 0.0104        |               | 10.9617           |
| <b>Total</b>          | <b>20.2936</b> | <b>1.5626</b> | <b>42.5717</b> | <b>0.0937</b> |               | <b>5.5328</b> | <b>5.5328</b> |                | <b>5.5328</b> | <b>5.5328</b> | <b>674.4181</b> | <b>1,306.7022</b> | <b>1,981.1203</b> | <b>2.0216</b> | <b>0.0458</b> | <b>2,045.3018</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

**10.0 Stationary Equipment**

72 Room Congregate 129-133 West Los Feliz - 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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