

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

**La Canada Assisted Living - 1809 Verdugo Blvd
Los Angeles-South Coast County, Summer**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------------------|-------|---------------|-------------|--------------------|------------|
| Congregate Care (Assisted Living) | 54.00 | Dwelling Unit | 0.68 | 54,000.00 | 154 |
| Enclosed Parking with Elevator | 8.00 | 1000sqft | 0.00 | 8,000.00 | 0 |
| Enclosed Parking with Elevator | 25.00 | 1000sqft | 0.82 | 25,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 33 |
| Climate Zone | 9 | | | Operational Year | 2020 |
| Utility Company | Glendale Water & Power | | | | |
| CO2 Intensity (lb/MW hr) | 1115.33 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Lot Areas: 64,495 sq. ft., Three-story Residential Congregate Care, Medical Facility: 33,334 sq. ft., Two-level, Parking Structure

Land Use - The project site consists of 3 lots: 24,030 sq. ft., 5,780 sq. ft. and 35,600 sq. ft. (65,410 sq. ft. combined). The Residential Congregate Living, Medical Facility will consist of 54 rooms (77 beds) and a one-level subterranean garage with 36 parking spaces. A new two-level, at-grade, parking structure with 79 parking spaces is proposed at other portions of the site.

Grading - Amount of grading: 3,000 CY (all export)

Demolition - The existing 2-level, parking structure is approximately 15,000 square-feet

Energy Use -

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| Table Name | Column Name | Default Value | New Value |
|----------------|-------------------|---------------|-----------|
| tblLandUse | LotAcreage | 3.38 | 0.68 |
| tblLandUse | LotAcreage | 0.18 | 0.00 |
| tblLandUse | LotAcreage | 0.57 | 0.82 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 297.00 |

2.0 Emissions Summary

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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 | 15.4624 | 1.1721 | 31.9351 | 0.0703 | | 4.1496 | 4.1496 | | 4.1496 | 4.1496 | 505.8136 | 980.0291 | 1,485.8426 | 1.5163 | 0.0343 | 1,533.9802 |
| Energy | 0.0214 | 0.1827 | 0.0777 | 1.1700e-003 | | 0.0148 | 0.0148 | | 0.0148 | 0.0148 | | 233.1646 | 233.1646 | 4.4700e-003 | 4.2700e-003 | 234.5502 |
| Mobile | 0.3111 | 1.4628 | 4.2805 | 0.0139 | 1.0752 | 0.0139 | 1.0890 | 0.2878 | 0.0130 | 0.3008 | | 1,415.5395 | 1,415.5395 | 0.0767 | | 1,417.4577 |
| Total | 15.7949 | 2.8176 | 36.2933 | 0.0854 | 1.0752 | 4.1782 | 5.2534 | 0.2878 | 4.1774 | 4.4651 | 505.8136 | 2,628.7332 | 3,134.5468 | 1.5975 | 0.0386 | 3,185.9881 |

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 | 15.4624 | 1.1721 | 31.9351 | 0.0703 | | 4.1496 | 4.1496 | | 4.1496 | 4.1496 | 505.8136 | 980.0291 | 1,485.8426 | 1.5163 | 0.0343 | 1,533.9802 |
| Energy | 0.0214 | 0.1827 | 0.0777 | 1.1700e-003 | | 0.0148 | 0.0148 | | 0.0148 | 0.0148 | | 233.1646 | 233.1646 | 4.4700e-003 | 4.2700e-003 | 234.5502 |
| Mobile | 0.3111 | 1.4628 | 4.2805 | 0.0139 | 1.0752 | 0.0139 | 1.0890 | 0.2878 | 0.0130 | 0.3008 | | 1,415.5395 | 1,415.5395 | 0.0767 | | 1,417.4577 |
| Total | 15.7949 | 2.8176 | 36.2933 | 0.0854 | 1.0752 | 4.1782 | 5.2534 | 0.2878 | 4.1774 | 4.4651 | 505.8136 | 2,628.7332 | 3,134.5468 | 1.5975 | 0.0386 | 3,185.9881 |

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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 | 9/2/2019 | 9/27/2019 | 5 | 20 | |
| 2 | Site Preparation | Site Preparation | 9/28/2019 | 10/1/2019 | 5 | 2 | |
| 3 | Grading | Grading | 10/2/2019 | 10/7/2019 | 5 | 4 | |
| 4 | Building Construction | Building Construction | 10/8/2019 | 7/13/2020 | 5 | 200 | |
| 5 | Paving | Paving | 7/14/2020 | 7/27/2020 | 5 | 10 | |
| 6 | Architectural Coating | Architectural Coating | 7/28/2020 | 8/10/2020 | 5 | 10 | |

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.82

Residential Indoor: 109,350; Residential Outdoor: 36,450; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,980 (Architectural Coating – sqft)

OffRoad Equipment

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| 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 | 1 | 6.00 | 9 | 0.56 |
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Cranes | 1 | 6.00 | 231 | 0.29 |
| Building Construction | Forklifts | 1 | 6.00 | 89 | 0.20 |
| Site Preparation | Graders | 1 | 8.00 | 187 | 0.41 |
| Paving | Pavers | 1 | 6.00 | 130 | 0.42 |
| Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Demolition | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 1 | 6.00 | 97 | 0.37 |
| Demolition | Tractors/Loaders/Backhoes | 3 | 8.00 | 97 | 0.37 |
| Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Paving | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Paving | Paving Equipment | 1 | 8.00 | 132 | 0.36 |
| Site Preparation | Rubber Tired Dozers | 1 | 7.00 | 247 | 0.40 |
| Building Construction | Welders | 3 | 8.00 | 46 | 0.45 |

Trips and VMT

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| 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 | 5 | 13.00 | 0.00 | 68.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 3 | 8.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 3 | 8.00 | 0.00 | 297.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 7 | 53.00 | 11.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 5 | 13.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 11.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

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 | | | | | 0.7383 | 0.0000 | 0.7383 | 0.1118 | 0.0000 | 0.1118 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.2950 | 22.6751 | 14.8943 | 0.0241 | | 1.2863 | 1.2863 | | 1.2017 | 1.2017 | | 2,360.7198 | 2,360.7198 | 0.6011 | | 2,375.7475 |
| Total | 2.2950 | 22.6751 | 14.8943 | 0.0241 | 0.7383 | 1.2863 | 2.0246 | 0.1118 | 1.2017 | 1.3135 | | 2,360.7198 | 2,360.7198 | 0.6011 | | 2,375.7475 |

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3.2 Demolition - 2019

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 | 0.0320 | 1.0414 | 0.2220 | 2.7200e-003 | 0.0594 | 3.8200e-003 | 0.0633 | 0.0163 | 3.6600e-003 | 0.0200 | | 293.9340 | 293.9340 | 0.0202 | | 294.4401 |
| 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 | 0.0649 | 0.0477 | 0.6268 | 1.5800e-003 | 0.1453 | 1.2500e-003 | 0.1466 | 0.0385 | 1.1500e-003 | 0.0397 | | 157.6839 | 157.6839 | 5.4200e-003 | | 157.8193 |
| Total | 0.0969 | 1.0891 | 0.8488 | 4.3000e-003 | 0.2048 | 5.0700e-003 | 0.2098 | 0.0548 | 4.8100e-003 | 0.0596 | | 451.6179 | 451.6179 | 0.0257 | | 452.2594 |

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 | | | | | 0.7383 | 0.0000 | 0.7383 | 0.1118 | 0.0000 | 0.1118 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.2950 | 22.6751 | 14.8943 | 0.0241 | | 1.2863 | 1.2863 | | 1.2017 | 1.2017 | 0.0000 | 2,360.7197 | 2,360.7197 | 0.6011 | | 2,375.7475 |
| Total | 2.2950 | 22.6751 | 14.8943 | 0.0241 | 0.7383 | 1.2863 | 2.0246 | 0.1118 | 1.2017 | 1.3135 | 0.0000 | 2,360.7197 | 2,360.7197 | 0.6011 | | 2,375.7475 |

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3.2 Demolition - 2019

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 | 0.0320 | 1.0414 | 0.2220 | 2.7200e-003 | 0.0594 | 3.8200e-003 | 0.0633 | 0.0163 | 3.6600e-003 | 0.0200 | | 293.9340 | 293.9340 | 0.0202 | | 294.4401 |
| 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 | 0.0649 | 0.0477 | 0.6268 | 1.5800e-003 | 0.1453 | 1.2500e-003 | 0.1466 | 0.0385 | 1.1500e-003 | 0.0397 | | 157.6839 | 157.6839 | 5.4200e-003 | | 157.8193 |
| Total | 0.0969 | 1.0891 | 0.8488 | 4.3000e-003 | 0.2048 | 5.0700e-003 | 0.2098 | 0.0548 | 4.8100e-003 | 0.0596 | | 451.6179 | 451.6179 | 0.0257 | | 452.2594 |

3.3 Site Preparation - 2019

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 | | | | | 5.7996 | 0.0000 | 5.7996 | 2.9537 | 0.0000 | 2.9537 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.7123 | 19.4821 | 7.8893 | 0.0172 | | 0.8824 | 0.8824 | | 0.8118 | 0.8118 | | 1,704.9189 | 1,704.9189 | 0.5394 | | 1,718.4044 |
| Total | 1.7123 | 19.4821 | 7.8893 | 0.0172 | 5.7996 | 0.8824 | 6.6819 | 2.9537 | 0.8118 | 3.7655 | | 1,704.9189 | 1,704.9189 | 0.5394 | | 1,718.4044 |

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3.3 Site Preparation - 2019

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 | 0.0400 | 0.0294 | 0.3857 | 9.7000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | | 97.0362 | 97.0362 | 3.3300e-003 | | 97.1196 |
| Total | 0.0400 | 0.0294 | 0.3857 | 9.7000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | | 97.0362 | 97.0362 | 3.3300e-003 | | 97.1196 |

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 | | | | | 5.7996 | 0.0000 | 5.7996 | 2.9537 | 0.0000 | 2.9537 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.7123 | 19.4821 | 7.8893 | 0.0172 | | 0.8824 | 0.8824 | | 0.8118 | 0.8118 | 0.0000 | 1,704.9189 | 1,704.9189 | 0.5394 | | 1,718.4044 |
| Total | 1.7123 | 19.4821 | 7.8893 | 0.0172 | 5.7996 | 0.8824 | 6.6819 | 2.9537 | 0.8118 | 3.7655 | 0.0000 | 1,704.9189 | 1,704.9189 | 0.5394 | | 1,718.4044 |

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3.3 Site Preparation - 2019

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 | 0.0400 | 0.0294 | 0.3857 | 9.7000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | | 97.0362 | 97.0362 | 3.3300e-003 | | 97.1196 |
| Total | 0.0400 | 0.0294 | 0.3857 | 9.7000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | | 97.0362 | 97.0362 | 3.3300e-003 | | 97.1196 |

3.4 Grading - 2019

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 | | | | | 4.9143 | 0.0000 | 4.9143 | 2.5256 | 0.0000 | 2.5256 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.4197 | 16.0357 | 6.6065 | 0.0141 | | 0.7365 | 0.7365 | | 0.6775 | 0.6775 | | 1,396.3909 | 1,396.3909 | 0.4418 | | 1,407.4359 |
| Total | 1.4197 | 16.0357 | 6.6065 | 0.0141 | 4.9143 | 0.7365 | 5.6507 | 2.5256 | 0.6775 | 3.2032 | | 1,396.3909 | 1,396.3909 | 0.4418 | | 1,407.4359 |

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3.4 Grading - 2019

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 | 0.6977 | 22.7415 | 4.8487 | 0.0593 | 1.2982 | 0.0835 | 1.3816 | 0.3558 | 0.0798 | 0.4357 | | 6,418.9998 | 6,418.9998 | 0.4421 | | 6,430.0515 |
| 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 | 0.0400 | 0.0294 | 0.3857 | 9.7000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | | 97.0362 | 97.0362 | 3.3300e-003 | | 97.1196 |
| Total | 0.7377 | 22.7709 | 5.2344 | 0.0603 | 1.3876 | 0.0842 | 1.4718 | 0.3796 | 0.0806 | 0.4601 | | 6,516.0360 | 6,516.0360 | 0.4454 | | 6,527.1711 |

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 | | | | | 4.9143 | 0.0000 | 4.9143 | 2.5256 | 0.0000 | 2.5256 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.4197 | 16.0357 | 6.6065 | 0.0141 | | 0.7365 | 0.7365 | | 0.6775 | 0.6775 | 0.0000 | 1,396.3909 | 1,396.3909 | 0.4418 | | 1,407.4359 |
| Total | 1.4197 | 16.0357 | 6.6065 | 0.0141 | 4.9143 | 0.7365 | 5.6507 | 2.5256 | 0.6775 | 3.2032 | 0.0000 | 1,396.3909 | 1,396.3909 | 0.4418 | | 1,407.4359 |

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3.4 Grading - 2019

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 | 0.6977 | 22.7415 | 4.8487 | 0.0593 | 1.2982 | 0.0835 | 1.3816 | 0.3558 | 0.0798 | 0.4357 | | 6,418.9998 | 6,418.9998 | 0.4421 | | 6,430.0515 |
| 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 | 0.0400 | 0.0294 | 0.3857 | 9.7000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | | 97.0362 | 97.0362 | 3.3300e-003 | | 97.1196 |
| Total | 0.7377 | 22.7709 | 5.2344 | 0.0603 | 1.3876 | 0.0842 | 1.4718 | 0.3796 | 0.0806 | 0.4601 | | 6,516.0360 | 6,516.0360 | 0.4454 | | 6,527.1711 |

3.5 Building Construction - 2019

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 | 2.2721 | 15.9802 | 13.4870 | 0.0220 | | 0.9158 | 0.9158 | | 0.8846 | 0.8846 | | 2,018.0224 | 2,018.0224 | 0.3879 | | 2,027.7210 |
| Total | 2.2721 | 15.9802 | 13.4870 | 0.0220 | | 0.9158 | 0.9158 | | 0.8846 | 0.8846 | | 2,018.0224 | 2,018.0224 | 0.3879 | | 2,027.7210 |

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2019

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 | 0.0457 | 1.2730 | 0.3378 | 2.8700e-003 | 0.0704 | 8.1200e-003 | 0.0785 | 0.0203 | 7.7600e-003 | 0.0280 | | 306.6961 | 306.6961 | 0.0197 | | 307.1874 |
| Worker | 0.2648 | 0.1946 | 2.5555 | 6.4600e-003 | 0.5924 | 5.1100e-003 | 0.5975 | 0.1571 | 4.7100e-003 | 0.1618 | | 642.8650 | 642.8650 | 0.0221 | | 643.4171 |
| Total | 0.3105 | 1.4676 | 2.8933 | 9.3300e-003 | 0.6628 | 0.0132 | 0.6761 | 0.1774 | 0.0125 | 0.1899 | | 949.5611 | 949.5611 | 0.0417 | | 950.6045 |

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 | 2.2721 | 15.9802 | 13.4870 | 0.0220 | | 0.9158 | 0.9158 | | 0.8846 | 0.8846 | 0.0000 | 2,018.0224 | 2,018.0224 | 0.3879 | | 2,027.7210 |
| Total | 2.2721 | 15.9802 | 13.4870 | 0.0220 | | 0.9158 | 0.9158 | | 0.8846 | 0.8846 | 0.0000 | 2,018.0224 | 2,018.0224 | 0.3879 | | 2,027.7210 |

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2019

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 | 0.0457 | 1.2730 | 0.3378 | 2.8700e-003 | 0.0704 | 8.1200e-003 | 0.0785 | 0.0203 | 7.7600e-003 | 0.0280 | | 306.6961 | 306.6961 | 0.0197 | | 307.1874 |
| Worker | 0.2648 | 0.1946 | 2.5555 | 6.4600e-003 | 0.5924 | 5.1100e-003 | 0.5975 | 0.1571 | 4.7100e-003 | 0.1618 | | 642.8650 | 642.8650 | 0.0221 | | 643.4171 |
| Total | 0.3105 | 1.4676 | 2.8933 | 9.3300e-003 | 0.6628 | 0.0132 | 0.6761 | 0.1774 | 0.0125 | 0.1899 | | 949.5611 | 949.5611 | 0.0417 | | 950.6045 |

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 | 2.0305 | 14.7882 | 13.1881 | 0.0220 | | 0.7960 | 0.7960 | | 0.7688 | 0.7688 | | 2,001.1595 | 2,001.1595 | 0.3715 | | 2,010.4467 |
| Total | 2.0305 | 14.7882 | 13.1881 | 0.0220 | | 0.7960 | 0.7960 | | 0.7688 | 0.7688 | | 2,001.1595 | 2,001.1595 | 0.3715 | | 2,010.4467 |

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

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 | 0.0391 | 1.1701 | 0.3066 | 2.8500e-003 | 0.0704 | 5.5100e-003 | 0.0759 | 0.0203 | 5.2700e-003 | 0.0255 | | 304.7272 | 304.7272 | 0.0186 | | 305.1921 |
| Worker | 0.2439 | 0.1735 | 2.3206 | 6.2600e-003 | 0.5924 | 4.9500e-003 | 0.5974 | 0.1571 | 4.5600e-003 | 0.1617 | | 623.3398 | 623.3398 | 0.0197 | | 623.8311 |
| Total | 0.2830 | 1.3436 | 2.6272 | 9.1100e-003 | 0.6628 | 0.0105 | 0.6733 | 0.1774 | 9.8300e-003 | 0.1872 | | 928.0670 | 928.0670 | 0.0383 | | 929.0232 |

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 | 2.0305 | 14.7882 | 13.1881 | 0.0220 | | 0.7960 | 0.7960 | | 0.7688 | 0.7688 | 0.0000 | 2,001.1595 | 2,001.1595 | 0.3715 | | 2,010.4467 |
| Total | 2.0305 | 14.7882 | 13.1881 | 0.0220 | | 0.7960 | 0.7960 | | 0.7688 | 0.7688 | 0.0000 | 2,001.1595 | 2,001.1595 | 0.3715 | | 2,010.4467 |

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

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 | 0.0391 | 1.1701 | 0.3066 | 2.8500e-003 | 0.0704 | 5.5100e-003 | 0.0759 | 0.0203 | 5.2700e-003 | 0.0255 | | 304.7272 | 304.7272 | 0.0186 | | 305.1921 |
| Worker | 0.2439 | 0.1735 | 2.3206 | 6.2600e-003 | 0.5924 | 4.9500e-003 | 0.5974 | 0.1571 | 4.5600e-003 | 0.1617 | | 623.3398 | 623.3398 | 0.0197 | | 623.8311 |
| Total | 0.2830 | 1.3436 | 2.6272 | 9.1100e-003 | 0.6628 | 0.0105 | 0.6733 | 0.1774 | 9.8300e-003 | 0.1872 | | 928.0670 | 928.0670 | 0.0383 | | 929.0232 |

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 | 0.8402 | 8.4514 | 8.8758 | 0.0135 | | 0.4695 | 0.4695 | | 0.4328 | 0.4328 | | 1,296.9461 | 1,296.9461 | 0.4111 | | 1,307.2246 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.8402 | 8.4514 | 8.8758 | 0.0135 | | 0.4695 | 0.4695 | | 0.4328 | 0.4328 | | 1,296.9461 | 1,296.9461 | 0.4111 | | 1,307.2246 |

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

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 | 0.0598 | 0.0426 | 0.5692 | 1.5400e-003 | 0.1453 | 1.2100e-003 | 0.1465 | 0.0385 | 1.1200e-003 | 0.0397 | | 152.8947 | 152.8947 | 4.8200e-003 | | 153.0152 |
| Total | 0.0598 | 0.0426 | 0.5692 | 1.5400e-003 | 0.1453 | 1.2100e-003 | 0.1465 | 0.0385 | 1.1200e-003 | 0.0397 | | 152.8947 | 152.8947 | 4.8200e-003 | | 153.0152 |

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 | 0.8402 | 8.4514 | 8.8758 | 0.0135 | | 0.4695 | 0.4695 | | 0.4328 | 0.4328 | 0.0000 | 1,296.9461 | 1,296.9461 | 0.4111 | | 1,307.2246 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.8402 | 8.4514 | 8.8758 | 0.0135 | | 0.4695 | 0.4695 | | 0.4328 | 0.4328 | 0.0000 | 1,296.9461 | 1,296.9461 | 0.4111 | | 1,307.2246 |

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

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 | 0.0598 | 0.0426 | 0.5692 | 1.5400e-003 | 0.1453 | 1.2100e-003 | 0.1465 | 0.0385 | 1.1200e-003 | 0.0397 | | 152.8947 | 152.8947 | 4.8200e-003 | | 153.0152 |
| Total | 0.0598 | 0.0426 | 0.5692 | 1.5400e-003 | 0.1453 | 1.2100e-003 | 0.1465 | 0.0385 | 1.1200e-003 | 0.0397 | | 152.8947 | 152.8947 | 4.8200e-003 | | 153.0152 |

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 | 34.7069 | | | | | 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 |
| Total | 34.9491 | 1.6838 | 1.8314 | 2.9700e-003 | | 0.1109 | 0.1109 | | 0.1109 | 0.1109 | | 281.4481 | 281.4481 | 0.0218 | | 281.9928 |

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

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 | 0.0506 | 0.0360 | 0.4816 | 1.3000e-003 | 0.1230 | 1.0300e-003 | 0.1240 | 0.0326 | 9.5000e-004 | 0.0336 | | 129.3724 | 129.3724 | 4.0800e-003 | | 129.4744 |
| Total | 0.0506 | 0.0360 | 0.4816 | 1.3000e-003 | 0.1230 | 1.0300e-003 | 0.1240 | 0.0326 | 9.5000e-004 | 0.0336 | | 129.3724 | 129.3724 | 4.0800e-003 | | 129.4744 |

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 | 34.7069 | | | | | 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 |
| Total | 34.9491 | 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 |

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

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 | 0.0506 | 0.0360 | 0.4816 | 1.3000e-003 | 0.1230 | 1.0300e-003 | 0.1240 | 0.0326 | 9.5000e-004 | 0.0336 | | 129.3724 | 129.3724 | 4.0800e-003 | | 129.4744 |
| Total | 0.0506 | 0.0360 | 0.4816 | 1.3000e-003 | 0.1230 | 1.0300e-003 | 0.1240 | 0.0326 | 9.5000e-004 | 0.0336 | | 129.3724 | 129.3724 | 4.0800e-003 | | 129.4744 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

La Canada Assisted Living - 1809 Verdugo Blvd - 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 | 0.3111 | 1.4628 | 4.2805 | 0.0139 | 1.0752 | 0.0139 | 1.0890 | 0.2878 | 0.0130 | 0.3008 | | 1,415.5395 | 1,415.5395 | 0.0767 | | 1,417.4577 |
| Unmitigated | 0.3111 | 1.4628 | 4.2805 | 0.0139 | 1.0752 | 0.0139 | 1.0890 | 0.2878 | 0.0130 | 0.3008 | | 1,415.5395 | 1,415.5395 | 0.0767 | | 1,417.4577 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------------------|-------------------------|----------|--------|-------------|------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Congregate Care (Assisted Living) | 147.96 | 118.80 | 131.76 | 483,459 | 483,459 |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Total | 147.96 | 118.80 | 131.76 | 483,459 | 483,459 |

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 |
| Enclosed Parking with Elevator | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

La Canada Assisted Living - 1809 Verdugo Blvd - Los Angeles-South Coast County, Summer

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Congregate Care (Assisted Living) | 0.547726 | 0.045437 | 0.201480 | 0.122768 | 0.016614 | 0.006090 | 0.019326 | 0.029174 | 0.002438 | 0.002359 | 0.005005 | 0.000677 | 0.000907 |
| Enclosed Parking with Elevator | 0.547726 | 0.045437 | 0.201480 | 0.122768 | 0.016614 | 0.006090 | 0.019326 | 0.029174 | 0.002438 | 0.002359 | 0.005005 | 0.000677 | 0.000907 |

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 | 0.0214 | 0.1827 | 0.0777 | 1.1700e-003 | | 0.0148 | 0.0148 | | 0.0148 | 0.0148 | | 233.1646 | 233.1646 | 4.4700e-003 | 4.2700e-003 | 234.5502 |
| NaturalGas Unmitigated | 0.0214 | 0.1827 | 0.0777 | 1.1700e-003 | | 0.0148 | 0.0148 | | 0.0148 | 0.0148 | | 233.1646 | 233.1646 | 4.4700e-003 | 4.2700e-003 | 234.5502 |

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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) | 1981.9 | 0.0214 | 0.1827 | 0.0777 | 1.1700e-003 | | 0.0148 | 0.0148 | | 0.0148 | 0.0148 | | 233.1646 | 233.1646 | 4.4700e-003 | 4.2700e-003 | 234.5502 |
| 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 |
| Total | | 0.0214 | 0.1827 | 0.0777 | 1.1700e-003 | | 0.0148 | 0.0148 | | 0.0148 | 0.0148 | | 233.1646 | 233.1646 | 4.4700e-003 | 4.2700e-003 | 234.5502 |

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) | 1.9819 | 0.0214 | 0.1827 | 0.0777 | 1.1700e-003 | | 0.0148 | 0.0148 | | 0.0148 | 0.0148 | | 233.1646 | 233.1646 | 4.4700e-003 | 4.2700e-003 | 234.5502 |
| 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 |
| Total | | 0.0214 | 0.1827 | 0.0777 | 1.1700e-003 | | 0.0148 | 0.0148 | | 0.0148 | 0.0148 | | 233.1646 | 233.1646 | 4.4700e-003 | 4.2700e-003 | 234.5502 |

6.0 Area Detail

6.1 Mitigation Measures Area

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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 | | | | | |
| Mitigated | 15.4624 | 1.1721 | 31.9351 | 0.0703 | | 4.1496 | 4.1496 | | 4.1496 | 4.1496 | 505.8136 | 980.0291 | 1,485.8426 | 1.5163 | 0.0343 | 1,533.9802 |
| Unmitigated | 15.4624 | 1.1721 | 31.9351 | 0.0703 | | 4.1496 | 4.1496 | | 4.1496 | 4.1496 | 505.8136 | 980.0291 | 1,485.8426 | 1.5163 | 0.0343 | 1,533.9802 |

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 | 0.0951 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 1.0809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Hearth | 14.1499 | 1.1204 | 27.4618 | 0.0701 | | 4.1250 | 4.1250 | | 4.1250 | 4.1250 | 505.8136 | 972.0000 | 1,477.8136 | 1.5084 | 0.0343 | 1,525.7551 |
| Landscaping | 0.1364 | 0.0517 | 4.4733 | 2.4000e-004 | | 0.0246 | 0.0246 | | 0.0246 | 0.0246 | | 8.0291 | 8.0291 | 7.8400e-003 | | 8.2251 |
| Total | 15.4624 | 1.1721 | 31.9351 | 0.0703 | | 4.1496 | 4.1496 | | 4.1496 | 4.1496 | 505.8136 | 980.0291 | 1,485.8426 | 1.5163 | 0.0343 | 1,533.9802 |

La Canada Assisted Living - 1809 Verdugo Blvd - 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 | 0.0951 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 1.0809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Hearth | 14.1499 | 1.1204 | 27.4618 | 0.0701 | | 4.1250 | 4.1250 | | 4.1250 | 4.1250 | 505.8136 | 972.0000 | 1,477.8136 | 1.5084 | 0.0343 | 1,525.7551 |
| Landscaping | 0.1364 | 0.0517 | 4.4733 | 2.4000e-004 | | 0.0246 | 0.0246 | | 0.0246 | 0.0246 | | 8.0291 | 8.0291 | 7.8400e-003 | | 8.2251 |
| Total | 15.4624 | 1.1721 | 31.9351 | 0.0703 | | 4.1496 | 4.1496 | | 4.1496 | 4.1496 | 505.8136 | 980.0291 | 1,485.8426 | 1.5163 | 0.0343 | 1,533.9802 |

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

La Canada Assisted Living - 1809 Verdugo Blvd - 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
