

## Glenview Terrace - Bay Area AQMD Air District, Annual

**Glenview Terrace**  
**Bay Area AQMD Air District, Annual****1.0 Project Characteristics**

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**1.1 Land Usage**

| Land Uses             | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------|-------|---------------|-------------|--------------------|------------|
| Single Family Housing | 29.00 | Dwelling Unit | 3.27        | 52,200.00          | 83         |

**1.2 Other Project Characteristics**

|                         |                                |                         |       |                           |       |
|-------------------------|--------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization            | Urban                          | Wind Speed (m/s)        | 2.2   | Precipitation Freq (Days) | 64    |
| Climate Zone            | 5                              |                         |       | Operational Year          | 2024  |
| Utility Company         | Pacific Gas & Electric Company |                         |       |                           |       |
| CO2 Intensity (lb/MWhr) | 245.88                         | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr)   | 0.006 |

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

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Project Characteristics - Updated co2 intensity factor per PG&E's RPS projections.

Land Use - updated lot acreage to match site plan.

Construction Phase - updating total days

Demolition -

Grading -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - Title 24 exceedance applied to reflect compliance with 2019 CBSC.

Vehicle Trips - Trip generation rate adjusted to match project-specific TIA.

Water Mitigation - Water conservation strategy applied to reflect compliance with 2019 CBSC and MWELO.

| Table Name           | Column Name    | Default Value | New Value  |
|----------------------|----------------|---------------|------------|
| tblConstructionPhase | NumDays        | 20.00         | 10.00      |
| tblConstructionPhase | NumDays        | 5.00          | 10.00      |
| tblConstructionPhase | NumDays        | 8.00          | 40.00      |
| tblConstructionPhase | NumDays        | 18.00         | 30.00      |
| tblConstructionPhase | NumDays        | 230.00        | 520.00     |
| tblConstructionPhase | NumDays        | 18.00         | 520.00     |
| tblConstructionPhase | PhaseEndDate   | 6/28/2021     | 6/14/2021  |
| tblConstructionPhase | PhaseEndDate   | 7/5/2021      | 6/28/2021  |
| tblConstructionPhase | PhaseEndDate   | 7/15/2021     | 8/23/2021  |
| tblConstructionPhase | PhaseEndDate   | 6/28/2022     | 10/4/2021  |
| tblConstructionPhase | PhaseEndDate   | 6/2/2022      | 10/2/2023  |
| tblConstructionPhase | PhaseEndDate   | 7/22/2022     | 10/16/2023 |
| tblConstructionPhase | PhaseStartDate | 6/29/2021     | 6/15/2021  |
| tblConstructionPhase | PhaseStartDate | 7/6/2021      | 6/29/2021  |
| tblConstructionPhase | PhaseStartDate | 6/3/2022      | 8/24/2021  |

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|                           |                    |           |            |
|---------------------------|--------------------|-----------|------------|
| tblConstructionPhase      | PhaseStartDate     | 7/16/2021 | 10/5/2021  |
| tblConstructionPhase      | PhaseStartDate     | 6/29/2022 | 10/19/2021 |
| tblGrading                | MaterialExported   | 0.00      | 8,200.00   |
| tblLandUse                | LotAcreage         | 9.42      | 3.27       |
| tblOffRoadEquipment       | UsageHours         | 7.00      | 8.00       |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35    | 245.88     |
| tblTripsAndVMT            | VendorTripNumber   | 3.00      | 0.00       |
| tblTripsAndVMT            | WorkerTripNumber   | 10.00     | 15.00      |
| tblTripsAndVMT            | WorkerTripNumber   | 2.00      | 18.00      |
| tblTripsAndVMT            | WorkerTripNumber   | 2.00      | 20.00      |
| tblVehicleTrips           | ST_TR              | 9.91      | 9.44       |
| tblVehicleTrips           | SU_TR              | 8.62      | 9.44       |
| tblVehicleTrips           | WD_TR              | 9.52      | 9.44       |

## 2.0 Emissions Summary

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**2.1 Overall Construction****Unmitigated Construction**

|         | ROG     | NOx     | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O    | CO2e       |
|---------|---------|---------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Year    | tons/yr |         |        |             |               |              |            |                |               |             | MT/yr    |            |            |        |        |            |
| 2021    | 0.4228  | 3.9525  | 2.7961 | 5.3200e-003 | 0.2769        | 0.1916       | 0.4685     | 0.1309         | 0.1773        | 0.3082      | 0.0000   | 469.5409   | 469.5409   | 0.1257 | 0.0000 | 472.6842   |
| 2022    | 1.2498  | 10.5177 | 8.6781 | 0.0159      | 0.1643        | 0.5116       | 0.6760     | 0.0418         | 0.4740        | 0.5158      | 0.0000   | 1,385.1364 | 1,385.1364 | 0.3930 | 0.0000 | 1,394.9607 |
| 2023    | 0.8738  | 7.0757  | 6.4898 | 0.0123      | 0.1282        | 0.3274       | 0.4556     | 0.0326         | 0.3034        | 0.3361      | 0.0000   | 1,070.1000 | 1,070.1000 | 0.3038 | 0.0000 | 1,077.6937 |
| Maximum | 1.2498  | 10.5177 | 8.6781 | 0.0159      | 0.2769        | 0.5116       | 0.6760     | 0.1309         | 0.4740        | 0.5158      | 0.0000   | 1,385.1364 | 1,385.1364 | 0.3930 | 0.0000 | 1,394.9607 |

**Mitigated Construction**

|         | ROG     | NOx     | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O    | CO2e       |
|---------|---------|---------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Year    | tons/yr |         |        |             |               |              |            |                |               |             | MT/yr    |            |            |        |        |            |
| 2021    | 0.4228  | 3.9525  | 2.7961 | 5.3200e-003 | 0.2769        | 0.1916       | 0.4685     | 0.1309         | 0.1773        | 0.3082      | 0.0000   | 469.5404   | 469.5404   | 0.1257 | 0.0000 | 472.6837   |
| 2022    | 1.2498  | 10.5177 | 8.6781 | 0.0159      | 0.1643        | 0.5116       | 0.6760     | 0.0418         | 0.4740        | 0.5158      | 0.0000   | 1,385.1348 | 1,385.1348 | 0.3930 | 0.0000 | 1,394.9591 |
| 2023    | 0.8738  | 7.0757  | 6.4898 | 0.0123      | 0.1282        | 0.3274       | 0.4556     | 0.0326         | 0.3034        | 0.3361      | 0.0000   | 1,070.0988 | 1,070.0988 | 0.3038 | 0.0000 | 1,077.6925 |
| Maximum | 1.2498  | 10.5177 | 8.6781 | 0.0159      | 0.2769        | 0.5116       | 0.6760     | 0.1309         | 0.4740        | 0.5158      | 0.0000   | 1,385.1348 | 1,385.1348 | 0.3930 | 0.0000 | 1,394.9591 |

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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 |

| Quarter | Start Date | End Date   | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|------------|----------------------------------------------|--------------------------------------------|
| 1       | 6-1-2021   | 8-31-2021  | 1.1168                                       | 1.1168                                     |
| 2       | 9-1-2021   | 11-30-2021 | 2.0163                                       | 2.0163                                     |
| 3       | 12-1-2021  | 2-28-2022  | 3.0875                                       | 3.0875                                     |
| 4       | 3-1-2022   | 5-31-2022  | 2.9744                                       | 2.9744                                     |
| 5       | 6-1-2022   | 8-31-2022  | 2.9739                                       | 2.9739                                     |
| 6       | 9-1-2022   | 11-30-2022 | 2.9425                                       | 2.9425                                     |
| 7       | 12-1-2022  | 2-28-2023  | 2.6662                                       | 2.6662                                     |
| 8       | 3-1-2023   | 5-31-2023  | 2.5934                                       | 2.5934                                     |
| 9       | 6-1-2023   | 8-31-2023  | 2.5930                                       | 2.5930                                     |
| 10      | 9-1-2023   | 9-30-2023  | 0.8456                                       | 0.8456                                     |
|         |            | Highest    | 3.0875                                       | 3.0875                                     |

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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     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr          |                 |                 |               |                    |                 |
| Area         | 0.4180        | 6.2300e-003   | 0.4638        | 5.2000e-004        |               | 0.0370        | 0.0370        |                | 0.0370        | 0.0370        | 3.6862         | 1.2568          | 4.9430          | 7.3000e-003   | 2.1000e-004        | 5.1884          |
| Energy       | 6.6200e-003   | 0.0566        | 0.0241        | 3.6000e-004        |               | 4.5700e-003   | 4.5700e-003   |                | 4.5700e-003   | 4.5700e-003   | 0.0000         | 91.3163         | 91.3163         | 4.3000e-003   | 1.8300e-003        | 91.9694         |
| Mobile       | 0.0585        | 0.2664        | 0.6617        | 2.5500e-003        | 0.2353        | 2.0800e-003   | 0.2374        | 0.0631         | 1.9400e-003   | 0.0651        | 0.0000         | 234.4404        | 234.4404        | 7.9800e-003   | 0.0000             | 234.6399        |
| Waste        |               |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 7.0763         | 0.0000          | 7.0763          | 0.4182        | 0.0000             | 17.5312         |
| Water        |               |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.5994         | 1.6053          | 2.2047          | 0.0618        | 1.4900e-003        | 4.1935          |
| <b>Total</b> | <b>0.4832</b> | <b>0.3292</b> | <b>1.1496</b> | <b>3.4300e-003</b> | <b>0.2353</b> | <b>0.0437</b> | <b>0.2790</b> | <b>0.0631</b>  | <b>0.0435</b> | <b>0.1067</b> | <b>11.3619</b> | <b>328.6188</b> | <b>339.9807</b> | <b>0.4995</b> | <b>3.5300e-003</b> | <b>353.5223</b> |

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**2.2 Overall Operational****Mitigated Operational**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O                | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|--------------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                 |                 |               |                    |                 |
| Area         | 0.2471        | 2.4800e-003   | 0.2152        | 1.0000e-005        |               | 1.1900e-003        | 1.1900e-003   |                | 1.1900e-003        | 1.1900e-003   | 0.0000        | 0.3517          | 0.3517          | 3.4000e-004   | 0.0000             | 0.3602          |
| Energy       | 6.1800e-003   | 0.0528        | 0.0225        | 3.4000e-004        |               | 4.2700e-003        | 4.2700e-003   |                | 4.2700e-003        | 4.2700e-003   | 0.0000        | 61.1966         | 61.1966         | 1.1700e-003   | 1.1200e-003        | 61.5602         |
| Mobile       | 0.0569        | 0.2565        | 0.6235        | 2.3600e-003        | 0.2168        | 1.9400e-003        | 0.2188        | 0.0582         | 1.8100e-003        | 0.0600        | 0.0000        | 217.4677        | 217.4677        | 7.5200e-003   | 0.0000             | 217.6558        |
| Waste        |               |               |               |                    |               | 0.0000             | 0.0000        |                | 0.0000             | 0.0000        | 7.0763        | 0.0000          | 7.0763          | 0.4182        | 0.0000             | 17.5312         |
| Water        |               |               |               |                    |               | 0.0000             | 0.0000        |                | 0.0000             | 0.0000        | 0.4796        | 1.2842          | 1.7638          | 0.0494        | 1.1900e-003        | 3.3548          |
| <b>Total</b> | <b>0.3102</b> | <b>0.3119</b> | <b>0.8612</b> | <b>2.7100e-003</b> | <b>0.2168</b> | <b>7.4000e-003</b> | <b>0.2242</b> | <b>0.0582</b>  | <b>7.2700e-003</b> | <b>0.0655</b> | <b>7.5558</b> | <b>280.3002</b> | <b>287.8560</b> | <b>0.4766</b> | <b>2.3100e-003</b> | <b>300.4622</b> |

|                          | ROG          | NOx         | CO           | SO2          | Fugitive PM10 | Exhaust PM10 | PM10 Total   | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total  | Bio- CO2     | NBio-CO2     | Total CO2    | CH4         | N2O          | CO2e         |
|--------------------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|
| <b>Percent Reduction</b> | <b>35.81</b> | <b>5.27</b> | <b>25.08</b> | <b>20.99</b> | <b>7.84</b>   | <b>83.06</b> | <b>19.62</b> | <b>7.84</b>    | <b>83.30</b>  | <b>38.65</b> | <b>33.50</b> | <b>14.70</b> | <b>15.33</b> | <b>4.58</b> | <b>34.56</b> | <b>15.01</b> |

**3.0 Construction Detail****Construction Phase**

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| Phase Number | Phase Name            | Phase Type            | Start Date | End Date   | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 6/1/2021   | 6/14/2021  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 6/15/2021  | 6/28/2021  | 5             | 10       |                   |
| 3            | Grading               | Grading               | 6/29/2021  | 8/23/2021  | 5             | 40       |                   |
| 4            | Building Construction | Building Construction | 10/5/2021  | 10/2/2023  | 5             | 520      |                   |
| 5            | Paving                | Paving                | 8/24/2021  | 10/4/2021  | 5             | 30       |                   |
| 6            | Architectural Coating | Architectural Coating | 10/19/2021 | 10/16/2023 | 5             | 520      |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20

Acres of Paving: 0

Residential Indoor: 105,705; Residential Outdoor: 35,235; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

### OffRoad Equipment

| Phase Name       | Offroad Equipment Type    | Amount | Usage Hours | Horse Power | Load Factor |
|------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition       | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Demolition       | Excavators                | 3      | 8.00        | 158         | 0.38        |
| Demolition       | Rubber Tired Dozers       | 2      | 8.00        | 247         | 0.40        |
| Site Preparation | Rubber Tired Dozers       | 3      | 8.00        | 247         | 0.40        |
| Site Preparation | Tractors/Loaders/Backhoes | 4      | 8.00        | 97          | 0.37        |
| Grading          | Excavators                | 1      | 8.00        | 158         | 0.38        |
| Grading          | Graders                   | 1      | 8.00        | 187         | 0.41        |
| Grading          | Rubber Tired Dozers       | 1      | 8.00        | 247         | 0.40        |
| Grading          | Tractors/Loaders/Backhoes | 3      | 8.00        | 97          | 0.37        |
| Paving           | Cement and Mortar Mixers  | 2      | 6.00        | 9           | 0.56        |



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|                       |                           |   |      |     |      |
|-----------------------|---------------------------|---|------|-----|------|
| Paving                | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Paving                | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Paving                | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Paving                | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Building Construction | Cranes                    | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Building Construction | Forklifts                 | 3 | 8.00 | 89  | 0.20 |
| Building Construction | Generator Sets            | 1 | 8.00 | 84  | 0.74 |
| Building Construction | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Building Construction | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97  | 0.37 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Building Construction | Welders                   | 1 | 8.00 | 46  | 0.45 |
| Architectural Coating | Air Compressors           | 1 | 6.00 | 78  | 0.48 |
| Architectural Coating | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Architectural Coating | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Architectural Coating | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Architectural Coating | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Architectural Coating | Rubber Tired Dozers       | 3 | 8.00 | 247 | 0.40 |
| Architectural Coating | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Architectural Coating | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |

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            | 6                       | 15.00              | 0.00               | 36.00               | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 6                       | 15.00              | 0.00               | 1,025.00            | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 8                       | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 15.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 10.00              | 3.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 2.00               | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

## 3.1 Mitigation Measures Construction

## 3.2 Demolition - 2021

Unmitigated Construction On-Site

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |                    |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Fugitive Dust |               |               |               |                    | 3.9400e-003        | 0.0000             | 3.9400e-003   | 6.0000e-004        | 0.0000             | 6.0000e-004        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      | 0.0158        | 0.1572        | 0.1078        | 1.9000e-004        |                    | 7.7600e-003        | 7.7600e-003   |                    | 7.2100e-003        | 7.2100e-003        | 0.0000        | 17.0004        | 17.0004        | 4.7800e-003        | 0.0000        | 17.1200        |
| <b>Total</b>  | <b>0.0158</b> | <b>0.1572</b> | <b>0.1078</b> | <b>1.9000e-004</b> | <b>3.9400e-003</b> | <b>7.7600e-003</b> | <b>0.0117</b> | <b>6.0000e-004</b> | <b>7.2100e-003</b> | <b>7.8100e-003</b> | <b>0.0000</b> | <b>17.0004</b> | <b>17.0004</b> | <b>4.7800e-003</b> | <b>0.0000</b> | <b>17.1200</b> |

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**3.2 Demolition - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 1.4000e-004        | 4.8600e-003        | 1.0400e-003        | 1.0000e-005        | 3.0000e-004        | 2.0000e-005        | 3.2000e-004        | 8.0000e-005        | 1.0000e-005        | 1.0000e-004        | 0.0000        | 1.3618        | 1.3618        | 7.0000e-005        | 0.0000        | 1.3635        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.3000e-004        | 1.6000e-004        | 1.6800e-003        | 1.0000e-005        | 5.9000e-004        | 0.0000             | 6.0000e-004        | 1.6000e-004        | 0.0000             | 1.6000e-004        | 0.0000        | 0.5010        | 0.5010        | 1.0000e-005        | 0.0000        | 0.5013        |
| <b>Total</b> | <b>3.7000e-004</b> | <b>5.0200e-003</b> | <b>2.7200e-003</b> | <b>2.0000e-005</b> | <b>8.9000e-004</b> | <b>2.0000e-005</b> | <b>9.2000e-004</b> | <b>2.4000e-004</b> | <b>1.0000e-005</b> | <b>2.6000e-004</b> | <b>0.0000</b> | <b>1.8628</b> | <b>1.8628</b> | <b>8.0000e-005</b> | <b>0.0000</b> | <b>1.8648</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |                    |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Fugitive Dust |               |               |               |                    | 3.9400e-003        | 0.0000             | 3.9400e-003   | 6.0000e-004        | 0.0000             | 6.0000e-004        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      | 0.0158        | 0.1572        | 0.1078        | 1.9000e-004        |                    | 7.7600e-003        | 7.7600e-003   |                    | 7.2100e-003        | 7.2100e-003        | 0.0000        | 17.0004        | 17.0004        | 4.7800e-003        | 0.0000        | 17.1200        |
| <b>Total</b>  | <b>0.0158</b> | <b>0.1572</b> | <b>0.1078</b> | <b>1.9000e-004</b> | <b>3.9400e-003</b> | <b>7.7600e-003</b> | <b>0.0117</b> | <b>6.0000e-004</b> | <b>7.2100e-003</b> | <b>7.8100e-003</b> | <b>0.0000</b> | <b>17.0004</b> | <b>17.0004</b> | <b>4.7800e-003</b> | <b>0.0000</b> | <b>17.1200</b> |

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**3.2 Demolition - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 1.4000e-004        | 4.8600e-003        | 1.0400e-003        | 1.0000e-005        | 3.0000e-004        | 2.0000e-005        | 3.2000e-004        | 8.0000e-005        | 1.0000e-005        | 1.0000e-004        | 0.0000        | 1.3618        | 1.3618        | 7.0000e-005        | 0.0000        | 1.3635        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.3000e-004        | 1.6000e-004        | 1.6800e-003        | 1.0000e-005        | 5.9000e-004        | 0.0000             | 6.0000e-004        | 1.6000e-004        | 0.0000             | 1.6000e-004        | 0.0000        | 0.5010        | 0.5010        | 1.0000e-005        | 0.0000        | 0.5013        |
| <b>Total</b> | <b>3.7000e-004</b> | <b>5.0200e-003</b> | <b>2.7200e-003</b> | <b>2.0000e-005</b> | <b>8.9000e-004</b> | <b>2.0000e-005</b> | <b>9.2000e-004</b> | <b>2.4000e-004</b> | <b>1.0000e-005</b> | <b>2.6000e-004</b> | <b>0.0000</b> | <b>1.8628</b> | <b>1.8628</b> | <b>8.0000e-005</b> | <b>0.0000</b> | <b>1.8648</b> |

**3.3 Site Preparation - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Fugitive Dust |               |               |               |                    | 0.0903        | 0.0000        | 0.0903        | 0.0497         | 0.0000             | 0.0497        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      | 0.0194        | 0.2025        | 0.1058        | 1.9000e-004        |               | 0.0102        | 0.0102        |                | 9.4000e-003        | 9.4000e-003   | 0.0000        | 16.7179        | 16.7179        | 5.4100e-003        | 0.0000        | 16.8530        |
| <b>Total</b>  | <b>0.0194</b> | <b>0.2025</b> | <b>0.1058</b> | <b>1.9000e-004</b> | <b>0.0903</b> | <b>0.0102</b> | <b>0.1006</b> | <b>0.0497</b>  | <b>9.4000e-003</b> | <b>0.0591</b> | <b>0.0000</b> | <b>16.7179</b> | <b>16.7179</b> | <b>5.4100e-003</b> | <b>0.0000</b> | <b>16.8530</b> |

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**3.3 Site Preparation - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10  | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |               |                    |                    |               |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.8000e-004        | 1.9000e-004        | 2.0200e-003        | 1.0000e-005        | 7.1000e-004        | 0.0000        | 7.2000e-004        | 1.9000e-004        | 0.0000        | 1.9000e-004        | 0.0000        | 0.6012        | 0.6012        | 1.0000e-005        | 0.0000        | 0.6015        |
| <b>Total</b> | <b>2.8000e-004</b> | <b>1.9000e-004</b> | <b>2.0200e-003</b> | <b>1.0000e-005</b> | <b>7.1000e-004</b> | <b>0.0000</b> | <b>7.2000e-004</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>0.6012</b> | <b>0.6012</b> | <b>1.0000e-005</b> | <b>0.0000</b> | <b>0.6015</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Fugitive Dust |               |               |               |                    | 0.0903        | 0.0000        | 0.0903        | 0.0497         | 0.0000             | 0.0497        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      | 0.0194        | 0.2025        | 0.1058        | 1.9000e-004        |               | 0.0102        | 0.0102        |                | 9.4000e-003        | 9.4000e-003   | 0.0000        | 16.7178        | 16.7178        | 5.4100e-003        | 0.0000        | 16.8530        |
| <b>Total</b>  | <b>0.0194</b> | <b>0.2025</b> | <b>0.1058</b> | <b>1.9000e-004</b> | <b>0.0903</b> | <b>0.0102</b> | <b>0.1006</b> | <b>0.0497</b>  | <b>9.4000e-003</b> | <b>0.0591</b> | <b>0.0000</b> | <b>16.7178</b> | <b>16.7178</b> | <b>5.4100e-003</b> | <b>0.0000</b> | <b>16.8530</b> |

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**3.3 Site Preparation - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10  | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |               |                    |                    |               |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.8000e-004        | 1.9000e-004        | 2.0200e-003        | 1.0000e-005        | 7.1000e-004        | 0.0000        | 7.2000e-004        | 1.9000e-004        | 0.0000        | 1.9000e-004        | 0.0000        | 0.6012        | 0.6012        | 1.0000e-005        | 0.0000        | 0.6015        |
| <b>Total</b> | <b>2.8000e-004</b> | <b>1.9000e-004</b> | <b>2.0200e-003</b> | <b>1.0000e-005</b> | <b>7.1000e-004</b> | <b>0.0000</b> | <b>7.2000e-004</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>0.6012</b> | <b>0.6012</b> | <b>1.0000e-005</b> | <b>0.0000</b> | <b>0.6015</b> |

**3.4 Grading - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.1315        | 0.0000        | 0.1315        | 0.0674         | 0.0000        | 0.0674        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0458        | 0.4947        | 0.3172        | 5.9000e-004        |               | 0.0232        | 0.0232        |                | 0.0213        | 0.0213        | 0.0000        | 52.1074        | 52.1074        | 0.0169        | 0.0000        | 52.5287        |
| <b>Total</b>  | <b>0.0458</b> | <b>0.4947</b> | <b>0.3172</b> | <b>5.9000e-004</b> | <b>0.1315</b> | <b>0.0232</b> | <b>0.1547</b> | <b>0.0674</b>  | <b>0.0213</b> | <b>0.0888</b> | <b>0.0000</b> | <b>52.1074</b> | <b>52.1074</b> | <b>0.0169</b> | <b>0.0000</b> | <b>52.5287</b> |

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**3.4 Grading - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |               |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 4.0400e-003        | 0.1383        | 0.0295        | 4.0000e-004        | 8.6600e-003   | 4.3000e-004        | 9.0900e-003   | 2.3800e-003        | 4.1000e-004        | 2.7900e-003        | 0.0000        | 38.7728        | 38.7728        | 1.9800e-003        | 0.0000        | 38.8223        |
| Vendor       | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 9.2000e-004        | 6.4000e-004   | 6.7300e-003   | 2.0000e-005        | 2.3700e-003   | 2.0000e-005        | 2.3900e-003   | 6.3000e-004        | 1.0000e-005        | 6.4000e-004        | 0.0000        | 2.0040         | 2.0040         | 4.0000e-005        | 0.0000        | 2.0051         |
| <b>Total</b> | <b>4.9600e-003</b> | <b>0.1390</b> | <b>0.0362</b> | <b>4.2000e-004</b> | <b>0.0110</b> | <b>4.5000e-004</b> | <b>0.0115</b> | <b>3.0100e-003</b> | <b>4.2000e-004</b> | <b>3.4300e-003</b> | <b>0.0000</b> | <b>40.7768</b> | <b>40.7768</b> | <b>2.0200e-003</b> | <b>0.0000</b> | <b>40.8274</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.1315        | 0.0000        | 0.1315        | 0.0674         | 0.0000        | 0.0674        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0458        | 0.4947        | 0.3172        | 5.9000e-004        |               | 0.0232        | 0.0232        |                | 0.0213        | 0.0213        | 0.0000        | 52.1073        | 52.1073        | 0.0169        | 0.0000        | 52.5287        |
| <b>Total</b>  | <b>0.0458</b> | <b>0.4947</b> | <b>0.3172</b> | <b>5.9000e-004</b> | <b>0.1315</b> | <b>0.0232</b> | <b>0.1547</b> | <b>0.0674</b>  | <b>0.0213</b> | <b>0.0888</b> | <b>0.0000</b> | <b>52.1073</b> | <b>52.1073</b> | <b>0.0169</b> | <b>0.0000</b> | <b>52.5287</b> |

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**3.4 Grading - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |               |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 4.0400e-003        | 0.1383        | 0.0295        | 4.0000e-004        | 8.6600e-003   | 4.3000e-004        | 9.0900e-003   | 2.3800e-003        | 4.1000e-004        | 2.7900e-003        | 0.0000        | 38.7728        | 38.7728        | 1.9800e-003        | 0.0000        | 38.8223        |
| Vendor       | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 9.2000e-004        | 6.4000e-004   | 6.7300e-003   | 2.0000e-005        | 2.3700e-003   | 2.0000e-005        | 2.3900e-003   | 6.3000e-004        | 1.0000e-005        | 6.4000e-004        | 0.0000        | 2.0040         | 2.0040         | 4.0000e-005        | 0.0000        | 2.0051         |
| <b>Total</b> | <b>4.9600e-003</b> | <b>0.1390</b> | <b>0.0362</b> | <b>4.2000e-004</b> | <b>0.0110</b> | <b>4.5000e-004</b> | <b>0.0115</b> | <b>3.0100e-003</b> | <b>4.2000e-004</b> | <b>3.4300e-003</b> | <b>0.0000</b> | <b>40.7768</b> | <b>40.7768</b> | <b>2.0200e-003</b> | <b>0.0000</b> | <b>40.8274</b> |

**3.5 Building Construction - 2021****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.1341        | 1.3494        | 1.0379        | 1.8100e-003        |               | 0.0678        | 0.0678        |                | 0.0630        | 0.0630        | 0.0000        | 157.4958        | 157.4958        | 0.0449        | 0.0000        | 158.6169        |
| <b>Total</b> | <b>0.1341</b> | <b>1.3494</b> | <b>1.0379</b> | <b>1.8100e-003</b> |               | <b>0.0678</b> | <b>0.0678</b> |                | <b>0.0630</b> | <b>0.0630</b> | <b>0.0000</b> | <b>157.4958</b> | <b>157.4958</b> | <b>0.0449</b> | <b>0.0000</b> | <b>158.6169</b> |



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**3.5 Building Construction - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |               |               |                    |               |                    |               |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 3.0000e-004        | 0.0100        | 2.5000e-003   | 3.0000e-005        | 1.0700e-003   | 2.0000e-005        | 1.0900e-003   | 2.9000e-004        | 2.0000e-005        | 3.1000e-004        | 0.0000        | 2.4897        | 2.4897        | 1.2000e-004        | 0.0000        | 2.4928        |
| Worker       | 2.4600e-003        | 1.6900e-003   | 0.0179        | 6.0000e-005        | 0.0118        | 4.0000e-005        | 0.0118        | 3.0200e-003        | 4.0000e-005        | 3.0600e-003        | 0.0000        | 5.3439        | 5.3439        | 1.2000e-004        | 0.0000        | 5.3469        |
| <b>Total</b> | <b>2.7600e-003</b> | <b>0.0117</b> | <b>0.0204</b> | <b>9.0000e-005</b> | <b>0.0129</b> | <b>6.0000e-005</b> | <b>0.0129</b> | <b>3.3100e-003</b> | <b>6.0000e-005</b> | <b>3.3700e-003</b> | <b>0.0000</b> | <b>7.8336</b> | <b>7.8336</b> | <b>2.4000e-004</b> | <b>0.0000</b> | <b>7.8397</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.1341        | 1.3494        | 1.0378        | 1.8100e-003        |               | 0.0678        | 0.0678        |                | 0.0630        | 0.0630        | 0.0000        | 157.4956        | 157.4956        | 0.0449        | 0.0000        | 158.6168        |
| <b>Total</b> | <b>0.1341</b> | <b>1.3494</b> | <b>1.0378</b> | <b>1.8100e-003</b> |               | <b>0.0678</b> | <b>0.0678</b> |                | <b>0.0630</b> | <b>0.0630</b> | <b>0.0000</b> | <b>157.4956</b> | <b>157.4956</b> | <b>0.0449</b> | <b>0.0000</b> | <b>158.6168</b> |

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**3.5 Building Construction - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |               |               |                    |               |                    |               |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 3.0000e-004        | 0.0100        | 2.5000e-003   | 3.0000e-005        | 1.0700e-003   | 2.0000e-005        | 1.0900e-003   | 2.9000e-004        | 2.0000e-005        | 3.1000e-004        | 0.0000        | 2.4897        | 2.4897        | 1.2000e-004        | 0.0000        | 2.4928        |
| Worker       | 2.4600e-003        | 1.6900e-003   | 0.0179        | 6.0000e-005        | 0.0118        | 4.0000e-005        | 0.0118        | 3.0200e-003        | 4.0000e-005        | 3.0600e-003        | 0.0000        | 5.3439        | 5.3439        | 1.2000e-004        | 0.0000        | 5.3469        |
| <b>Total</b> | <b>2.7600e-003</b> | <b>0.0117</b> | <b>0.0204</b> | <b>9.0000e-005</b> | <b>0.0129</b> | <b>6.0000e-005</b> | <b>0.0129</b> | <b>3.3100e-003</b> | <b>6.0000e-005</b> | <b>3.3700e-003</b> | <b>0.0000</b> | <b>7.8336</b> | <b>7.8336</b> | <b>2.4000e-004</b> | <b>0.0000</b> | <b>7.8397</b> |

**3.5 Building Construction - 2022****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.4751        | 4.7412        | 4.1127        | 7.3600e-003        |               | 0.2275        | 0.2275        |                | 0.2115        | 0.2115        | 0.0000        | 639.9548        | 639.9548        | 0.1817        | 0.0000        | 644.4977        |
| <b>Total</b> | <b>0.4751</b> | <b>4.7412</b> | <b>4.1127</b> | <b>7.3600e-003</b> |               | <b>0.2275</b> | <b>0.2275</b> |                | <b>0.2115</b> | <b>0.2115</b> | <b>0.0000</b> | <b>639.9548</b> | <b>639.9548</b> | <b>0.1817</b> | <b>0.0000</b> | <b>644.4977</b> |

## Glenview Terrace - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 1.1500e-003   | 0.0386        | 9.5600e-003   | 1.0000e-004        | 4.3600e-003   | 8.0000e-005        | 4.4300e-003   | 1.1800e-003    | 7.0000e-005        | 1.2500e-003   | 0.0000        | 10.0152        | 10.0152        | 4.8000e-004        | 0.0000        | 10.0271        |
| Worker       | 9.3000e-003   | 6.1700e-003   | 0.0670        | 2.3000e-004        | 0.0479        | 1.6000e-004        | 0.0480        | 0.0123         | 1.5000e-004        | 0.0124        | 0.0000        | 20.9138        | 20.9138        | 4.4000e-004        | 0.0000        | 20.9247        |
| <b>Total</b> | <b>0.0105</b> | <b>0.0448</b> | <b>0.0766</b> | <b>3.3000e-004</b> | <b>0.0522</b> | <b>2.4000e-004</b> | <b>0.0525</b> | <b>0.0135</b>  | <b>2.2000e-004</b> | <b>0.0137</b> | <b>0.0000</b> | <b>30.9290</b> | <b>30.9290</b> | <b>9.2000e-004</b> | <b>0.0000</b> | <b>30.9518</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.4751        | 4.7412        | 4.1127        | 7.3600e-003        |               | 0.2275        | 0.2275        |                | 0.2115        | 0.2115        | 0.0000        | 639.9540        | 639.9540        | 0.1817        | 0.0000        | 644.4969        |
| <b>Total</b> | <b>0.4751</b> | <b>4.7412</b> | <b>4.1127</b> | <b>7.3600e-003</b> |               | <b>0.2275</b> | <b>0.2275</b> |                | <b>0.2115</b> | <b>0.2115</b> | <b>0.0000</b> | <b>639.9540</b> | <b>639.9540</b> | <b>0.1817</b> | <b>0.0000</b> | <b>644.4969</b> |

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**3.5 Building Construction - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 1.1500e-003   | 0.0386        | 9.5600e-003   | 1.0000e-004        | 4.3600e-003   | 8.0000e-005        | 4.4300e-003   | 1.1800e-003    | 7.0000e-005        | 1.2500e-003   | 0.0000        | 10.0152        | 10.0152        | 4.8000e-004        | 0.0000        | 10.0271        |
| Worker       | 9.3000e-003   | 6.1700e-003   | 0.0670        | 2.3000e-004        | 0.0479        | 1.6000e-004        | 0.0480        | 0.0123         | 1.5000e-004        | 0.0124        | 0.0000        | 20.9138        | 20.9138        | 4.4000e-004        | 0.0000        | 20.9247        |
| <b>Total</b> | <b>0.0105</b> | <b>0.0448</b> | <b>0.0766</b> | <b>3.3000e-004</b> | <b>0.0522</b> | <b>2.4000e-004</b> | <b>0.0525</b> | <b>0.0135</b>  | <b>2.2000e-004</b> | <b>0.0137</b> | <b>0.0000</b> | <b>30.9290</b> | <b>30.9290</b> | <b>9.2000e-004</b> | <b>0.0000</b> | <b>30.9518</b> |

**3.5 Building Construction - 2023****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.3218        | 3.1674        | 3.0375        | 5.5500e-003        |               | 0.1445        | 0.1445        |                | 0.1344        | 0.1344        | 0.0000        | 482.5627        | 482.5627        | 0.1366        | 0.0000        | 485.9787        |
| <b>Total</b> | <b>0.3218</b> | <b>3.1674</b> | <b>3.0375</b> | <b>5.5500e-003</b> |               | <b>0.1445</b> | <b>0.1445</b> |                | <b>0.1344</b> | <b>0.1344</b> | <b>0.0000</b> | <b>482.5627</b> | <b>482.5627</b> | <b>0.1366</b> | <b>0.0000</b> | <b>485.9787</b> |

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**3.5 Building Construction - 2023****Unmitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 6.5000e-004        | 0.0224        | 6.4500e-003   | 8.0000e-005        | 3.2800e-003   | 3.0000e-005        | 3.3100e-003   | 8.9000e-004    | 2.0000e-005        | 9.2000e-004   | 0.0000        | 7.3384         | 7.3384         | 3.1000e-004        | 0.0000        | 7.3460         |
| Worker       | 6.5500e-003        | 4.1800e-003   | 0.0465        | 1.7000e-004        | 0.0361        | 1.2000e-004        | 0.0362        | 9.2600e-003    | 1.1000e-004        | 9.3700e-003   | 0.0000        | 15.1620        | 15.1620        | 2.9000e-004        | 0.0000        | 15.1694        |
| <b>Total</b> | <b>7.2000e-003</b> | <b>0.0266</b> | <b>0.0529</b> | <b>2.5000e-004</b> | <b>0.0394</b> | <b>1.5000e-004</b> | <b>0.0395</b> | <b>0.0102</b>  | <b>1.3000e-004</b> | <b>0.0103</b> | <b>0.0000</b> | <b>22.5003</b> | <b>22.5003</b> | <b>6.0000e-004</b> | <b>0.0000</b> | <b>22.5153</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.3218        | 3.1674        | 3.0375        | 5.5500e-003        |               | 0.1445        | 0.1445        |                | 0.1344        | 0.1344        | 0.0000        | 482.5621        | 482.5621        | 0.1366        | 0.0000        | 485.9781        |
| <b>Total</b> | <b>0.3218</b> | <b>3.1674</b> | <b>3.0375</b> | <b>5.5500e-003</b> |               | <b>0.1445</b> | <b>0.1445</b> |                | <b>0.1344</b> | <b>0.1344</b> | <b>0.0000</b> | <b>482.5621</b> | <b>482.5621</b> | <b>0.1366</b> | <b>0.0000</b> | <b>485.9781</b> |

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**3.5 Building Construction - 2023****Mitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 6.5000e-004        | 0.0224        | 6.4500e-003   | 8.0000e-005        | 3.2800e-003   | 3.0000e-005        | 3.3100e-003   | 8.9000e-004    | 2.0000e-005        | 9.2000e-004   | 0.0000        | 7.3384         | 7.3384         | 3.1000e-004        | 0.0000        | 7.3460         |
| Worker       | 6.5500e-003        | 4.1800e-003   | 0.0465        | 1.7000e-004        | 0.0361        | 1.2000e-004        | 0.0362        | 9.2600e-003    | 1.1000e-004        | 9.3700e-003   | 0.0000        | 15.1620        | 15.1620        | 2.9000e-004        | 0.0000        | 15.1694        |
| <b>Total</b> | <b>7.2000e-003</b> | <b>0.0266</b> | <b>0.0529</b> | <b>2.5000e-004</b> | <b>0.0394</b> | <b>1.5000e-004</b> | <b>0.0395</b> | <b>0.0102</b>  | <b>1.3000e-004</b> | <b>0.0103</b> | <b>0.0000</b> | <b>22.5003</b> | <b>22.5003</b> | <b>6.0000e-004</b> | <b>0.0000</b> | <b>22.5153</b> |

**3.6 Paving - 2021****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 0.0164        | 0.1626        | 0.1839        | 2.8000e-004        |               | 8.6800e-003        | 8.6800e-003        |                | 8.0100e-003        | 8.0100e-003        | 0.0000        | 24.5559        | 24.5559        | 7.7200e-003        | 0.0000        | 24.7488        |
| Paving       | 0.0000        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>0.0164</b> | <b>0.1626</b> | <b>0.1839</b> | <b>2.8000e-004</b> |               | <b>8.6800e-003</b> | <b>8.6800e-003</b> |                | <b>8.0100e-003</b> | <b>8.0100e-003</b> | <b>0.0000</b> | <b>24.5559</b> | <b>24.5559</b> | <b>7.7200e-003</b> | <b>0.0000</b> | <b>24.7488</b> |

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**3.6 Paving - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 9.2000e-004        | 6.4000e-004        | 6.7300e-003        | 2.0000e-005        | 2.3700e-003        | 2.0000e-005        | 2.3900e-003        | 6.3000e-004        | 1.0000e-005        | 6.4000e-004        | 0.0000        | 2.0040        | 2.0040        | 4.0000e-005        | 0.0000        | 2.0051        |
| <b>Total</b> | <b>9.2000e-004</b> | <b>6.4000e-004</b> | <b>6.7300e-003</b> | <b>2.0000e-005</b> | <b>2.3700e-003</b> | <b>2.0000e-005</b> | <b>2.3900e-003</b> | <b>6.3000e-004</b> | <b>1.0000e-005</b> | <b>6.4000e-004</b> | <b>0.0000</b> | <b>2.0040</b> | <b>2.0040</b> | <b>4.0000e-005</b> | <b>0.0000</b> | <b>2.0051</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 0.0164        | 0.1626        | 0.1839        | 2.8000e-004        |               | 8.6800e-003        | 8.6800e-003        |                | 8.0100e-003        | 8.0100e-003        | 0.0000        | 24.5559        | 24.5559        | 7.7200e-003        | 0.0000        | 24.7488        |
| Paving       | 0.0000        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>0.0164</b> | <b>0.1626</b> | <b>0.1839</b> | <b>2.8000e-004</b> |               | <b>8.6800e-003</b> | <b>8.6800e-003</b> |                | <b>8.0100e-003</b> | <b>8.0100e-003</b> | <b>0.0000</b> | <b>24.5559</b> | <b>24.5559</b> | <b>7.7200e-003</b> | <b>0.0000</b> | <b>24.7488</b> |

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**3.6 Paving - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 9.2000e-004        | 6.4000e-004        | 6.7300e-003        | 2.0000e-005        | 2.3700e-003        | 2.0000e-005        | 2.3900e-003        | 6.3000e-004        | 1.0000e-005        | 6.4000e-004        | 0.0000        | 2.0040        | 2.0040        | 4.0000e-005        | 0.0000        | 2.0051        |
| <b>Total</b> | <b>9.2000e-004</b> | <b>6.4000e-004</b> | <b>6.7300e-003</b> | <b>2.0000e-005</b> | <b>2.3700e-003</b> | <b>2.0000e-005</b> | <b>2.3900e-003</b> | <b>6.3000e-004</b> | <b>1.0000e-005</b> | <b>6.4000e-004</b> | <b>0.0000</b> | <b>2.0040</b> | <b>2.0040</b> | <b>4.0000e-005</b> | <b>0.0000</b> | <b>2.0051</b> |

**3.7 Architectural Coating - 2021****Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Archit. Coating | 0.0382        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road        | 0.1404        | 1.4273        | 0.9513        | 1.6200e-003        |               | 0.0734        | 0.0734        |                | 0.0678        | 0.0678        | 0.0000        | 141.3709        | 141.3709        | 0.0436        | 0.0000        | 142.4599        |
| <b>Total</b>    | <b>0.1786</b> | <b>1.4273</b> | <b>0.9513</b> | <b>1.6200e-003</b> |               | <b>0.0734</b> | <b>0.0734</b> |                | <b>0.0678</b> | <b>0.0678</b> | <b>0.0000</b> | <b>141.3709</b> | <b>141.3709</b> | <b>0.0436</b> | <b>0.0000</b> | <b>142.4599</b> |



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**3.7 Architectural Coating - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |               |                    |               |                    |               |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 3.3100e-003        | 2.2900e-003        | 0.0242        | 8.0000e-005        | 0.0233        | 6.0000e-005        | 0.0233        | 5.8900e-003        | 5.0000e-005        | 5.9400e-003        | 0.0000        | 7.2143        | 7.2143        | 1.6000e-004        | 0.0000        | 7.2183        |
| <b>Total</b> | <b>3.3100e-003</b> | <b>2.2900e-003</b> | <b>0.0242</b> | <b>8.0000e-005</b> | <b>0.0233</b> | <b>6.0000e-005</b> | <b>0.0233</b> | <b>5.8900e-003</b> | <b>5.0000e-005</b> | <b>5.9400e-003</b> | <b>0.0000</b> | <b>7.2143</b> | <b>7.2143</b> | <b>1.6000e-004</b> | <b>0.0000</b> | <b>7.2183</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Archit. Coating | 0.0382        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road        | 0.1404        | 1.4273        | 0.9513        | 1.6200e-003        |               | 0.0734        | 0.0734        |                | 0.0678        | 0.0678        | 0.0000        | 141.3707        | 141.3707        | 0.0436        | 0.0000        | 142.4597        |
| <b>Total</b>    | <b>0.1786</b> | <b>1.4273</b> | <b>0.9513</b> | <b>1.6200e-003</b> |               | <b>0.0734</b> | <b>0.0734</b> |                | <b>0.0678</b> | <b>0.0678</b> | <b>0.0000</b> | <b>141.3707</b> | <b>141.3707</b> | <b>0.0436</b> | <b>0.0000</b> | <b>142.4597</b> |

## Glenview Terrace - Bay Area AQMD Air District, Annual

**3.7 Architectural Coating - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |               |                    |               |                    |               |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 3.3100e-003        | 2.2900e-003        | 0.0242        | 8.0000e-005        | 0.0233        | 6.0000e-005        | 0.0233        | 5.8900e-003        | 5.0000e-005        | 5.9400e-003        | 0.0000        | 7.2143        | 7.2143        | 1.6000e-004        | 0.0000        | 7.2183        |
| <b>Total</b> | <b>3.3100e-003</b> | <b>2.2900e-003</b> | <b>0.0242</b> | <b>8.0000e-005</b> | <b>0.0233</b> | <b>6.0000e-005</b> | <b>0.0233</b> | <b>5.8900e-003</b> | <b>5.0000e-005</b> | <b>5.9400e-003</b> | <b>0.0000</b> | <b>7.2143</b> | <b>7.2143</b> | <b>1.6000e-004</b> | <b>0.0000</b> | <b>7.2183</b> |

**3.7 Architectural Coating - 2022****Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Archit. Coating | 0.1837        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road        | 0.5657        | 5.7218        | 4.3817        | 7.7900e-003        |               | 0.2837        | 0.2837        |                | 0.2620        | 0.2620        | 0.0000        | 680.7906        | 680.7906        | 0.2096        | 0.0000        | 686.0317        |
| <b>Total</b>    | <b>0.7494</b> | <b>5.7218</b> | <b>4.3817</b> | <b>7.7900e-003</b> |               | <b>0.2837</b> | <b>0.2837</b> |                | <b>0.2620</b> | <b>0.2620</b> | <b>0.0000</b> | <b>680.7906</b> | <b>680.7906</b> | <b>0.2096</b> | <b>0.0000</b> | <b>686.0317</b> |

## Glenview Terrace - Bay Area AQMD Air District, Annual

**3.7 Architectural Coating - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |                    |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 0.0149        | 9.8700e-003        | 0.1072        | 3.7000e-004        | 0.1121        | 2.6000e-004        | 0.1124        | 0.0284         | 2.4000e-004        | 0.0286        | 0.0000        | 33.4620        | 33.4620        | 7.0000e-004        | 0.0000        | 33.4795        |
| <b>Total</b> | <b>0.0149</b> | <b>9.8700e-003</b> | <b>0.1072</b> | <b>3.7000e-004</b> | <b>0.1121</b> | <b>2.6000e-004</b> | <b>0.1124</b> | <b>0.0284</b>  | <b>2.4000e-004</b> | <b>0.0286</b> | <b>0.0000</b> | <b>33.4620</b> | <b>33.4620</b> | <b>7.0000e-004</b> | <b>0.0000</b> | <b>33.4795</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Archit. Coating | 0.1837        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road        | 0.5657        | 5.7218        | 4.3817        | 7.7900e-003        |               | 0.2837        | 0.2837        |                | 0.2620        | 0.2620        | 0.0000        | 680.7898        | 680.7898        | 0.2096        | 0.0000        | 686.0309        |
| <b>Total</b>    | <b>0.7494</b> | <b>5.7218</b> | <b>4.3817</b> | <b>7.7900e-003</b> |               | <b>0.2837</b> | <b>0.2837</b> |                | <b>0.2620</b> | <b>0.2620</b> | <b>0.0000</b> | <b>680.7898</b> | <b>680.7898</b> | <b>0.2096</b> | <b>0.0000</b> | <b>686.0309</b> |

## Glenview Terrace - Bay Area AQMD Air District, Annual

**3.7 Architectural Coating - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |                    |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 0.0149        | 9.8700e-003        | 0.1072        | 3.7000e-004        | 0.1121        | 2.6000e-004        | 0.1124        | 0.0284         | 2.4000e-004        | 0.0286        | 0.0000        | 33.4620        | 33.4620        | 7.0000e-004        | 0.0000        | 33.4795        |
| <b>Total</b> | <b>0.0149</b> | <b>9.8700e-003</b> | <b>0.1072</b> | <b>3.7000e-004</b> | <b>0.1121</b> | <b>2.6000e-004</b> | <b>0.1124</b> | <b>0.0284</b>  | <b>2.4000e-004</b> | <b>0.0286</b> | <b>0.0000</b> | <b>33.4620</b> | <b>33.4620</b> | <b>7.0000e-004</b> | <b>0.0000</b> | <b>33.4795</b> |

**3.7 Architectural Coating - 2023****Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Archit. Coating | 0.1456        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road        | 0.3882        | 3.8746        | 3.3213        | 6.1800e-003        |               | 0.1826        | 0.1826        |                | 0.1687        | 0.1687        | 0.0000        | 539.5402        | 539.5402        | 0.1660        | 0.0000        | 543.6904        |
| <b>Total</b>    | <b>0.5338</b> | <b>3.8746</b> | <b>3.3213</b> | <b>6.1800e-003</b> |               | <b>0.1826</b> | <b>0.1826</b> |                | <b>0.1687</b> | <b>0.1687</b> | <b>0.0000</b> | <b>539.5402</b> | <b>539.5402</b> | <b>0.1660</b> | <b>0.0000</b> | <b>543.6904</b> |

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**3.7 Architectural Coating - 2023****Unmitigated Construction Off-Site**

|              | ROG           | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |                    |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 0.0110        | 7.0300e-003        | 0.0781        | 2.8000e-004        | 0.0888        | 2.0000e-004        | 0.0890        | 0.0225         | 1.9000e-004        | 0.0227        | 0.0000        | 25.4969        | 25.4969        | 5.0000e-004        | 0.0000        | 25.5093        |
| <b>Total</b> | <b>0.0110</b> | <b>7.0300e-003</b> | <b>0.0781</b> | <b>2.8000e-004</b> | <b>0.0888</b> | <b>2.0000e-004</b> | <b>0.0890</b> | <b>0.0225</b>  | <b>1.9000e-004</b> | <b>0.0227</b> | <b>0.0000</b> | <b>25.4969</b> | <b>25.4969</b> | <b>5.0000e-004</b> | <b>0.0000</b> | <b>25.5093</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Archit. Coating | 0.1456        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road        | 0.3882        | 3.8746        | 3.3213        | 6.1800e-003        |               | 0.1826        | 0.1826        |                | 0.1687        | 0.1687        | 0.0000        | 539.5395        | 539.5395        | 0.1660        | 0.0000        | 543.6898        |
| <b>Total</b>    | <b>0.5338</b> | <b>3.8746</b> | <b>3.3213</b> | <b>6.1800e-003</b> |               | <b>0.1826</b> | <b>0.1826</b> |                | <b>0.1687</b> | <b>0.1687</b> | <b>0.0000</b> | <b>539.5395</b> | <b>539.5395</b> | <b>0.1660</b> | <b>0.0000</b> | <b>543.6898</b> |

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**3.7 Architectural Coating - 2023****Mitigated Construction Off-Site**

|              | ROG           | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |                    |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 0.0110        | 7.0300e-003        | 0.0781        | 2.8000e-004        | 0.0888        | 2.0000e-004        | 0.0890        | 0.0225         | 1.9000e-004        | 0.0227        | 0.0000        | 25.4969        | 25.4969        | 5.0000e-004        | 0.0000        | 25.5093        |
| <b>Total</b> | <b>0.0110</b> | <b>7.0300e-003</b> | <b>0.0781</b> | <b>2.8000e-004</b> | <b>0.0888</b> | <b>2.0000e-004</b> | <b>0.0890</b> | <b>0.0225</b>  | <b>1.9000e-004</b> | <b>0.0227</b> | <b>0.0000</b> | <b>25.4969</b> | <b>25.4969</b> | <b>5.0000e-004</b> | <b>0.0000</b> | <b>25.5093</b> |

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

Increase Transit Accessibility

## Glenview Terrace - Bay Area AQMD Air District, Annual

|             | ROG     | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e     |
|-------------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|----------|
| Category    | tons/yr |        |        |             |               |              |            |                |               |             | MT/yr    |           |           |             |        |          |
| Mitigated   | 0.0569  | 0.2565 | 0.6235 | 2.3600e-003 | 0.2168        | 1.9400e-003  | 0.2188     | 0.0582         | 1.8100e-003   | 0.0600      | 0.0000   | 217.4677  | 217.4677  | 7.5200e-003 | 0.0000 | 217.6558 |
| Unmitigated | 0.0585  | 0.2664 | 0.6617 | 2.5500e-003 | 0.2353        | 2.0800e-003  | 0.2374     | 0.0631         | 1.9400e-003   | 0.0651      | 0.0000   | 234.4404  | 234.4404  | 7.9800e-003 | 0.0000 | 234.6399 |

## 4.2 Trip Summary Information

| Land Use              | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------|-------------------------|----------|--------|-------------|------------|
|                       | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Single Family Housing | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |
| Total                 | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |

## 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 |
| Single Family Housing | 10.80      | 4.80       | 5.70        | 31.00      | 15.00      | 54.00       | 86             | 11       | 3       |

## 4.4 Fleet Mix

| Land Use              | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Single Family Housing | 0.580272 | 0.038274 | 0.193741 | 0.109917 | 0.015100 | 0.005324 | 0.018491 | 0.026678 | 0.002649 | 0.002134 | 0.005793 | 0.000896 | 0.000732 |

## 5.0 Energy Detail

Historical Energy Use: N

Unmitigated Model Run

## Glenview Terrace - Bay Area AQMD Air District, Annual

## 5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

|                         | ROG         | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total  | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O         | CO2e    |
|-------------------------|-------------|--------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|---------|
| Category                | tons/yr     |        |        |             |               |              |             |                |               |             | MT/yr    |           |           |             |             |         |
| Electricity Mitigated   |             |        |        |             |               | 0.0000       | 0.0000      |                | 0.0000        | 0.0000      | 0.0000   | 0.0000    | 0.0000    | 0.0000      | 0.0000      | 0.0000  |
| Electricity Unmitigated |             |        |        |             |               | 0.0000       | 0.0000      |                | 0.0000        | 0.0000      | 0.0000   | 25.8182   | 25.8182   | 3.0500e-003 | 6.3000e-004 | 26.0820 |
| NaturalGas Mitigated    | 6.1800e-003 | 0.0528 | 0.0225 | 3.4000e-004 |               | 4.2700e-003  | 4.2700e-003 |                | 4.2700e-003   | 4.2700e-003 | 0.0000   | 61.1966   | 61.1966   | 1.1700e-003 | 1.1200e-003 | 61.5602 |
| NaturalGas Unmitigated  | 6.6200e-003 | 0.0566 | 0.0241 | 3.6000e-004 |               | 4.5700e-003  | 4.5700e-003 |                | 4.5700e-003   | 4.5700e-003 | 0.0000   | 65.4982   | 65.4982   | 1.2600e-003 | 1.2000e-003 | 65.8874 |



## Glenview Terrace - Bay Area AQMD Air District, Annual

**5.2 Energy by Land Use - NaturalGas****Unmitigated**

|                       | NaturalGas Use | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O                | CO2e           |
|-----------------------|----------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Land Use              | kBTU/yr        | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |                    |                |
| Single Family Housing | 1.22739e+006   | 6.6200e-003        | 0.0566        | 0.0241        | 3.6000e-004        |               | 4.5700e-003        | 4.5700e-003        |                | 4.5700e-003        | 4.5700e-003        | 0.0000        | 65.4982        | 65.4982        | 1.2600e-003        | 1.2000e-003        | 65.8874        |
| <b>Total</b>          |                | <b>6.6200e-003</b> | <b>0.0566</b> | <b>0.0241</b> | <b>3.6000e-004</b> |               | <b>4.5700e-003</b> | <b>4.5700e-003</b> |                | <b>4.5700e-003</b> | <b>4.5700e-003</b> | <b>0.0000</b> | <b>65.4982</b> | <b>65.4982</b> | <b>1.2600e-003</b> | <b>1.2000e-003</b> | <b>65.8874</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        | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |                    |                |
| Single Family Housing | 1.14678e+006   | 6.1800e-003        | 0.0528        | 0.0225        | 3.4000e-004        |               | 4.2700e-003        | 4.2700e-003        |                | 4.2700e-003        | 4.2700e-003        | 0.0000        | 61.1966        | 61.1966        | 1.1700e-003        | 1.1200e-003        | 61.5602        |
| <b>Total</b>          |                | <b>6.1800e-003</b> | <b>0.0528</b> | <b>0.0225</b> | <b>3.4000e-004</b> |               | <b>4.2700e-003</b> | <b>4.2700e-003</b> |                | <b>4.2700e-003</b> | <b>4.2700e-003</b> | <b>0.0000</b> | <b>61.1966</b> | <b>61.1966</b> | <b>1.1700e-003</b> | <b>1.1200e-003</b> | <b>61.5602</b> |

## Glenview Terrace - Bay Area AQMD Air District, Annual

**5.3 Energy by Land Use - Electricity****Unmitigated**

|                       | Electricity Use | Total CO2      | CH4                | N2O                | CO2e           |
|-----------------------|-----------------|----------------|--------------------|--------------------|----------------|
| Land Use              | kWh/yr          | MT/yr          |                    |                    |                |
| Single Family Housing | 231492          | 25.8182        | 3.0500e-003        | 6.3000e-004        | 26.0820        |
| <b>Total</b>          |                 | <b>25.8182</b> | <b>3.0500e-003</b> | <b>6.3000e-004</b> | <b>26.0820</b> |

**Mitigated**

|                       | Electricity Use | Total CO2     | CH4           | N2O           | CO2e          |
|-----------------------|-----------------|---------------|---------------|---------------|---------------|
| Land Use              | kWh/yr          | MT/yr         |               |               |               |
| Single Family Housing | 0               | 0.0000        | 0.0000        | 0.0000        | 0.0000        |
| <b>Total</b>          |                 | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |

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

## Glenview Terrace - Bay Area AQMD Air District, Annual

No Hearths Installed

|             | ROG     | NOx         | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total  | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O         | CO2e   |
|-------------|---------|-------------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|--------|
| Category    | tons/yr |             |        |             |               |              |             |                |               |             | MT/yr    |           |           |             |             |        |
| Mitigated   | 0.2471  | 2.4800e-003 | 0.2152 | 1.0000e-005 |               | 1.1900e-003  | 1.1900e-003 |                | 1.1900e-003   | 1.1900e-003 | 0.0000   | 0.3517    | 0.3517    | 3.4000e-004 | 0.0000      | 0.3602 |
| Unmitigated | 0.4180  | 6.2300e-003 | 0.4638 | 5.2000e-004 |               | 0.0370       | 0.0370      |                | 0.0370        | 0.0370      | 3.6862   | 1.2568    | 4.9430    | 7.3000e-003 | 2.1000e-004 | 5.1884 |

## 6.2 Area by SubCategory

Unmitigated

|                       | ROG           | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O                | CO2e          |
|-----------------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| SubCategory           | tons/yr       |                    |               |                    |               |               |               |                |               |               | MT/yr         |               |               |                    |                    |               |
| Architectural Coating | 0.0368        |                    |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        |
| Consumer Products     | 0.2039        |                    |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        |
| Hearth                | 0.1709        | 3.7500e-003        | 0.2485        | 5.1000e-004        |               | 0.0358        | 0.0358        |                | 0.0358        | 0.0358        | 3.6862        | 0.9051        | 4.5913        | 6.9600e-003        | 2.1000e-004        | 4.8282        |
| Landscaping           | 6.4700e-003   | 2.4800e-003        | 0.2152        | 1.0000e-005        |               | 1.1900e-003   | 1.1900e-003   |                | 1.1900e-003   | 1.1900e-003   | 0.0000        | 0.3517        | 0.3517        | 3.4000e-004        | 0.0000             | 0.3602        |
| <b>Total</b>          | <b>0.4180</b> | <b>6.2300e-003</b> | <b>0.4638</b> | <b>5.2000e-004</b> |               | <b>0.0370</b> | <b>0.0370</b> |                | <b>0.0370</b> | <b>0.0370</b> | <b>3.6862</b> | <b>1.2568</b> | <b>4.9430</b> | <b>7.3000e-003</b> | <b>2.1000e-004</b> | <b>5.1884</b> |

Unmitigated Model Run

## Glenview Terrace - Bay Area AQMD Air District, Annual

**6.2 Area by SubCategory****Mitigated**

|                       | ROG           | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| SubCategory           | tons/yr       |                    |               |                    |               |                    |                    |                |                    |                    | MT/yr         |               |               |                    |               |               |
| Architectural Coating | 0.0368        |                    |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Consumer Products     | 0.2039        |                    |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Hearth                | 0.0000        | 0.0000             | 0.0000        | 0.0000             |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 6.4700e-003   | 2.4800e-003        | 0.2152        | 1.0000e-005        |               | 1.1900e-003        | 1.1900e-003        |                | 1.1900e-003        | 1.1900e-003        | 0.0000        | 0.3517        | 0.3517        | 3.4000e-004        | 0.0000        | 0.3602        |
| <b>Total</b>          | <b>0.2471</b> | <b>2.4800e-003</b> | <b>0.2152</b> | <b>1.0000e-005</b> |               | <b>1.1900e-003</b> | <b>1.1900e-003</b> |                | <b>1.1900e-003</b> | <b>1.1900e-003</b> | <b>0.0000</b> | <b>0.3517</b> | <b>0.3517</b> | <b>3.4000e-004</b> | <b>0.0000</b> | <b>0.3602</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

## Glenview Terrace - Bay Area AQMD Air District, Annual

|             | Total CO2 | CH4    | N2O         | CO2e   |
|-------------|-----------|--------|-------------|--------|
| Category    | MT/yr     |        |             |        |
| Mitigated   | 1.7638    | 0.0494 | 1.1900e-003 | 3.3548 |
| Unmitigated | 2.2047    | 0.0618 | 1.4900e-003 | 4.1935 |

## 7.2 Water by Land Use

Unmitigated

|                       | Indoor/Outdoor Use | Total CO2     | CH4           | N2O                | CO2e          |
|-----------------------|--------------------|---------------|---------------|--------------------|---------------|
| Land Use              | Mgal               | MT/yr         |               |                    |               |
| Single Family Housing | 1.88947 / 1.19119  | 2.2047        | 0.0618        | 1.4900e-003        | 4.1935        |
| <b>Total</b>          |                    | <b>2.2047</b> | <b>0.0618</b> | <b>1.4900e-003</b> | <b>4.1935</b> |

## Glenview Terrace - Bay Area AQMD Air District, Annual

**7.2 Water by Land Use****Mitigated**

|                       | Indoor/Outdoor Use | Total CO2     | CH4           | N2O                | CO2e          |
|-----------------------|--------------------|---------------|---------------|--------------------|---------------|
| Land Use              | Mgal               | MT/yr         |               |                    |               |
| Single Family Housing | 1.51157 / 0.952948 | 1.7638        | 0.0494        | 1.1900e-003        | 3.3548        |
| <b>Total</b>          |                    | <b>1.7638</b> | <b>0.0494</b> | <b>1.1900e-003</b> | <b>3.3548</b> |

**8.0 Waste Detail****8.1 Mitigation Measures Waste****Category/Year**

|             | Total CO2 | CH4    | N2O    | CO2e    |
|-------------|-----------|--------|--------|---------|
|             | MT/yr     |        |        |         |
| Mitigated   | 7.0763    | 0.4182 | 0.0000 | 17.5312 |
| Unmitigated | 7.0763    | 0.4182 | 0.0000 | 17.5312 |

## Glenview Terrace - Bay Area AQMD Air District, Annual

**8.2 Waste by Land Use****Unmitigated**

|                       | Waste Disposed | Total CO2     | CH4           | N2O           | CO2e           |
|-----------------------|----------------|---------------|---------------|---------------|----------------|
| Land Use              | tons           | MT/yr         |               |               |                |
| Single Family Housing | 34.86          | 7.0763        | 0.4182        | 0.0000        | 17.5312        |
| <b>Total</b>          |                | <b>7.0763</b> | <b>0.4182</b> | <b>0.0000</b> | <b>17.5312</b> |

**Mitigated**

|                       | Waste Disposed | Total CO2     | CH4           | N2O           | CO2e           |
|-----------------------|----------------|---------------|---------------|---------------|----------------|
| Land Use              | tons           | MT/yr         |               |               |                |
| Single Family Housing | 34.86          | 7.0763        | 0.4182        | 0.0000        | 17.5312        |
| <b>Total</b>          |                | <b>7.0763</b> | <b>0.4182</b> | <b>0.0000</b> | <b>17.5312</b> |

**9.0 Operational Offroad**

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

Unmitigated Model Run

## Glenview Terrace - Bay Area AQMD Air District, Annual

## 10.0 Stationary Equipment

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### Fire Pumps and Emergency Generators

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

### Boilers

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

### User Defined Equipment

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

## 11.0 Vegetation

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## Glenview Terrace - Bay Area AQMD Air District, Summer

**Glenview Terrace**  
**Bay Area AQMD Air District, Summer****1.0 Project Characteristics**

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**1.1 Land Usage**

| Land Uses             | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------|-------|---------------|-------------|--------------------|------------|
| Single Family Housing | 29.00 | Dwelling Unit | 3.27        | 52,200.00          | 83         |

**1.2 Other Project Characteristics**

|                            |                                |                            |       |                            |       |
|----------------------------|--------------------------------|----------------------------|-------|----------------------------|-------|
| Urbanization               | Urban                          | Wind Speed (m/s)           | 2.2   | Precipitation Freq (Days)  | 64    |
| Climate Zone               | 5                              |                            |       | Operational Year           | 2024  |
| Utility Company            | Pacific Gas & Electric Company |                            |       |                            |       |
| CO2 Intensity<br>(lb/MWhr) | 245.88                         | CH4 Intensity<br>(lb/MWhr) | 0.029 | N2O Intensity<br>(lb/MWhr) | 0.006 |

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

## Glenview Terrace - Bay Area AQMD Air District, Summer

Project Characteristics - Updated co2 intensity factor per PG&E's RPS projections.

Land Use - updated lot acreage to match site plan.

Construction Phase - updating total days

Demolition -

Grading -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - Title 24 exceedance applied to reflect compliance with 2019 CBSC.

Vehicle Trips - Trip generation rate adjusted to match project-specific TIA.

Water Mitigation - Water conservation strategy applied to reflect compliance with 2019 CBSC and MWELO.

| Table Name           | Column Name    | Default Value | New Value  |
|----------------------|----------------|---------------|------------|
| tblConstructionPhase | NumDays        | 20.00         | 10.00      |
| tblConstructionPhase | NumDays        | 5.00          | 10.00      |
| tblConstructionPhase | NumDays        | 8.00          | 40.00      |
| tblConstructionPhase | NumDays        | 18.00         | 30.00      |
| tblConstructionPhase | NumDays        | 230.00        | 520.00     |
| tblConstructionPhase | NumDays        | 18.00         | 520.00     |
| tblConstructionPhase | PhaseEndDate   | 6/28/2021     | 6/14/2021  |
| tblConstructionPhase | PhaseEndDate   | 7/5/2021      | 6/28/2021  |
| tblConstructionPhase | PhaseEndDate   | 7/15/2021     | 8/23/2021  |
| tblConstructionPhase | PhaseEndDate   | 6/28/2022     | 10/4/2021  |
| tblConstructionPhase | PhaseEndDate   | 6/2/2022      | 10/2/2023  |
| tblConstructionPhase | PhaseEndDate   | 7/22/2022     | 10/16/2023 |
| tblConstructionPhase | PhaseStartDate | 6/29/2021     | 6/15/2021  |
| tblConstructionPhase | PhaseStartDate | 7/6/2021      | 6/29/2021  |
| tblConstructionPhase | PhaseStartDate | 6/3/2022      | 8/24/2021  |

## Glenview Terrace - Bay Area AQMD Air District, Summer

|                           |                    |           |            |
|---------------------------|--------------------|-----------|------------|
| tblConstructionPhase      | PhaseStartDate     | 7/16/2021 | 10/5/2021  |
| tblConstructionPhase      | PhaseStartDate     | 6/29/2022 | 10/19/2021 |
| tblGrading                | MaterialExported   | 0.00      | 8,200.00   |
| tblLandUse                | LotAcreage         | 9.42      | 3.27       |
| tblOffRoadEquipment       | UsageHours         | 7.00      | 8.00       |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35    | 245.88     |
| tblTripsAndVMT            | VendorTripNumber   | 3.00      | 0.00       |
| tblTripsAndVMT            | WorkerTripNumber   | 10.00     | 15.00      |
| tblTripsAndVMT            | WorkerTripNumber   | 2.00      | 18.00      |
| tblTripsAndVMT            | WorkerTripNumber   | 2.00      | 20.00      |
| tblVehicleTrips           | ST_TR              | 9.91      | 9.44       |
| tblVehicleTrips           | SU_TR              | 8.62      | 9.44       |
| tblVehicleTrips           | WD_TR              | 9.52      | 9.44       |

## 2.0 Emissions Summary

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## Glenview Terrace - Bay Area AQMD Air District, Summer

**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   |                 |                 |        |        |                 |
| 2021    | 11.0239 | 95.4648 | 69.3345 | 0.1225 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,798.41<br>09 | 11,798.41<br>09 | 3.3388 | 0.0000 | 11,881.87<br>96 |
| 2022    | 9.6226  | 80.8883 | 66.8814 | 0.1223 | 1.3184        | 3.9357       | 5.2541     | 0.3350         | 3.6460        | 3.9810      | 0.0000   | 11,780.74<br>49 | 11,780.74<br>49 | 3.3327 | 0.0000 | 11,864.06<br>22 |
| 2023    | 8.6542  | 70.2638 | 64.6593 | 0.1222 | 1.3184        | 3.2506       | 4.5690     | 0.3350         | 3.0126        | 3.3477      | 0.0000   | 11,762.38<br>76 | 11,762.38<br>76 | 3.3262 | 0.0000 | 11,845.54<br>26 |
| Maximum | 11.0239 | 95.4648 | 69.3345 | 0.1225 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,798.41<br>09 | 11,798.41<br>09 | 3.3388 | 0.0000 | 11,881.87<br>96 |

**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   |                 |                 |        |        |                 |
| 2021    | 11.0239 | 95.4648 | 69.3345 | 0.1225 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,798.41<br>09 | 11,798.41<br>09 | 3.3388 | 0.0000 | 11,881.87<br>96 |
| 2022    | 9.6226  | 80.8883 | 66.8814 | 0.1223 | 1.3184        | 3.9357       | 5.2541     | 0.3350         | 3.6460        | 3.9810      | 0.0000   | 11,780.74<br>49 | 11,780.74<br>49 | 3.3327 | 0.0000 | 11,864.06<br>22 |
| 2023    | 8.6542  | 70.2638 | 64.6593 | 0.1222 | 1.3184        | 3.2506       | 4.5690     | 0.3350         | 3.0126        | 3.3477      | 0.0000   | 11,762.38<br>76 | 11,762.38<br>76 | 3.3262 | 0.0000 | 11,845.54<br>25 |
| Maximum | 11.0239 | 95.4648 | 69.3345 | 0.1225 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,798.41<br>09 | 11,798.41<br>09 | 3.3388 | 0.0000 | 11,881.87<br>96 |

## Glenview Terrace - Bay Area AQMD Air District, Summer

|                   | ROG  | NOx  | CO   | SO2  | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4  | N2O  | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00          | 0.00         | 0.00       | 0.00           | 0.00          | 0.00        | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**2.2 Overall Operational****Unmitigated Operational**

|              | ROG            | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2        | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | lb/day         |               |                |               |               |               |               |                |               |               | lb/day          |                   |                   |               |               |                   |
| Area         | 31.4435        | 0.6062        | 41.2599        | 0.0733        |               | 5.5094        | 5.5094        |                | 5.5094        | 5.5094        | 590.9718        | 183.4257          | 774.3975          | 0.7348        | 0.0417        | 805.1956          |
| Energy       | 0.0363         | 0.3099        | 0.1319         | 1.9800e-003   |               | 0.0251        | 0.0251        |                | 0.0251        | 0.0251        |                 | 395.6129          | 395.6129          | 7.5800e-003   | 7.2500e-003   | 397.9638          |
| Mobile       | 0.3704         | 1.4218        | 3.7903         | 0.0148        | 1.3430        | 0.0114        | 1.3544        | 0.3593         | 0.0106        | 0.3699        |                 | 1,501.0795        | 1,501.0795        | 0.0486        |               | 1,502.2938        |
| <b>Total</b> | <b>31.8502</b> | <b>2.3379</b> | <b>45.1821</b> | <b>0.0901</b> | <b>1.3430</b> | <b>5.5459</b> | <b>6.8889</b> | <b>0.3593</b>  | <b>5.5451</b> | <b>5.9044</b> | <b>590.9718</b> | <b>2,080.1180</b> | <b>2,671.0899</b> | <b>0.7910</b> | <b>0.0490</b> | <b>2,705.4531</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         | 1.3903        | 0.0276        | 2.3915        | 1.3000e-004   |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        | 0.0000        | 4.3080            | 4.3080            | 4.1300e-003   | 0.0000             | 4.4114            |
| Energy       | 0.0339        | 0.2895        | 0.1232        | 1.8500e-003   |               | 0.0234        | 0.0234        |                | 0.0234        | 0.0234        |               | 369.6310          | 369.6310          | 7.0800e-003   | 6.7800e-003        | 371.8276          |
| Mobile       | 0.3612        | 1.3709        | 3.5536        | 0.0137        | 1.2378        | 0.0106        | 1.2484        | 0.3311         | 9.9100e-003   | 0.3410        |               | 1,392.2634        | 1,392.2634        | 0.0457        |                    | 1,393.4061        |
| <b>Total</b> | <b>1.7854</b> | <b>1.6880</b> | <b>6.0683</b> | <b>0.0157</b> | <b>1.2378</b> | <b>0.0473</b> | <b>1.2850</b> | <b>0.3311</b>  | <b>0.0466</b> | <b>0.3777</b> | <b>0.0000</b> | <b>1,766.2024</b> | <b>1,766.2024</b> | <b>0.0569</b> | <b>6.7800e-003</b> | <b>1,769.6450</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

|                   | ROG   | NOx   | CO    | SO2   | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4   | N2O   | CO2e  |
|-------------------|-------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------|-------|-------|
| Percent Reduction | 94.39 | 27.80 | 86.57 | 82.56 | 7.84          | 99.15        | 81.35      | 7.84           | 99.16         | 93.60       | 100.00   | 15.09    | 33.88     | 92.80 | 86.15 | 34.59 |

### 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            | 6/1/2021   | 6/14/2021  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 6/15/2021  | 6/28/2021  | 5             | 10       |                   |
| 3            | Grading               | Grading               | 6/29/2021  | 8/23/2021  | 5             | 40       |                   |
| 4            | Building Construction | Building Construction | 10/5/2021  | 10/2/2023  | 5             | 520      |                   |
| 5            | Paving                | Paving                | 8/24/2021  | 10/4/2021  | 5             | 30       |                   |
| 6            | Architectural Coating | Architectural Coating | 10/19/2021 | 10/16/2023 | 5             | 520      |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20

Acres of Paving: 0

Residential Indoor: 105,705; Residential Outdoor: 35,235; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0  
(Architectural Coating – sqft)

#### OffRoad Equipment

| Phase Name       | Offroad Equipment Type   | Amount | Usage Hours | Horse Power | Load Factor |
|------------------|--------------------------|--------|-------------|-------------|-------------|
| Demolition       | Concrete/Industrial Saws | 1      | 8.00        | 81          | 0.73        |
| Demolition       | Excavators               | 3      | 8.00        | 158         | 0.38        |
| Demolition       | Rubber Tired Dozers      | 2      | 8.00        | 247         | 0.40        |
| Site Preparation | Rubber Tired Dozers      | 3      | 8.00        | 247         | 0.40        |

## Glenview Terrace - Bay Area AQMD Air District, Summer

|                       |                           |   |      |     |      |
|-----------------------|---------------------------|---|------|-----|------|
| Site Preparation      | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |
| Grading               | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Grading               | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Grading               | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Grading               | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Paving                | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Paving                | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Paving                | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Paving                | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Paving                | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Building Construction | Cranes                    | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Building Construction | Forklifts                 | 3 | 8.00 | 89  | 0.20 |
| Building Construction | Generator Sets            | 1 | 8.00 | 84  | 0.74 |
| Building Construction | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Building Construction | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97  | 0.37 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Building Construction | Welders                   | 1 | 8.00 | 46  | 0.45 |
| Architectural Coating | Air Compressors           | 1 | 6.00 | 78  | 0.48 |
| Architectural Coating | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Architectural Coating | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Architectural Coating | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Architectural Coating | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Architectural Coating | Rubber Tired Dozers       | 3 | 8.00 | 247 | 0.40 |
| Architectural Coating | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Architectural Coating | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |



## Glenview Terrace - Bay Area AQMD Air District, Summer

**Trips and VMT**

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 36.00               | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 6                       | 15.00              | 0.00               | 1,025.00            | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 8                       | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 15.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 10.00              | 3.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 2.00               | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction****3.2 Demolition - 2021****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 |               |                |                |               | 0.7875        | 0.0000        | 0.7875        | 0.1192         | 0.0000        | 0.1192        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        |          | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>0.7875</b> | <b>1.5513</b> | <b>2.3388</b> | <b>0.1192</b>  | <b>1.4411</b> | <b>1.5603</b> |          | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.2 Demolition - 2021****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      | 0.0280        | 0.9526        | 0.2008        | 2.8200e-003        | 0.0629        | 2.9900e-003        | 0.0659        | 0.0172         | 2.8600e-003        | 0.0201        |          | 302.3675        | 302.3675        | 0.0150        |     | 302.7426        |
| 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       | 0.0482        | 0.0282        | 0.3685        | 1.1900e-003        | 0.1232        | 7.8000e-004        | 0.1240        | 0.0327         | 7.1000e-004        | 0.0334        |          | 118.7939        | 118.7939        | 2.6600e-003   |     | 118.8603        |
| <b>Total</b> | <b>0.0763</b> | <b>0.9808</b> | <b>0.5693</b> | <b>4.0100e-003</b> | <b>0.1861</b> | <b>3.7700e-003</b> | <b>0.1899</b> | <b>0.0499</b>  | <b>3.5700e-003</b> | <b>0.0535</b> |          | <b>421.1614</b> | <b>421.1614</b> | <b>0.0177</b> |     | <b>421.6029</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 |               |                |                |               | 0.7875        | 0.0000        | 0.7875        | 0.1192         | 0.0000        | 0.1192        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        | 0.0000        | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>0.7875</b> | <b>1.5513</b> | <b>2.3388</b> | <b>0.1192</b>  | <b>1.4411</b> | <b>1.5603</b> | <b>0.0000</b> | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.2 Demolition - 2021****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      | 0.0280        | 0.9526        | 0.2008        | 2.8200e-003        | 0.0629        | 2.9900e-003        | 0.0659        | 0.0172         | 2.8600e-003        | 0.0201        |          | 302.3675        | 302.3675        | 0.0150        |     | 302.7426        |
| 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       | 0.0482        | 0.0282        | 0.3685        | 1.1900e-003        | 0.1232        | 7.8000e-004        | 0.1240        | 0.0327         | 7.1000e-004        | 0.0334        |          | 118.7939        | 118.7939        | 2.6600e-003   |     | 118.8603        |
| <b>Total</b> | <b>0.0763</b> | <b>0.9808</b> | <b>0.5693</b> | <b>4.0100e-003</b> | <b>0.1861</b> | <b>3.7700e-003</b> | <b>0.1899</b> | <b>0.0499</b>  | <b>3.5700e-003</b> | <b>0.0535</b> |          | <b>421.1614</b> | <b>421.1614</b> | <b>0.0177</b> |     | <b>421.6029</b> |

**3.3 Site Preparation - 2021****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 |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         |          | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715,4573        |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> |          | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715,4573</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.3 Site Preparation - 2021****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       | 0.0579        | 0.0338        | 0.4421        | 1.4300e-003        | 0.1479        | 9.3000e-004        | 0.1488        | 0.0392         | 8.6000e-004        | 0.0401        |          | 142.5527        | 142.5527        | 3.1900e-003        |     | 142.6324        |
| <b>Total</b> | <b>0.0579</b> | <b>0.0338</b> | <b>0.4421</b> | <b>1.4300e-003</b> | <b>0.1479</b> | <b>9.3000e-004</b> | <b>0.1488</b> | <b>0.0392</b>  | <b>8.6000e-004</b> | <b>0.0401</b> |          | <b>142.5527</b> | <b>142.5527</b> | <b>3.1900e-003</b> |     | <b>142.6324</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 |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         | 0.0000        | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715,4573        |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> | <b>0.0000</b> | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715,4573</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.3 Site Preparation - 2021****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       | 0.0579        | 0.0338        | 0.4421        | 1.4300e-003        | 0.1479        | 9.3000e-004        | 0.1488        | 0.0392         | 8.6000e-004        | 0.0401        |          | 142.5527        | 142.5527        | 3.1900e-003        |     | 142.6324        |
| <b>Total</b> | <b>0.0579</b> | <b>0.0338</b> | <b>0.4421</b> | <b>1.4300e-003</b> | <b>0.1479</b> | <b>9.3000e-004</b> | <b>0.1488</b> | <b>0.0392</b>  | <b>8.6000e-004</b> | <b>0.0401</b> |          | <b>142.5527</b> | <b>142.5527</b> | <b>3.1900e-003</b> |     | <b>142.6324</b> |

**3.4 Grading - 2021****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 |               |                |                |               | 6.5755        | 0.0000        | 6.5755        | 3.3710         | 0.0000        | 3.3710        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 2.2903        | 24.7367        | 15.8575        | 0.0296        |               | 1.1599        | 1.1599        |                | 1.0671        | 1.0671        |          | 2,871.9285        | 2,871.9285        | 0.9288        |     | 2,895,1495        |
| <b>Total</b>  | <b>2.2903</b> | <b>24.7367</b> | <b>15.8575</b> | <b>0.0296</b> | <b>6.5755</b> | <b>1.1599</b> | <b>7.7354</b> | <b>3.3710</b>  | <b>1.0671</b> | <b>4.4381</b> |          | <b>2,871.9285</b> | <b>2,871.9285</b> | <b>0.9288</b> |     | <b>2,895,1495</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.4 Grading - 2021****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      | 0.1996        | 6.7804        | 1.4293        | 0.0201        | 0.4477        | 0.0213        | 0.4690        | 0.1227         | 0.0203        | 0.1430        |          | 2,152.2686        | 2,152.2686        | 0.1068        |     | 2,154.9386        |
| 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       | 0.0482        | 0.0282        | 0.3685        | 1.1900e-003   | 0.1232        | 7.8000e-004   | 0.1240        | 0.0327         | 7.1000e-004   | 0.0334        |          | 118.7939          | 118.7939          | 2.6600e-003   |     | 118.8603          |
| <b>Total</b> | <b>0.2478</b> | <b>6.8086</b> | <b>1.7978</b> | <b>0.0213</b> | <b>0.5709</b> | <b>0.0220</b> | <b>0.5930</b> | <b>0.1554</b>  | <b>0.0211</b> | <b>0.1764</b> |          | <b>2,271.0626</b> | <b>2,271.0626</b> | <b>0.1095</b> |     | <b>2,273.7990</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 |               |                |                |               | 6.5755        | 0.0000        | 6.5755        | 3.3710         | 0.0000        | 3.3710        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 2.2903        | 24.7367        | 15.8575        | 0.0296        |               | 1.1599        | 1.1599        |                | 1.0671        | 1.0671        | 0.0000        | 2,871.9285        | 2,871.9285        | 0.9288        |     | 2,895.1495        |
| <b>Total</b>  | <b>2.2903</b> | <b>24.7367</b> | <b>15.8575</b> | <b>0.0296</b> | <b>6.5755</b> | <b>1.1599</b> | <b>7.7354</b> | <b>3.3710</b>  | <b>1.0671</b> | <b>4.4381</b> | <b>0.0000</b> | <b>2,871.9285</b> | <b>2,871.9285</b> | <b>0.9288</b> |     | <b>2,895.1495</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.4 Grading - 2021****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      | 0.1996        | 6.7804        | 1.4293        | 0.0201        | 0.4477        | 0.0213        | 0.4690        | 0.1227         | 0.0203        | 0.1430        |          | 2,152.2686        | 2,152.2686        | 0.1068        |     | 2,154.9386        |
| 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       | 0.0482        | 0.0282        | 0.3685        | 1.1900e-003   | 0.1232        | 7.8000e-004   | 0.1240        | 0.0327         | 7.1000e-004   | 0.0334        |          | 118.7939          | 118.7939          | 2.6600e-003   |     | 118.8603          |
| <b>Total</b> | <b>0.2478</b> | <b>6.8086</b> | <b>1.7978</b> | <b>0.0213</b> | <b>0.5709</b> | <b>0.0220</b> | <b>0.5930</b> | <b>0.1554</b>  | <b>0.0211</b> | <b>0.1764</b> |          | <b>2,271.0626</b> | <b>2,271.0626</b> | <b>0.1095</b> |     | <b>2,273.7990</b> |

**3.5 Building Construction - 2021****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     | 4.1913        | 42.1688        | 32.4327        | 0.0566        |               | 2.1185        | 2.1185        |                | 1.9684        | 1.9684        |          | 5,425.2924        | 5,425.2924        | 1.5449        |     | 5,463.9138        |
| <b>Total</b> | <b>4.1913</b> | <b>42.1688</b> | <b>32.4327</b> | <b>0.0566</b> |               | <b>2.1185</b> | <b>2.1185</b> |                | <b>1.9684</b> | <b>1.9684</b> |          | <b>5,425.2924</b> | <b>5,425.2924</b> | <b>1.5449</b> |     | <b>5,463.9138</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2021****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       | 9.3000e-003   | 0.3100        | 0.0731        | 8.2000e-004        | 0.0348        | 6.7000e-004        | 0.0355        | 9.4000e-003    | 6.4000e-004        | 0.0100        |          | 86.6876         | 86.6876         | 4.0700e-003        |     | 86.7893         |
| Worker       | 0.0804        | 0.0470        | 0.6141        | 1.9900e-003        | 0.3839        | 1.2900e-003        | 0.3852        | 0.0983         | 1.1900e-003        | 0.0995        |          | 197.9899        | 197.9899        | 4.4300e-003        |     | 198.1005        |
| <b>Total</b> | <b>0.0897</b> | <b>0.3570</b> | <b>0.6872</b> | <b>2.8100e-003</b> | <b>0.4186</b> | <b>1.9600e-003</b> | <b>0.4206</b> | <b>0.1077</b>  | <b>1.8300e-003</b> | <b>0.1095</b> |          | <b>284.6774</b> | <b>284.6774</b> | <b>8.5000e-003</b> |     | <b>284.8898</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     | 4.1913        | 42.1688        | 32.4327        | 0.0566        |               | 2.1185        | 2.1185        |                | 1.9684        | 1.9684        | 0.0000        | 5,425.2924        | 5,425.2924        | 1.5449        |     | 5,463.9138        |
| <b>Total</b> | <b>4.1913</b> | <b>42.1688</b> | <b>32.4327</b> | <b>0.0566</b> |               | <b>2.1185</b> | <b>2.1185</b> |                | <b>1.9684</b> | <b>1.9684</b> | <b>0.0000</b> | <b>5,425.2924</b> | <b>5,425.2924</b> | <b>1.5449</b> |     | <b>5,463.9138</b> |



## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2021****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       | 9.3000e-003   | 0.3100        | 0.0731        | 8.2000e-004        | 0.0348        | 6.7000e-004        | 0.0355        | 9.4000e-003    | 6.4000e-004        | 0.0100        |          | 86.6876         | 86.6876         | 4.0700e-003        |     | 86.7893         |
| Worker       | 0.0804        | 0.0470        | 0.6141        | 1.9900e-003        | 0.3839        | 1.2900e-003        | 0.3852        | 0.0983         | 1.1900e-003        | 0.0995        |          | 197.9899        | 197.9899        | 4.4300e-003        |     | 198.1005        |
| <b>Total</b> | <b>0.0897</b> | <b>0.3570</b> | <b>0.6872</b> | <b>2.8100e-003</b> | <b>0.4186</b> | <b>1.9600e-003</b> | <b>0.4206</b> | <b>0.1077</b>  | <b>1.8300e-003</b> | <b>0.1095</b> |          | <b>284.6774</b> | <b>284.6774</b> | <b>8.5000e-003</b> |     | <b>284.8898</b> |

**3.5 Building Construction - 2022****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     | 3.6549        | 36.4708        | 31.6361        | 0.0566        |               | 1.7499        | 1.7499        |                | 1.6267        | 1.6267        |          | 5,426.3800        | 5,426.3800        | 1.5408        |     | 5,464.9006        |
| <b>Total</b> | <b>3.6549</b> | <b>36.4708</b> | <b>31.6361</b> | <b>0.0566</b> |               | <b>1.7499</b> | <b>1.7499</b> |                | <b>1.6267</b> | <b>1.6267</b> |          | <b>5,426.3800</b> | <b>5,426.3800</b> | <b>1.5408</b> |     | <b>5,464.9006</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2022****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       | 8.6800e-003   | 0.2938        | 0.0688        | 8.1000e-004        | 0.0348        | 5.8000e-004        | 0.0354        | 9.4000e-003    | 5.6000e-004        | 9.9600e-003   |          | 85.8434         | 85.8434         | 3.8900e-003        |     | 85.9406         |
| Worker       | 0.0748        | 0.0421        | 0.5658        | 1.9100e-003        | 0.3839        | 1.2600e-003        | 0.3851        | 0.0983         | 1.1600e-003        | 0.0995        |          | 190.7238        | 190.7238        | 3.9700e-003        |     | 190.8232        |
| <b>Total</b> | <b>0.0835</b> | <b>0.3360</b> | <b>0.6346</b> | <b>2.7200e-003</b> | <b>0.4186</b> | <b>1.8400e-003</b> | <b>0.4205</b> | <b>0.1077</b>  | <b>1.7200e-003</b> | <b>0.1094</b> |          | <b>276.5672</b> | <b>276.5672</b> | <b>7.8600e-003</b> |     | <b>276.7638</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     | 3.6549        | 36.4708        | 31.6361        | 0.0566        |               | 1.7499        | 1.7499        |                | 1.6267        | 1.6267        | 0.0000        | 5,426.3800        | 5,426.3800        | 1.5408        |     | 5,464.9006        |
| <b>Total</b> | <b>3.6549</b> | <b>36.4708</b> | <b>31.6361</b> | <b>0.0566</b> |               | <b>1.7499</b> | <b>1.7499</b> |                | <b>1.6267</b> | <b>1.6267</b> | <b>0.0000</b> | <b>5,426.3800</b> | <b>5,426.3800</b> | <b>1.5408</b> |     | <b>5,464.9006</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2022****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       | 8.6800e-003   | 0.2938        | 0.0688        | 8.1000e-004        | 0.0348        | 5.8000e-004        | 0.0354        | 9.4000e-003    | 5.6000e-004        | 9.9600e-003   |          | 85.8434         | 85.8434         | 3.8900e-003        |     | 85.9406         |
| Worker       | 0.0748        | 0.0421        | 0.5658        | 1.9100e-003        | 0.3839        | 1.2600e-003        | 0.3851        | 0.0983         | 1.1600e-003        | 0.0995        |          | 190.7238        | 190.7238        | 3.9700e-003        |     | 190.8232        |
| <b>Total</b> | <b>0.0835</b> | <b>0.3360</b> | <b>0.6346</b> | <b>2.7200e-003</b> | <b>0.4186</b> | <b>1.8400e-003</b> | <b>0.4205</b> | <b>0.1077</b>  | <b>1.7200e-003</b> | <b>0.1094</b> |          | <b>276.5672</b> | <b>276.5672</b> | <b>7.8600e-003</b> |     | <b>276.7638</b> |

**3.5 Building Construction - 2023****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     | 3.2837        | 32.3207        | 30.9947        | 0.0566        |               | 1.4747        | 1.4747        |                | 1.3714        | 1.3714        |          | 5,427.9009        | 5,427.9009        | 1.5369        |     | 5,466.3242        |
| <b>Total</b> | <b>3.2837</b> | <b>32.3207</b> | <b>30.9947</b> | <b>0.0566</b> |               | <b>1.4747</b> | <b>1.4747</b> |                | <b>1.3714</b> | <b>1.3714</b> |          | <b>5,427.9009</b> | <b>5,427.9009</b> | <b>1.5369</b> |     | <b>5,466.3242</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2023****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       | 6.5000e-003   | 0.2271        | 0.0619        | 7.9000e-004        | 0.0348        | 2.6000e-004        | 0.0350        | 9.4000e-003    | 2.5000e-004        | 9.6500e-003   |          | 83.4285         | 83.4285         | 3.3200e-003        |     | 83.5116         |
| Worker       | 0.0699        | 0.0379        | 0.5219        | 1.8400e-003        | 0.3839        | 1.2400e-003        | 0.3851        | 0.0983         | 1.1400e-003        | 0.0994        |          | 183.4122        | 183.4122        | 3.5700e-003        |     | 183.5014        |
| <b>Total</b> | <b>0.0764</b> | <b>0.2650</b> | <b>0.5838</b> | <b>2.6300e-003</b> | <b>0.4186</b> | <b>1.5000e-003</b> | <b>0.4201</b> | <b>0.1077</b>  | <b>1.3900e-003</b> | <b>0.1091</b> |          | <b>266.8407</b> | <b>266.8407</b> | <b>6.8900e-003</b> |     | <b>267.0130</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     | 3.2837        | 32.3207        | 30.9947        | 0.0566        |               | 1.4747        | 1.4747        |                | 1.3714        | 1.3714        | 0.0000        | 5,427.9009        | 5,427.9009        | 1.5369        |     | 5,466.3242        |
| <b>Total</b> | <b>3.2837</b> | <b>32.3207</b> | <b>30.9947</b> | <b>0.0566</b> |               | <b>1.4747</b> | <b>1.4747</b> |                | <b>1.3714</b> | <b>1.3714</b> | <b>0.0000</b> | <b>5,427.9009</b> | <b>5,427.9009</b> | <b>1.5369</b> |     | <b>5,466.3242</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2023****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       | 6.5000e-003   | 0.2271        | 0.0619        | 7.9000e-004        | 0.0348        | 2.6000e-004        | 0.0350        | 9.4000e-003    | 2.5000e-004        | 9.6500e-003   |          | 83.4285         | 83.4285         | 3.3200e-003        |     | 83.5116         |
| Worker       | 0.0699        | 0.0379        | 0.5219        | 1.8400e-003        | 0.3839        | 1.2400e-003        | 0.3851        | 0.0983         | 1.1400e-003        | 0.0994        |          | 183.4122        | 183.4122        | 3.5700e-003        |     | 183.5014        |
| <b>Total</b> | <b>0.0764</b> | <b>0.2650</b> | <b>0.5838</b> | <b>2.6300e-003</b> | <b>0.4186</b> | <b>1.5000e-003</b> | <b>0.4201</b> | <b>0.1077</b>  | <b>1.3900e-003</b> | <b>0.1091</b> |          | <b>266.8407</b> | <b>266.8407</b> | <b>6.8900e-003</b> |     | <b>267.0130</b> |

**3.6 Paving - 2021****Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 1.0940        | 10.8399        | 12.2603        | 0.0189        |               | 0.5788        | 0.5788        |                | 0.5342        | 0.5342        |          | 1,804.5523        | 1,804.5523        | 0.5670        |     | 1,818.7270        |
| Paving       | 0.0000        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>1.0940</b> | <b>10.8399</b> | <b>12.2603</b> | <b>0.0189</b> |               | <b>0.5788</b> | <b>0.5788</b> |                | <b>0.5342</b> | <b>0.5342</b> |          | <b>1,804.5523</b> | <b>1,804.5523</b> | <b>0.5670</b> |     | <b>1,818.7270</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.6 Paving - 2021****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       | 0.0643        | 0.0376        | 0.4913        | 1.5900e-003        | 0.1643        | 1.0300e-003        | 0.1653        | 0.0436         | 9.5000e-004        | 0.0445        |          | 158.3919        | 158.3919        | 3.5400e-003        |     | 158.4804        |
| <b>Total</b> | <b>0.0643</b> | <b>0.0376</b> | <b>0.4913</b> | <b>1.5900e-003</b> | <b>0.1643</b> | <b>1.0300e-003</b> | <b>0.1653</b> | <b>0.0436</b>  | <b>9.5000e-004</b> | <b>0.0445</b> |          | <b>158.3919</b> | <b>158.3919</b> | <b>3.5400e-003</b> |     | <b>158.4804</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0940        | 10.8399        | 12.2603        | 0.0189        |               | 0.5788        | 0.5788        |                | 0.5342        | 0.5342        | 0.0000        | 1,804.5523        | 1,804.5523        | 0.5670        |     | 1,818.7270        |
| Paving       | 0.0000        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>1.0940</b> | <b>10.8399</b> | <b>12.2603</b> | <b>0.0189</b> |               | <b>0.5788</b> | <b>0.5788</b> |                | <b>0.5342</b> | <b>0.5342</b> | <b>0.0000</b> | <b>1,804.5523</b> | <b>1,804.5523</b> | <b>0.5670</b> |     | <b>1,818.7270</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.6 Paving - 2021****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       | 0.0643        | 0.0376        | 0.4913        | 1.5900e-003        | 0.1643        | 1.0300e-003        | 0.1653        | 0.0436         | 9.5000e-004        | 0.0445        |          | 158.3919        | 158.3919        | 3.5400e-003        |     | 158.4804        |
| <b>Total</b> | <b>0.0643</b> | <b>0.0376</b> | <b>0.4913</b> | <b>1.5900e-003</b> | <b>0.1643</b> | <b>1.0300e-003</b> | <b>0.1653</b> | <b>0.0436</b>  | <b>9.5000e-004</b> | <b>0.0445</b> |          | <b>158.3919</b> | <b>158.3919</b> | <b>3.5400e-003</b> |     | <b>158.4804</b> |

**3.7 Architectural Coating - 2021****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 5.2010        | 52.8638        | 35.2321        | 0.0599        |               | 2.7174        | 2.7174        |                | 2.5092        | 2.5092        |          | 5,771.6572        | 5,771.6572        | 1.7783        |     | 5,816.1152        |
| <b>Total</b>    | <b>6.6143</b> | <b>52.8638</b> | <b>35.2321</b> | <b>0.0599</b> |               | <b>2.7174</b> | <b>2.7174</b> |                | <b>2.5092</b> | <b>2.5092</b> |          | <b>5,771.6572</b> | <b>5,771.6572</b> | <b>1.7783</b> |     | <b>5,816.1152</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2021****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       | 0.1286        | 0.0752        | 0.9825        | 3.1800e-003        | 0.8997        | 2.0700e-003        | 0.9018        | 0.2274         | 1.9000e-003        | 0.2293        |          | 316.7838        | 316.7838        | 7.0800e-003        |     | 316.9608        |
| <b>Total</b> | <b>0.1286</b> | <b>0.0752</b> | <b>0.9825</b> | <b>3.1800e-003</b> | <b>0.8997</b> | <b>2.0700e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.9000e-003</b> | <b>0.2293</b> |          | <b>316.7838</b> | <b>316.7838</b> | <b>7.0800e-003</b> |     | <b>316.9608</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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road        | 5.2010        | 52.8638        | 35.2321        | 0.0599        |               | 2.7174        | 2.7174        |                | 2.5092        | 2.5092        | 0.0000        | 5,771.657<br>2         | 5,771.657<br>2         | 1.7783        |     | 5,816.115<br>2         |
| <b>Total</b>    | <b>6.6143</b> | <b>52.8638</b> | <b>35.2321</b> | <b>0.0599</b> |               | <b>2.7174</b> | <b>2.7174</b> |                | <b>2.5092</b> | <b>2.5092</b> | <b>0.0000</b> | <b>5,771.657<br/>2</b> | <b>5,771.657<br/>2</b> | <b>1.7783</b> |     | <b>5,816.115<br/>2</b> |



## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2021****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       | 0.1286        | 0.0752        | 0.9825        | 3.1800e-003        | 0.8997        | 2.0700e-003        | 0.9018        | 0.2274         | 1.9000e-003        | 0.2293        |          | 316.7838        | 316.7838        | 7.0800e-003        |     | 316.9608        |
| <b>Total</b> | <b>0.1286</b> | <b>0.0752</b> | <b>0.9825</b> | <b>3.1800e-003</b> | <b>0.8997</b> | <b>2.0700e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.9000e-003</b> | <b>0.2293</b> |          | <b>316.7838</b> | <b>316.7838</b> | <b>7.0800e-003</b> |     | <b>316.9608</b> |

**3.7 Architectural Coating - 2022****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 4.3512        | 44.0141        | 33.7054        | 0.0599        |               | 2.1819        | 2.1819        |                | 2.0156        | 2.0156        |          | 5,772.6396        | 5,772.6396        | 1.7777        |     | 5,817.0807        |
| <b>Total</b>    | <b>5.7645</b> | <b>44.0141</b> | <b>33.7054</b> | <b>0.0599</b> |               | <b>2.1819</b> | <b>2.1819</b> |                | <b>2.0156</b> | <b>2.0156</b> |          | <b>5,772.6396</b> | <b>5,772.6396</b> | <b>1.7777</b> |     | <b>5,817.0807</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2022****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       | 0.1197        | 0.0674        | 0.9053        | 3.0600e-003        | 0.8997        | 2.0200e-003        | 0.9018        | 0.2274         | 1.8600e-003        | 0.2292        |          | 305.1582        | 305.1582        | 6.3600e-003        |     | 305.3171        |
| <b>Total</b> | <b>0.1197</b> | <b>0.0674</b> | <b>0.9053</b> | <b>3.0600e-003</b> | <b>0.8997</b> | <b>2.0200e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.8600e-003</b> | <b>0.2292</b> |          | <b>305.1582</b> | <b>305.1582</b> | <b>6.3600e-003</b> |     | <b>305.3171</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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 4.3512        | 44.0141        | 33.7054        | 0.0599        |               | 2.1819        | 2.1819        |                | 2.0156        | 2.0156        | 0.0000        | 5,772.6396        | 5,772.6396        | 1.7777        |     | 5,817.0807        |
| <b>Total</b>    | <b>5.7645</b> | <b>44.0141</b> | <b>33.7054</b> | <b>0.0599</b> |               | <b>2.1819</b> | <b>2.1819</b> |                | <b>2.0156</b> | <b>2.0156</b> | <b>0.0000</b> | <b>5,772.6396</b> | <b>5,772.6396</b> | <b>1.7777</b> |     | <b>5,817.0807</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2022****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       | 0.1197        | 0.0674        | 0.9053        | 3.0600e-003        | 0.8997        | 2.0200e-003        | 0.9018        | 0.2274         | 1.8600e-003        | 0.2292        |          | 305.1582        | 305.1582        | 6.3600e-003        |     | 305.3171        |
| <b>Total</b> | <b>0.1197</b> | <b>0.0674</b> | <b>0.9053</b> | <b>3.0600e-003</b> | <b>0.8997</b> | <b>2.0200e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.8600e-003</b> | <b>0.2292</b> |          | <b>305.1582</b> | <b>305.1582</b> | <b>6.3600e-003</b> |     | <b>305.3171</b> |

**3.7 Architectural Coating - 2023****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 3.7692        | 37.6175        | 32.2459        | 0.0600        |               | 1.7725        | 1.7725        |                | 1.6381        | 1.6381        |          | 5,774.1866        | 5,774.1866        | 1.7767        |     | 5,818.6031        |
| <b>Total</b>    | <b>5.1825</b> | <b>37.6175</b> | <b>32.2459</b> | <b>0.0600</b> |               | <b>1.7725</b> | <b>1.7725</b> |                | <b>1.6381</b> | <b>1.6381</b> |          | <b>5,774.1866</b> | <b>5,774.1866</b> | <b>1.7767</b> |     | <b>5,818.6031</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2023****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       | 0.1118        | 0.0606        | 0.8350        | 2.9400e-003        | 0.8997        | 1.9800e-003        | 0.9017        | 0.2274         | 1.8200e-003        | 0.2292        |          | 293.4595        | 293.4595        | 5.7100e-003        |     | 293.6023        |
| <b>Total</b> | <b>0.1118</b> | <b>0.0606</b> | <b>0.8350</b> | <b>2.9400e-003</b> | <b>0.8997</b> | <b>1.9800e-003</b> | <b>0.9017</b> | <b>0.2274</b>  | <b>1.8200e-003</b> | <b>0.2292</b> |          | <b>293.4595</b> | <b>293.4595</b> | <b>5.7100e-003</b> |     | <b>293.6023</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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 3.7692        | 37.6175        | 32.2459        | 0.0600        |               | 1.7725        | 1.7725        |                | 1.6381        | 1.6381        | 0.0000        | 5,774.1866        | 5,774.1866        | 1.7767        |     | 5,818.6031        |
| <b>Total</b>    | <b>5.1825</b> | <b>37.6175</b> | <b>32.2459</b> | <b>0.0600</b> |               | <b>1.7725</b> | <b>1.7725</b> |                | <b>1.6381</b> | <b>1.6381</b> | <b>0.0000</b> | <b>5,774.1866</b> | <b>5,774.1866</b> | <b>1.7767</b> |     | <b>5,818.6031</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2023****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       | 0.1118        | 0.0606        | 0.8350        | 2.9400e-003        | 0.8997        | 1.9800e-003        | 0.9017        | 0.2274         | 1.8200e-003        | 0.2292        |          | 293.4595        | 293.4595        | 5.7100e-003        |     | 293.6023        |
| <b>Total</b> | <b>0.1118</b> | <b>0.0606</b> | <b>0.8350</b> | <b>2.9400e-003</b> | <b>0.8997</b> | <b>1.9800e-003</b> | <b>0.9017</b> | <b>0.2274</b>  | <b>1.8200e-003</b> | <b>0.2292</b> |          | <b>293.4595</b> | <b>293.4595</b> | <b>5.7100e-003</b> |     | <b>293.6023</b> |

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

Increase Transit Accessibility

## Glenview Terrace - Bay Area AQMD Air District, 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   | 0.3612 | 1.3709 | 3.5536 | 0.0137 | 1.2378        | 0.0106       | 1.2484     | 0.3311         | 9.9100e-003   | 0.3410      |          | 1,392.2634 | 1,392.2634 | 0.0457 |     | 1,393.4061 |
| Unmitigated | 0.3704 | 1.4218 | 3.7903 | 0.0148 | 1.3430        | 0.0114       | 1.3544     | 0.3593         | 0.0106        | 0.3699      |          | 1,501.0795 | 1,501.0795 | 0.0486 |     | 1,502.2938 |

## 4.2 Trip Summary Information

| Land Use              | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------|-------------------------|----------|--------|-------------|------------|
|                       | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Single Family Housing | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |
| Total                 | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |

## 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 |
| Single Family Housing | 10.80      | 4.80       | 5.70        | 31.00      | 15.00      | 54.00       | 86             | 11       | 3       |

## 4.4 Fleet Mix

| Land Use              | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Single Family Housing | 0.580272 | 0.038274 | 0.193741 | 0.109917 | 0.015100 | 0.005324 | 0.018491 | 0.026678 | 0.002649 | 0.002134 | 0.005793 | 0.000896 | 0.000732 |

## 5.0 Energy Detail

Historical Energy Use: N

Unmitigated Model Run

## Glenview Terrace - Bay Area AQMD Air District, Summer

**5.1 Mitigation Measures Energy**

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

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|                        | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O         | CO2e     |
|------------------------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|----------|
| Category               | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |           |           |             |             |          |
| NaturalGas Mitigated   | 0.0339 | 0.2895 | 0.1232 | 1.8500e-003 |               | 0.0234       | 0.0234     |                | 0.0234        | 0.0234      |          | 369.6310  | 369.6310  | 7.0800e-003 | 6.7800e-003 | 371.8276 |
| NaturalGas Unmitigated | 0.0363 | 0.3099 | 0.1319 | 1.9800e-003 |               | 0.0251       | 0.0251     |                | 0.0251        | 0.0251      |          | 395.6129  | 395.6129  | 7.5800e-003 | 7.2500e-003 | 397.9638 |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**5.2 Energy by Land Use - NaturalGas****Unmitigated**

|                       | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O                | CO2e            |
|-----------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Land Use              | kBTU/yr        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |                    |                    |                 |
| Single Family Housing | 3362.71        | 0.0363        | 0.3099        | 0.1319        | 1.9800e-003        |               | 0.0251        | 0.0251        |                | 0.0251        | 0.0251        |          | 395.6129        | 395.6129        | 7.5800e-003        | 7.2500e-003        | 397.9638        |
| <b>Total</b>          |                | <b>0.0363</b> | <b>0.3099</b> | <b>0.1319</b> | <b>1.9800e-003</b> |               | <b>0.0251</b> | <b>0.0251</b> |                | <b>0.0251</b> | <b>0.0251</b> |          | <b>395.6129</b> | <b>395.6129</b> | <b>7.5800e-003</b> | <b>7.2500e-003</b> | <b>397.9638</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   |                 |                 |                    |                    |                 |
| Single Family Housing | 3.14186        | 0.0339        | 0.2895        | 0.1232        | 1.8500e-003        |               | 0.0234        | 0.0234        |                | 0.0234        | 0.0234        |          | 369.6310        | 369.6310        | 7.0800e-003        | 6.7800e-003        | 371.8276        |
| <b>Total</b>          |                | <b>0.0339</b> | <b>0.2895</b> | <b>0.1232</b> | <b>1.8500e-003</b> |               | <b>0.0234</b> | <b>0.0234</b> |                | <b>0.0234</b> | <b>0.0234</b> |          | <b>369.6310</b> | <b>369.6310</b> | <b>7.0800e-003</b> | <b>6.7800e-003</b> | <b>371.8276</b> |

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



## Glenview Terrace - Bay Area AQMD Air District, Summer

No Hearths Installed

|             | ROG     | NOx    | CO      | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e     |
|-------------|---------|--------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|----------|
| Category    | lb/day  |        |         |             |               |              |            |                |               |             | lb/day   |           |           |             |        |          |
| Mitigated   | 1.3903  | 0.0276 | 2.3915  | 1.3000e-004 |               | 0.0133       | 0.0133     |                | 0.0133        | 0.0133      | 0.0000   | 4.3080    | 4.3080    | 4.1300e-003 | 0.0000 | 4.4114   |
| Unmitigated | 31.4435 | 0.6062 | 41.2599 | 0.0733      |               | 5.5094       | 5.5094     |                | 5.5094        | 5.5094      | 590.9718 | 183.4257  | 774.3975  | 0.7348      | 0.0417 | 805.1956 |

## 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 | 0.2014         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                 | 0.0000          |               |               | 0.0000          |
| Consumer Products     | 1.1171         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                 | 0.0000          |               |               | 0.0000          |
| Hearth                | 30.0532        | 0.5787        | 38.8684        | 0.0732        |               | 5.4962        | 5.4962        |                | 5.4962        | 5.4962        | 590.9718        | 179.1177        | 770.0895        | 0.7307        | 0.0417        | 800.7842        |
| Landscaping           | 0.0719         | 0.0276        | 2.3915         | 1.3000e-004   |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        |                 | 4.3080          | 4.3080          | 4.1300e-003   |               | 4.4114          |
| <b>Total</b>          | <b>31.4436</b> | <b>0.6062</b> | <b>41.2599</b> | <b>0.0733</b> |               | <b>5.5094</b> | <b>5.5094</b> |                | <b>5.5094</b> | <b>5.5094</b> | <b>590.9718</b> | <b>183.4257</b> | <b>774.3975</b> | <b>0.7348</b> | <b>0.0417</b> | <b>805.1956</b> |

Unmitigated Model Run

## Glenview Terrace - Bay Area AQMD Air District, 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 | 0.2014        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Consumer Products     | 1.1171        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.0719        | 0.0276        | 2.3915        | 1.3000e-004        |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        |               | 4.3080        | 4.3080        | 4.1300e-003        |               | 4.4114        |
| <b>Total</b>          | <b>1.3903</b> | <b>0.0276</b> | <b>2.3915</b> | <b>1.3000e-004</b> |               | <b>0.0133</b> | <b>0.0133</b> |                | <b>0.0133</b> | <b>0.0133</b> | <b>0.0000</b> | <b>4.3080</b> | <b>4.3080</b> | <b>4.1300e-003</b> | <b>0.0000</b> | <b>4.4114</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

**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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

Glenview Terrace - Bay Area AQMD Air District, Summer

## 10.0 Stationary Equipment

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### Fire Pumps and Emergency Generators

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

### Boilers

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

### User Defined Equipment

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

## 11.0 Vegetation

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## Glenview Terrace - Bay Area AQMD Air District, Winter

**Glenview Terrace**  
**Bay Area AQMD Air District, Winter****1.0 Project Characteristics**

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**1.1 Land Usage**

| Land Uses             | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------|-------|---------------|-------------|--------------------|------------|
| Single Family Housing | 29.00 | Dwelling Unit | 3.27        | 52,200.00          | 83         |

**1.2 Other Project Characteristics**

|                         |                                |                         |       |                           |       |
|-------------------------|--------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization            | Urban                          | Wind Speed (m/s)        | 2.2   | Precipitation Freq (Days) | 64    |
| Climate Zone            | 5                              |                         |       | Operational Year          | 2024  |
| Utility Company         | Pacific Gas & Electric Company |                         |       |                           |       |
| CO2 Intensity (lb/MWhr) | 245.88                         | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr)   | 0.006 |

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

## Glenview Terrace - Bay Area AQMD Air District, Winter

Project Characteristics - Updated co2 intensity factor per PG&E's RPS projections.

Land Use - updated lot acreage to match site plan.

Construction Phase - updating total days

Demolition -

Grading -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - Title 24 exceedance applied to reflect compliance with 2019 CBSC.

Vehicle Trips - Trip generation rate adjusted to match project-specific TIA.

Water Mitigation - Water conservation strategy applied to reflect compliance with 2019 CBSC and MWELO.

| Table Name           | Column Name    | Default Value | New Value  |
|----------------------|----------------|---------------|------------|
| tblConstructionPhase | NumDays        | 20.00         | 10.00      |
| tblConstructionPhase | NumDays        | 5.00          | 10.00      |
| tblConstructionPhase | NumDays        | 8.00          | 40.00      |
| tblConstructionPhase | NumDays        | 18.00         | 30.00      |
| tblConstructionPhase | NumDays        | 230.00        | 520.00     |
| tblConstructionPhase | NumDays        | 18.00         | 520.00     |
| tblConstructionPhase | PhaseEndDate   | 6/28/2021     | 6/14/2021  |
| tblConstructionPhase | PhaseEndDate   | 7/5/2021      | 6/28/2021  |
| tblConstructionPhase | PhaseEndDate   | 7/15/2021     | 8/23/2021  |
| tblConstructionPhase | PhaseEndDate   | 6/28/2022     | 10/4/2021  |
| tblConstructionPhase | PhaseEndDate   | 6/2/2022      | 10/2/2023  |
| tblConstructionPhase | PhaseEndDate   | 7/22/2022     | 10/16/2023 |
| tblConstructionPhase | PhaseStartDate | 6/29/2021     | 6/15/2021  |
| tblConstructionPhase | PhaseStartDate | 7/6/2021      | 6/29/2021  |
| tblConstructionPhase | PhaseStartDate | 6/3/2022      | 8/24/2021  |

## Glenview Terrace - Bay Area AQMD Air District, Winter

|                           |                    |           |            |
|---------------------------|--------------------|-----------|------------|
| tblConstructionPhase      | PhaseStartDate     | 7/16/2021 | 10/5/2021  |
| tblConstructionPhase      | PhaseStartDate     | 6/29/2022 | 10/19/2021 |
| tblGrading                | MaterialExported   | 0.00      | 8,200.00   |
| tblLandUse                | LotAcreage         | 9.42      | 3.27       |
| tblOffRoadEquipment       | UsageHours         | 7.00      | 8.00       |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35    | 245.88     |
| tblTripsAndVMT            | VendorTripNumber   | 3.00      | 0.00       |
| tblTripsAndVMT            | WorkerTripNumber   | 10.00     | 15.00      |
| tblTripsAndVMT            | WorkerTripNumber   | 2.00      | 18.00      |
| tblTripsAndVMT            | WorkerTripNumber   | 2.00      | 20.00      |
| tblVehicleTrips           | ST_TR              | 9.91      | 9.44       |
| tblVehicleTrips           | SU_TR              | 8.62      | 9.44       |
| tblVehicleTrips           | WD_TR              | 9.52      | 9.44       |

## 2.0 Emissions Summary

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## Glenview Terrace - Bay Area AQMD Air District, Winter

**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   |                 |                 |        |        |                 |
| 2021    | 11.0369 | 95.4962 | 69.2426 | 0.1220 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,755.63<br>66 | 11,755.63<br>66 | 3.3383 | 0.0000 | 11,839.09<br>42 |
| 2022    | 9.6352  | 80.9162 | 66.7913 | 0.1219 | 1.3184        | 3.9357       | 5.2541     | 0.3350         | 3.6460        | 3.9810      | 0.0000   | 11,739.48<br>61 | 11,739.48<br>61 | 3.3323 | 0.0000 | 11,822.79<br>31 |
| 2023    | 8.6666  | 70.2880 | 64.5697 | 0.1218 | 1.3184        | 3.2506       | 4.5690     | 0.3350         | 3.0126        | 3.3477      | 0.0000   | 11,722.72<br>81 | 11,722.72<br>81 | 3.3258 | 0.0000 | 11,805.87<br>21 |
| Maximum | 11.0369 | 95.4962 | 69.2426 | 0.1220 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,755.63<br>66 | 11,755.63<br>66 | 3.3383 | 0.0000 | 11,839.09<br>42 |

**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   |                 |                 |        |        |                 |
| 2021    | 11.0369 | 95.4962 | 69.2426 | 0.1220 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,755.63<br>66 | 11,755.63<br>66 | 3.3383 | 0.0000 | 11,839.09<br>42 |
| 2022    | 9.6352  | 80.9162 | 66.7913 | 0.1219 | 1.3184        | 3.9357       | 5.2541     | 0.3350         | 3.6460        | 3.9810      | 0.0000   | 11,739.48<br>61 | 11,739.48<br>61 | 3.3323 | 0.0000 | 11,822.79<br>31 |
| 2023    | 8.6666  | 70.2880 | 64.5697 | 0.1218 | 1.3184        | 3.2506       | 4.5690     | 0.3350         | 3.0126        | 3.3477      | 0.0000   | 11,722.72<br>81 | 11,722.72<br>81 | 3.3258 | 0.0000 | 11,805.87<br>20 |
| Maximum | 11.0369 | 95.4962 | 69.2426 | 0.1220 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,755.63<br>66 | 11,755.63<br>66 | 3.3383 | 0.0000 | 11,839.09<br>42 |

## Glenview Terrace - Bay Area AQMD Air District, Winter

|                   | ROG  | NOx  | CO   | SO2  | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4  | N2O  | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00          | 0.00         | 0.00       | 0.00           | 0.00          | 0.00        | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |



## Glenview Terrace - Bay Area AQMD Air District, 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         | 31.4435        | 0.6062        | 41.2599        | 0.0733        |               | 5.5094        | 5.5094        |                | 5.5094        | 5.5094        | 590.9718        | 183.4257          | 774.3975          | 0.7348        | 0.0417        | 805.1956          |
| Energy       | 0.0363         | 0.3099        | 0.1319         | 1.9800e-003   |               | 0.0251        | 0.0251        |                | 0.0251        | 0.0251        |                 | 395.6129          | 395.6129          | 7.5800e-003   | 7.2500e-003   | 397.9638          |
| Mobile       | 0.3181         | 1.4901        | 3.8006         | 0.0139        | 1.3430        | 0.0115        | 1.3545        | 0.3593         | 0.0107        | 0.3700        |                 | 1,406.4861        | 1,406.4861        | 0.0495        |               | 1,407.7240        |
| <b>Total</b> | <b>31.7979</b> | <b>2.4062</b> | <b>45.1924</b> | <b>0.0892</b> | <b>1.3430</b> | <b>5.5460</b> | <b>6.8890</b> | <b>0.3593</b>  | <b>5.5452</b> | <b>5.9045</b> | <b>590.9718</b> | <b>1,985.5247</b> | <b>2,576.4965</b> | <b>0.7919</b> | <b>0.0490</b> | <b>2,610.8834</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         | 1.3903        | 0.0276        | 2.3915        | 1.3000e-004   |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        | 0.0000        | 4.3080            | 4.3080            | 4.1300e-003   | 0.0000             | 4.4114            |
| Energy       | 0.0339        | 0.2895        | 0.1232        | 1.8500e-003   |               | 0.0234        | 0.0234        |                | 0.0234        | 0.0234        |               | 369.6310          | 369.6310          | 7.0800e-003   | 6.7800e-003        | 371.8276          |
| Mobile       | 0.3090        | 1.4334        | 3.5898        | 0.0129        | 1.2378        | 0.0107        | 1.2484        | 0.3311         | 9.9600e-003   | 0.3411        |               | 1,304.2921        | 1,304.2921        | 0.0468        |                    | 1,305.4612        |
| <b>Total</b> | <b>1.7333</b> | <b>1.7505</b> | <b>6.1046</b> | <b>0.0149</b> | <b>1.2378</b> | <b>0.0474</b> | <b>1.2851</b> | <b>0.3311</b>  | <b>0.0466</b> | <b>0.3777</b> | <b>0.0000</b> | <b>1,678.2311</b> | <b>1,678.2311</b> | <b>0.0580</b> | <b>6.7800e-003</b> | <b>1,681.7001</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

|                   | ROG   | NOx   | CO    | SO2   | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4   | N2O   | CO2e  |
|-------------------|-------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------|-------|-------|
| Percent Reduction | 94.55 | 27.25 | 86.49 | 83.35 | 7.84          | 99.15        | 81.35      | 7.84           | 99.16         | 93.60       | 100.00   | 15.48    | 34.86     | 92.68 | 86.15 | 35.59 |

### 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            | 6/1/2021   | 6/14/2021  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 6/15/2021  | 6/28/2021  | 5             | 10       |                   |
| 3            | Grading               | Grading               | 6/29/2021  | 8/23/2021  | 5             | 40       |                   |
| 4            | Building Construction | Building Construction | 10/5/2021  | 10/2/2023  | 5             | 520      |                   |
| 5            | Paving                | Paving                | 8/24/2021  | 10/4/2021  | 5             | 30       |                   |
| 6            | Architectural Coating | Architectural Coating | 10/19/2021 | 10/16/2023 | 5             | 520      |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20

Acres of Paving: 0

Residential Indoor: 105,705; Residential Outdoor: 35,235; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0  
(Architectural Coating – sqft)

#### OffRoad Equipment

| Phase Name       | Offroad Equipment Type   | Amount | Usage Hours | Horse Power | Load Factor |
|------------------|--------------------------|--------|-------------|-------------|-------------|
| Demolition       | Concrete/Industrial Saws | 1      | 8.00        | 81          | 0.73        |
| Demolition       | Excavators               | 3      | 8.00        | 158         | 0.38        |
| Demolition       | Rubber Tired Dozers      | 2      | 8.00        | 247         | 0.40        |
| Site Preparation | Rubber Tired Dozers      | 3      | 8.00        | 247         | 0.40        |

## Glenview Terrace - Bay Area AQMD Air District, Winter

|                       |                           |   |      |     |      |
|-----------------------|---------------------------|---|------|-----|------|
| Site Preparation      | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |
| Grading               | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Grading               | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Grading               | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Grading               | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Paving                | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Paving                | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Paving                | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Paving                | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Paving                | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Building Construction | Cranes                    | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Building Construction | Forklifts                 | 3 | 8.00 | 89  | 0.20 |
| Building Construction | Generator Sets            | 1 | 8.00 | 84  | 0.74 |
| Building Construction | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Building Construction | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97  | 0.37 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Building Construction | Welders                   | 1 | 8.00 | 46  | 0.45 |
| Architectural Coating | Air Compressors           | 1 | 6.00 | 78  | 0.48 |
| Architectural Coating | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Architectural Coating | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Architectural Coating | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Architectural Coating | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Architectural Coating | Rubber Tired Dozers       | 3 | 8.00 | 247 | 0.40 |
| Architectural Coating | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Architectural Coating | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**Trips and VMT**

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 36.00               | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 6                       | 15.00              | 0.00               | 1,025.00            | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 8                       | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 15.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 10.00              | 3.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 2.00               | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction****3.2 Demolition - 2021****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 |               |                |                |               | 0.7875        | 0.0000        | 0.7875        | 0.1192         | 0.0000        | 0.1192        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        |          | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>0.7875</b> | <b>1.5513</b> | <b>2.3388</b> | <b>0.1192</b>  | <b>1.4411</b> | <b>1.5603</b> |          | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

Unmitigated Model Run

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.2 Demolition - 2021****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      | 0.0288        | 0.9748        | 0.2156        | 2.7800e-003        | 0.0629        | 3.0400e-003        | 0.0659        | 0.0172         | 2.9100e-003        | 0.0201        |          | 297.2558        | 297.2558        | 0.0157        |     | 297.6491        |
| 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        | 0.0348        | 0.3447        | 1.1000e-003        | 0.1232        | 7.8000e-004        | 0.1240        | 0.0327         | 7.1000e-004        | 0.0334        |          | 109.4305        | 109.4305        | 2.4800e-003   |     | 109.4924        |
| <b>Total</b> | <b>0.0799</b> | <b>1.0097</b> | <b>0.5603</b> | <b>3.8800e-003</b> | <b>0.1861</b> | <b>3.8200e-003</b> | <b>0.1899</b> | <b>0.0499</b>  | <b>3.6200e-003</b> | <b>0.0535</b> |          | <b>406.6863</b> | <b>406.6863</b> | <b>0.0182</b> |     | <b>407.1415</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 |               |                |                |               | 0.7875        | 0.0000        | 0.7875        | 0.1192         | 0.0000        | 0.1192        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        | 0.0000        | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>0.7875</b> | <b>1.5513</b> | <b>2.3388</b> | <b>0.1192</b>  | <b>1.4411</b> | <b>1.5603</b> | <b>0.0000</b> | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.2 Demolition - 2021****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      | 0.0288        | 0.9748        | 0.2156        | 2.7800e-003        | 0.0629        | 3.0400e-003        | 0.0659        | 0.0172         | 2.9100e-003        | 0.0201        |          | 297.2558        | 297.2558        | 0.0157        |     | 297.6491        |
| 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        | 0.0348        | 0.3447        | 1.1000e-003        | 0.1232        | 7.8000e-004        | 0.1240        | 0.0327         | 7.1000e-004        | 0.0334        |          | 109.4305        | 109.4305        | 2.4800e-003   |     | 109.4924        |
| <b>Total</b> | <b>0.0799</b> | <b>1.0097</b> | <b>0.5603</b> | <b>3.8800e-003</b> | <b>0.1861</b> | <b>3.8200e-003</b> | <b>0.1899</b> | <b>0.0499</b>  | <b>3.6200e-003</b> | <b>0.0535</b> |          | <b>406.6863</b> | <b>406.6863</b> | <b>0.0182</b> |     | <b>407.1415</b> |

**3.3 Site Preparation - 2021****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 |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         |          | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715,4573        |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> |          | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715,4573</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.3 Site Preparation - 2021****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       | 0.0613        | 0.0418        | 0.4137        | 1.3200e-003        | 0.1479        | 9.3000e-004        | 0.1488        | 0.0392         | 8.6000e-004        | 0.0401        |          | 131.3166        | 131.3166        | 2.9700e-003        |     | 131.3909        |
| <b>Total</b> | <b>0.0613</b> | <b>0.0418</b> | <b>0.4137</b> | <b>1.3200e-003</b> | <b>0.1479</b> | <b>9.3000e-004</b> | <b>0.1488</b> | <b>0.0392</b>  | <b>8.6000e-004</b> | <b>0.0401</b> |          | <b>131.3166</b> | <b>131.3166</b> | <b>2.9700e-003</b> |     | <b>131.3909</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 |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         | 0.0000        | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715,4573        |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> | <b>0.0000</b> | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715,4573</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.3 Site Preparation - 2021****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       | 0.0613        | 0.0418        | 0.4137        | 1.3200e-003        | 0.1479        | 9.3000e-004        | 0.1488        | 0.0392         | 8.6000e-004        | 0.0401        |          | 131.3166        | 131.3166        | 2.9700e-003        |     | 131.3909        |
| <b>Total</b> | <b>0.0613</b> | <b>0.0418</b> | <b>0.4137</b> | <b>1.3200e-003</b> | <b>0.1479</b> | <b>9.3000e-004</b> | <b>0.1488</b> | <b>0.0392</b>  | <b>8.6000e-004</b> | <b>0.0401</b> |          | <b>131.3166</b> | <b>131.3166</b> | <b>2.9700e-003</b> |     | <b>131.3909</b> |

**3.4 Grading - 2021****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 |               |                |                |               | 6.5755        | 0.0000        | 6.5755        | 3.3710         | 0.0000        | 3.3710        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 2.2903        | 24.7367        | 15.8575        | 0.0296        |               | 1.1599        | 1.1599        |                | 1.0671        | 1.0671        |          | 2,871.9285        | 2,871.9285        | 0.9288        |     | 2,895,1495        |
| <b>Total</b>  | <b>2.2903</b> | <b>24.7367</b> | <b>15.8575</b> | <b>0.0296</b> | <b>6.5755</b> | <b>1.1599</b> | <b>7.7354</b> | <b>3.3710</b>  | <b>1.0671</b> | <b>4.4381</b> |          | <b>2,871.9285</b> | <b>2,871.9285</b> | <b>0.9288</b> |     | <b>2,895,1495</b> |



## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.4 Grading - 2021****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      | 0.2050        | 6.9389        | 1.5344        | 0.0198        | 0.4477        | 0.0216        | 0.4693        | 0.1227         | 0.0207        | 0.1434        |          | 2,115.883<br>4         | 2,115.883<br>4         | 0.1120        |     | 2,118.683<br>1         |
| 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        | 0.0348        | 0.3447        | 1.1000e-003   | 0.1232        | 7.8000e-004   | 0.1240        | 0.0327         | 7.1000e-004   | 0.0334        |          | 109.4305               | 109.4305               | 2.4800e-003   |     | 109.4924               |
| <b>Total</b> | <b>0.2561</b> | <b>6.9737</b> | <b>1.8792</b> | <b>0.0209</b> | <b>0.5709</b> | <b>0.0224</b> | <b>0.5933</b> | <b>0.1554</b>  | <b>0.0214</b> | <b>0.1768</b> |          | <b>2,225.313<br/>9</b> | <b>2,225.313<br/>9</b> | <b>0.1145</b> |     | <b>2,228.175<br/>5</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 |               |                |                |               | 6.5755        | 0.0000        | 6.5755        | 3.3710         | 0.0000        | 3.3710        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 2.2903        | 24.7367        | 15.8575        | 0.0296        |               | 1.1599        | 1.1599        |                | 1.0671        | 1.0671        | 0.0000        | 2,871.928<br>5         | 2,871.928<br>5         | 0.9288        |     | 2,895.149<br>5         |
| <b>Total</b>  | <b>2.2903</b> | <b>24.7367</b> | <b>15.8575</b> | <b>0.0296</b> | <b>6.5755</b> | <b>1.1599</b> | <b>7.7354</b> | <b>3.3710</b>  | <b>1.0671</b> | <b>4.4381</b> | <b>0.0000</b> | <b>2,871.928<br/>5</b> | <b>2,871.928<br/>5</b> | <b>0.9288</b> |     | <b>2,895.149<br/>5</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.4 Grading - 2021****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      | 0.2050        | 6.9389        | 1.5344        | 0.0198        | 0.4477        | 0.0216        | 0.4693        | 0.1227         | 0.0207        | 0.1434        |          | 2,115.883<br>4         | 2,115.883<br>4         | 0.1120        |     | 2,118.683<br>1         |
| 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        | 0.0348        | 0.3447        | 1.1000e-003   | 0.1232        | 7.8000e-004   | 0.1240        | 0.0327         | 7.1000e-004   | 0.0334        |          | 109.4305               | 109.4305               | 2.4800e-003   |     | 109.4924               |
| <b>Total</b> | <b>0.2561</b> | <b>6.9737</b> | <b>1.8792</b> | <b>0.0209</b> | <b>0.5709</b> | <b>0.0224</b> | <b>0.5933</b> | <b>0.1554</b>  | <b>0.0214</b> | <b>0.1768</b> |          | <b>2,225.313<br/>9</b> | <b>2,225.313<br/>9</b> | <b>0.1145</b> |     | <b>2,228.175<br/>5</b> |

**3.5 Building Construction - 2021****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     | 4.1913        | 42.1688        | 32.4327        | 0.0566        |               | 2.1185        | 2.1185        |                | 1.9684        | 1.9684        |          | 5,425.292<br>4         | 5,425.292<br>4         | 1.5449        |     | 5,463.913<br>8         |
| <b>Total</b> | <b>4.1913</b> | <b>42.1688</b> | <b>32.4327</b> | <b>0.0566</b> |               | <b>2.1185</b> | <b>2.1185</b> |                | <b>1.9684</b> | <b>1.9684</b> |          | <b>5,425.292<br/>4</b> | <b>5,425.292<br/>4</b> | <b>1.5449</b> |     | <b>5,463.913<br/>8</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2021****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       | 9.8600e-003   | 0.3127        | 0.0840        | 8.0000e-004        | 0.0348        | 7.0000e-004        | 0.0355        | 9.4000e-003    | 6.6000e-004        | 0.0101        |          | 84.4881         | 84.4881         | 4.4000e-003        |     | 84.5982         |
| Worker       | 0.0852        | 0.0580        | 0.5745        | 1.8300e-003        | 0.3839        | 1.2900e-003        | 0.3852        | 0.0983         | 1.1900e-003        | 0.0995        |          | 182.3842        | 182.3842        | 4.1300e-003        |     | 182.4873        |
| <b>Total</b> | <b>0.0950</b> | <b>0.3707</b> | <b>0.6586</b> | <b>2.6300e-003</b> | <b>0.4186</b> | <b>1.9900e-003</b> | <b>0.4206</b> | <b>0.1077</b>  | <b>1.8500e-003</b> | <b>0.1095</b> |          | <b>266.8723</b> | <b>266.8723</b> | <b>8.5300e-003</b> |     | <b>267.0855</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     | 4.1913        | 42.1688        | 32.4327        | 0.0566        |               | 2.1185        | 2.1185        |                | 1.9684        | 1.9684        | 0.0000        | 5,425.2924        | 5,425.2924        | 1.5449        |     | 5,463.9138        |
| <b>Total</b> | <b>4.1913</b> | <b>42.1688</b> | <b>32.4327</b> | <b>0.0566</b> |               | <b>2.1185</b> | <b>2.1185</b> |                | <b>1.9684</b> | <b>1.9684</b> | <b>0.0000</b> | <b>5,425.2924</b> | <b>5,425.2924</b> | <b>1.5449</b> |     | <b>5,463.9138</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2021****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       | 9.8600e-003   | 0.3127        | 0.0840        | 8.0000e-004        | 0.0348        | 7.0000e-004        | 0.0355        | 9.4000e-003    | 6.6000e-004        | 0.0101        |          | 84.4881         | 84.4881         | 4.4000e-003        |     | 84.5982         |
| Worker       | 0.0852        | 0.0580        | 0.5745        | 1.8300e-003        | 0.3839        | 1.2900e-003        | 0.3852        | 0.0983         | 1.1900e-003        | 0.0995        |          | 182.3842        | 182.3842        | 4.1300e-003        |     | 182.4873        |
| <b>Total</b> | <b>0.0950</b> | <b>0.3707</b> | <b>0.6586</b> | <b>2.6300e-003</b> | <b>0.4186</b> | <b>1.9900e-003</b> | <b>0.4206</b> | <b>0.1077</b>  | <b>1.8500e-003</b> | <b>0.1095</b> |          | <b>266.8723</b> | <b>266.8723</b> | <b>8.5300e-003</b> |     | <b>267.0855</b> |

**3.5 Building Construction - 2022****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     | 3.6549        | 36.4708        | 31.6361        | 0.0566        |               | 1.7499        | 1.7499        |                | 1.6267        | 1.6267        |          | 5,426.3800        | 5,426.3800        | 1.5408        |     | 5,464.9006        |
| <b>Total</b> | <b>3.6549</b> | <b>36.4708</b> | <b>31.6361</b> | <b>0.0566</b> |               | <b>1.7499</b> | <b>1.7499</b> |                | <b>1.6267</b> | <b>1.6267</b> |          | <b>5,426.3800</b> | <b>5,426.3800</b> | <b>1.5408</b> |     | <b>5,464.9006</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2022****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       | 9.1900e-003   | 0.2960        | 0.0790        | 7.9000e-004        | 0.0348        | 6.0000e-004        | 0.0354        | 9.4000e-003    | 5.8000e-004        | 9.9800e-003   |          | 83.6517         | 83.6517         | 4.2000e-003        |     | 83.7568         |
| Worker       | 0.0795        | 0.0520        | 0.5272        | 1.7600e-003        | 0.3839        | 1.2600e-003        | 0.3851        | 0.0983         | 1.1600e-003        | 0.0995        |          | 175.6980        | 175.6980        | 3.7000e-003        |     | 175.7904        |
| <b>Total</b> | <b>0.0887</b> | <b>0.3481</b> | <b>0.6062</b> | <b>2.5500e-003</b> | <b>0.4186</b> | <b>1.8600e-003</b> | <b>0.4205</b> | <b>0.1077</b>  | <b>1.7400e-003</b> | <b>0.1094</b> |          | <b>259.3497</b> | <b>259.3497</b> | <b>7.9000e-003</b> |     | <b>259.5472</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     | 3.6549        | 36.4708        | 31.6361        | 0.0566        |               | 1.7499        | 1.7499        |                | 1.6267        | 1.6267        | 0.0000        | 5,426.3800        | 5,426.3800        | 1.5408        |     | 5,464.9006        |
| <b>Total</b> | <b>3.6549</b> | <b>36.4708</b> | <b>31.6361</b> | <b>0.0566</b> |               | <b>1.7499</b> | <b>1.7499</b> |                | <b>1.6267</b> | <b>1.6267</b> | <b>0.0000</b> | <b>5,426.3800</b> | <b>5,426.3800</b> | <b>1.5408</b> |     | <b>5,464.9006</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2022****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       | 9.1900e-003   | 0.2960        | 0.0790        | 7.9000e-004        | 0.0348        | 6.0000e-004        | 0.0354        | 9.4000e-003    | 5.8000e-004        | 9.9800e-003   |          | 83.6517         | 83.6517         | 4.2000e-003        |     | 83.7568         |
| Worker       | 0.0795        | 0.0520        | 0.5272        | 1.7600e-003        | 0.3839        | 1.2600e-003        | 0.3851        | 0.0983         | 1.1600e-003        | 0.0995        |          | 175.6980        | 175.6980        | 3.7000e-003        |     | 175.7904        |
| <b>Total</b> | <b>0.0887</b> | <b>0.3481</b> | <b>0.6062</b> | <b>2.5500e-003</b> | <b>0.4186</b> | <b>1.8600e-003</b> | <b>0.4205</b> | <b>0.1077</b>  | <b>1.7400e-003</b> | <b>0.1094</b> |          | <b>259.3497</b> | <b>259.3497</b> | <b>7.9000e-003</b> |     | <b>259.5472</b> |

**3.5 Building Construction - 2023****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     | 3.2837        | 32.3207        | 30.9947        | 0.0566        |               | 1.4747        | 1.4747        |                | 1.3714        | 1.3714        |          | 5,427.9009        | 5,427.9009        | 1.5369        |     | 5,466.3242        |
| <b>Total</b> | <b>3.2837</b> | <b>32.3207</b> | <b>30.9947</b> | <b>0.0566</b> |               | <b>1.4747</b> | <b>1.4747</b> |                | <b>1.3714</b> | <b>1.3714</b> |          | <b>5,427.9009</b> | <b>5,427.9009</b> | <b>1.5369</b> |     | <b>5,466.3242</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2023****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       | 6.9100e-003   | 0.2282        | 0.0701        | 7.7000e-004        | 0.0348        | 2.7000e-004        | 0.0351        | 9.4000e-003    | 2.6000e-004        | 9.6600e-003   |          | 81.3198         | 81.3198         | 3.5700e-003        |     | 81.4091         |
| Worker       | 0.0745        | 0.0468        | 0.4842        | 1.6900e-003        | 0.3839        | 1.2400e-003        | 0.3851        | 0.0983         | 1.1400e-003        | 0.0994        |          | 168.9695        | 168.9695        | 3.3100e-003        |     | 169.0522        |
| <b>Total</b> | <b>0.0814</b> | <b>0.2749</b> | <b>0.5544</b> | <b>2.4600e-003</b> | <b>0.4186</b> | <b>1.5100e-003</b> | <b>0.4202</b> | <b>0.1077</b>  | <b>1.4000e-003</b> | <b>0.1091</b> |          | <b>250.2894</b> | <b>250.2894</b> | <b>6.8800e-003</b> |     | <b>250.4613</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     | 3.2837        | 32.3207        | 30.9947        | 0.0566        |               | 1.4747        | 1.4747        |                | 1.3714        | 1.3714        | 0.0000        | 5,427.9009        | 5,427.9009        | 1.5369        |     | 5,466.3242        |
| <b>Total</b> | <b>3.2837</b> | <b>32.3207</b> | <b>30.9947</b> | <b>0.0566</b> |               | <b>1.4747</b> | <b>1.4747</b> |                | <b>1.3714</b> | <b>1.3714</b> | <b>0.0000</b> | <b>5,427.9009</b> | <b>5,427.9009</b> | <b>1.5369</b> |     | <b>5,466.3242</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2023****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       | 6.9100e-003   | 0.2282        | 0.0701        | 7.7000e-004        | 0.0348        | 2.7000e-004        | 0.0351        | 9.4000e-003    | 2.6000e-004        | 9.6600e-003   |          | 81.3198         | 81.3198         | 3.5700e-003        |     | 81.4091         |
| Worker       | 0.0745        | 0.0468        | 0.4842        | 1.6900e-003        | 0.3839        | 1.2400e-003        | 0.3851        | 0.0983         | 1.1400e-003        | 0.0994        |          | 168.9695        | 168.9695        | 3.3100e-003        |     | 169.0522        |
| <b>Total</b> | <b>0.0814</b> | <b>0.2749</b> | <b>0.5544</b> | <b>2.4600e-003</b> | <b>0.4186</b> | <b>1.5100e-003</b> | <b>0.4202</b> | <b>0.1077</b>  | <b>1.4000e-003</b> | <b>0.1091</b> |          | <b>250.2894</b> | <b>250.2894</b> | <b>6.8800e-003</b> |     | <b>250.4613</b> |

**3.6 Paving - 2021****Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 1.0940        | 10.8399        | 12.2603        | 0.0189        |               | 0.5788        | 0.5788        |                | 0.5342        | 0.5342        |          | 1,804.5523        | 1,804.5523        | 0.5670        |     | 1,818.7270        |
| Paving       | 0.0000        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>1.0940</b> | <b>10.8399</b> | <b>12.2603</b> | <b>0.0189</b> |               | <b>0.5788</b> | <b>0.5788</b> |                | <b>0.5342</b> | <b>0.5342</b> |          | <b>1,804.5523</b> | <b>1,804.5523</b> | <b>0.5670</b> |     | <b>1,818.7270</b> |



## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.6 Paving - 2021****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       | 0.0681        | 0.0464        | 0.4596        | 1.4600e-003        | 0.1643        | 1.0300e-003        | 0.1653        | 0.0436         | 9.5000e-004        | 0.0445        |          | 145.9073        | 145.9073        | 3.3000e-003        |     | 145.9899        |
| <b>Total</b> | <b>0.0681</b> | <b>0.0464</b> | <b>0.4596</b> | <b>1.4600e-003</b> | <b>0.1643</b> | <b>1.0300e-003</b> | <b>0.1653</b> | <b>0.0436</b>  | <b>9.5000e-004</b> | <b>0.0445</b> |          | <b>145.9073</b> | <b>145.9073</b> | <b>3.3000e-003</b> |     | <b>145.9899</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0940        | 10.8399        | 12.2603        | 0.0189        |               | 0.5788        | 0.5788        |                | 0.5342        | 0.5342        | 0.0000        | 1,804.5523        | 1,804.5523        | 0.5670        |     | 1,818.7270        |
| Paving       | 0.0000        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>1.0940</b> | <b>10.8399</b> | <b>12.2603</b> | <b>0.0189</b> |               | <b>0.5788</b> | <b>0.5788</b> |                | <b>0.5342</b> | <b>0.5342</b> | <b>0.0000</b> | <b>1,804.5523</b> | <b>1,804.5523</b> | <b>0.5670</b> |     | <b>1,818.7270</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.6 Paving - 2021****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       | 0.0681        | 0.0464        | 0.4596        | 1.4600e-003        | 0.1643        | 1.0300e-003        | 0.1653        | 0.0436         | 9.5000e-004        | 0.0445        |          | 145.9073        | 145.9073        | 3.3000e-003        |     | 145.9899        |
| <b>Total</b> | <b>0.0681</b> | <b>0.0464</b> | <b>0.4596</b> | <b>1.4600e-003</b> | <b>0.1643</b> | <b>1.0300e-003</b> | <b>0.1653</b> | <b>0.0436</b>  | <b>9.5000e-004</b> | <b>0.0445</b> |          | <b>145.9073</b> | <b>145.9073</b> | <b>3.3000e-003</b> |     | <b>145.9899</b> |

**3.7 Architectural Coating - 2021****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 5.2010        | 52.8638        | 35.2321        | 0.0599        |               | 2.7174        | 2.7174        |                | 2.5092        | 2.5092        |          | 5,771.6572        | 5,771.6572        | 1.7783        |     | 5,816.1152        |
| <b>Total</b>    | <b>6.6143</b> | <b>52.8638</b> | <b>35.2321</b> | <b>0.0599</b> |               | <b>2.7174</b> | <b>2.7174</b> |                | <b>2.5092</b> | <b>2.5092</b> |          | <b>5,771.6572</b> | <b>5,771.6572</b> | <b>1.7783</b> |     | <b>5,816.1152</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2021****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       | 0.1363        | 0.0928        | 0.9193        | 2.9300e-003        | 0.8997        | 2.0700e-003        | 0.9018        | 0.2274         | 1.9000e-003        | 0.2293        |          | 291.8147        | 291.8147        | 6.6000e-003        |     | 291.9797        |
| <b>Total</b> | <b>0.1363</b> | <b>0.0928</b> | <b>0.9193</b> | <b>2.9300e-003</b> | <b>0.8997</b> | <b>2.0700e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.9000e-003</b> | <b>0.2293</b> |          | <b>291.8147</b> | <b>291.8147</b> | <b>6.6000e-003</b> |     | <b>291.9797</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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road        | 5.2010        | 52.8638        | 35.2321        | 0.0599        |               | 2.7174        | 2.7174        |                | 2.5092        | 2.5092        | 0.0000        | 5,771.657<br>2         | 5,771.657<br>2         | 1.7783        |     | 5,816.115<br>2         |
| <b>Total</b>    | <b>6.6143</b> | <b>52.8638</b> | <b>35.2321</b> | <b>0.0599</b> |               | <b>2.7174</b> | <b>2.7174</b> |                | <b>2.5092</b> | <b>2.5092</b> | <b>0.0000</b> | <b>5,771.657<br/>2</b> | <b>5,771.657<br/>2</b> | <b>1.7783</b> |     | <b>5,816.115<br/>2</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2021****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       | 0.1363        | 0.0928        | 0.9193        | 2.9300e-003        | 0.8997        | 2.0700e-003        | 0.9018        | 0.2274         | 1.9000e-003        | 0.2293        |          | 291.8147        | 291.8147        | 6.6000e-003        |     | 291.9797        |
| <b>Total</b> | <b>0.1363</b> | <b>0.0928</b> | <b>0.9193</b> | <b>2.9300e-003</b> | <b>0.8997</b> | <b>2.0700e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.9000e-003</b> | <b>0.2293</b> |          | <b>291.8147</b> | <b>291.8147</b> | <b>6.6000e-003</b> |     | <b>291.9797</b> |

**3.7 Architectural Coating - 2022****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 4.3512        | 44.0141        | 33.7054        | 0.0599        |               | 2.1819        | 2.1819        |                | 2.0156        | 2.0156        |          | 5,772.6396        | 5,772.6396        | 1.7777        |     | 5,817.0807        |
| <b>Total</b>    | <b>5.7645</b> | <b>44.0141</b> | <b>33.7054</b> | <b>0.0599</b> |               | <b>2.1819</b> | <b>2.1819</b> |                | <b>2.0156</b> | <b>2.0156</b> |          | <b>5,772.6396</b> | <b>5,772.6396</b> | <b>1.7777</b> |     | <b>5,817.0807</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2022****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       | 0.1272        | 0.0832        | 0.8436        | 2.8200e-003        | 0.8997        | 2.0200e-003        | 0.9018        | 0.2274         | 1.8600e-003        | 0.2292        |          | 281.1168        | 281.1168        | 5.9100e-003        |     | 281.2646        |
| <b>Total</b> | <b>0.1272</b> | <b>0.0832</b> | <b>0.8436</b> | <b>2.8200e-003</b> | <b>0.8997</b> | <b>2.0200e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.8600e-003</b> | <b>0.2292</b> |          | <b>281.1168</b> | <b>281.1168</b> | <b>5.9100e-003</b> |     | <b>281.2646</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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 4.3512        | 44.0141        | 33.7054        | 0.0599        |               | 2.1819        | 2.1819        |                | 2.0156        | 2.0156        | 0.0000        | 5,772.6396        | 5,772.6396        | 1.7777        |     | 5,817.0807        |
| <b>Total</b>    | <b>5.7645</b> | <b>44.0141</b> | <b>33.7054</b> | <b>0.0599</b> |               | <b>2.1819</b> | <b>2.1819</b> |                | <b>2.0156</b> | <b>2.0156</b> | <b>0.0000</b> | <b>5,772.6396</b> | <b>5,772.6396</b> | <b>1.7777</b> |     | <b>5,817.0807</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2022****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       | 0.1272        | 0.0832        | 0.8436        | 2.8200e-003        | 0.8997        | 2.0200e-003        | 0.9018        | 0.2274         | 1.8600e-003        | 0.2292        |          | 281.1168        | 281.1168        | 5.9100e-003        |     | 281.2646        |
| <b>Total</b> | <b>0.1272</b> | <b>0.0832</b> | <b>0.8436</b> | <b>2.8200e-003</b> | <b>0.8997</b> | <b>2.0200e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.8600e-003</b> | <b>0.2292</b> |          | <b>281.1168</b> | <b>281.1168</b> | <b>5.9100e-003</b> |     | <b>281.2646</b> |

**3.7 Architectural Coating - 2023****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 3.7692        | 37.6175        | 32.2459        | 0.0600        |               | 1.7725        | 1.7725        |                | 1.6381        | 1.6381        |          | 5,774.1866        | 5,774.1866        | 1.7767        |     | 5,818.6031        |
| <b>Total</b>    | <b>5.1825</b> | <b>37.6175</b> | <b>32.2459</b> | <b>0.0600</b> |               | <b>1.7725</b> | <b>1.7725</b> |                | <b>1.6381</b> | <b>1.6381</b> |          | <b>5,774.1866</b> | <b>5,774.1866</b> | <b>1.7767</b> |     | <b>5,818.6031</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2023****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       | 0.1191        | 0.0748        | 0.7747        | 2.7100e-003        | 0.8997        | 1.9800e-003        | 0.9017        | 0.2274         | 1.8200e-003        | 0.2292        |          | 270.3513        | 270.3513        | 5.2900e-003        |     | 270.4835        |
| <b>Total</b> | <b>0.1191</b> | <b>0.0748</b> | <b>0.7747</b> | <b>2.7100e-003</b> | <b>0.8997</b> | <b>1.9800e-003</b> | <b>0.9017</b> | <b>0.2274</b>  | <b>1.8200e-003</b> | <b>0.2292</b> |          | <b>270.3513</b> | <b>270.3513</b> | <b>5.2900e-003</b> |     | <b>270.4835</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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 3.7692        | 37.6175        | 32.2459        | 0.0600        |               | 1.7725        | 1.7725        |                | 1.6381        | 1.6381        | 0.0000        | 5,774.1866        | 5,774.1866        | 1.7767        |     | 5,818.6031        |
| <b>Total</b>    | <b>5.1825</b> | <b>37.6175</b> | <b>32.2459</b> | <b>0.0600</b> |               | <b>1.7725</b> | <b>1.7725</b> |                | <b>1.6381</b> | <b>1.6381</b> | <b>0.0000</b> | <b>5,774.1866</b> | <b>5,774.1866</b> | <b>1.7767</b> |     | <b>5,818.6031</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2023****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       | 0.1191        | 0.0748        | 0.7747        | 2.7100e-003        | 0.8997        | 1.9800e-003        | 0.9017        | 0.2274         | 1.8200e-003        | 0.2292        |          | 270.3513        | 270.3513        | 5.2900e-003        |     | 270.4835        |
| <b>Total</b> | <b>0.1191</b> | <b>0.0748</b> | <b>0.7747</b> | <b>2.7100e-003</b> | <b>0.8997</b> | <b>1.9800e-003</b> | <b>0.9017</b> | <b>0.2274</b>  | <b>1.8200e-003</b> | <b>0.2292</b> |          | <b>270.3513</b> | <b>270.3513</b> | <b>5.2900e-003</b> |     | <b>270.4835</b> |

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

Increase Transit Accessibility



## Glenview Terrace - Bay Area AQMD Air District, 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   | 0.3090 | 1.4334 | 3.5898 | 0.0129 | 1.2378        | 0.0107       | 1.2484     | 0.3311         | 9.9600e-003   | 0.3411      |          | 1,304.292<br>1 | 1,304.292<br>1 | 0.0468 |     | 1,305.461<br>2 |
| Unmitigated | 0.3181 | 1.4901 | 3.8006 | 0.0139 | 1.3430        | 0.0115       | 1.3545     | 0.3593         | 0.0107        | 0.3700      |          | 1,406.486<br>1 | 1,406.486<br>1 | 0.0495 |     | 1,407.724<br>0 |

## 4.2 Trip Summary Information

| Land Use              | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------|-------------------------|----------|--------|-------------|------------|
|                       | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Single Family Housing | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |
| Total                 | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |

## 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 |
| Single Family Housing | 10.80      | 4.80       | 5.70        | 31.00      | 15.00      | 54.00       | 86             | 11       | 3       |

## 4.4 Fleet Mix

| Land Use              | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Single Family Housing | 0.580272 | 0.038274 | 0.193741 | 0.109917 | 0.015100 | 0.005324 | 0.018491 | 0.026678 | 0.002649 | 0.002134 | 0.005793 | 0.000896 | 0.000732 |

## 5.0 Energy Detail

Historical Energy Use: N

Unmitigated Model Run

## Glenview Terrace - Bay Area AQMD Air District, Winter

**5.1 Mitigation Measures Energy**

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

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|                        | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O         | CO2e     |
|------------------------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|----------|
| Category               | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |           |           |             |             |          |
| NaturalGas Mitigated   | 0.0339 | 0.2895 | 0.1232 | 1.8500e-003 |               | 0.0234       | 0.0234     |                | 0.0234        | 0.0234      |          | 369.6310  | 369.6310  | 7.0800e-003 | 6.7800e-003 | 371.8276 |
| NaturalGas Unmitigated | 0.0363 | 0.3099 | 0.1319 | 1.9800e-003 |               | 0.0251       | 0.0251     |                | 0.0251        | 0.0251      |          | 395.6129  | 395.6129  | 7.5800e-003 | 7.2500e-003 | 397.9638 |

## Glenview Terrace - Bay Area AQMD Air District, 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   |                 |                 |                    |                    |                 |
| Single Family Housing | 3362.71        | 0.0363        | 0.3099        | 0.1319        | 1.9800e-003        |               | 0.0251        | 0.0251        |                | 0.0251        | 0.0251        |          | 395.6129        | 395.6129        | 7.5800e-003        | 7.2500e-003        | 397.9638        |
| <b>Total</b>          |                | <b>0.0363</b> | <b>0.3099</b> | <b>0.1319</b> | <b>1.9800e-003</b> |               | <b>0.0251</b> | <b>0.0251</b> |                | <b>0.0251</b> | <b>0.0251</b> |          | <b>395.6129</b> | <b>395.6129</b> | <b>7.5800e-003</b> | <b>7.2500e-003</b> | <b>397.9638</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   |                 |                 |                    |                    |                 |
| Single Family Housing | 3.14186        | 0.0339        | 0.2895        | 0.1232        | 1.8500e-003        |               | 0.0234        | 0.0234        |                | 0.0234        | 0.0234        |          | 369.6310        | 369.6310        | 7.0800e-003        | 6.7800e-003        | 371.8276        |
| <b>Total</b>          |                | <b>0.0339</b> | <b>0.2895</b> | <b>0.1232</b> | <b>1.8500e-003</b> |               | <b>0.0234</b> | <b>0.0234</b> |                | <b>0.0234</b> | <b>0.0234</b> |          | <b>369.6310</b> | <b>369.6310</b> | <b>7.0800e-003</b> | <b>6.7800e-003</b> | <b>371.8276</b> |

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

## Glenview Terrace - Bay Area AQMD Air District, Winter

No Hearths Installed

|             | ROG     | NOx    | CO      | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e     |
|-------------|---------|--------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|----------|
| Category    | lb/day  |        |         |             |               |              |            |                |               |             | lb/day   |           |           |             |        |          |
| Mitigated   | 1.3903  | 0.0276 | 2.3915  | 1.3000e-004 |               | 0.0133       | 0.0133     |                | 0.0133        | 0.0133      | 0.0000   | 4.3080    | 4.3080    | 4.1300e-003 | 0.0000 | 4.4114   |
| Unmitigated | 31.4435 | 0.6062 | 41.2599 | 0.0733      |               | 5.5094       | 5.5094     |                | 5.5094        | 5.5094      | 590.9718 | 183.4257  | 774.3975  | 0.7348      | 0.0417 | 805.1956 |

## 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 | 0.2014         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                 | 0.0000          |               |               | 0.0000          |
| Consumer Products     | 1.1171         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                 | 0.0000          |               |               | 0.0000          |
| Hearth                | 30.0532        | 0.5787        | 38.8684        | 0.0732        |               | 5.4962        | 5.4962        |                | 5.4962        | 5.4962        | 590.9718        | 179.1177        | 770.0895        | 0.7307        | 0.0417        | 800.7842        |
| Landscaping           | 0.0719         | 0.0276        | 2.3915         | 1.3000e-004   |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        |                 | 4.3080          | 4.3080          | 4.1300e-003   |               | 4.4114          |
| <b>Total</b>          | <b>31.4436</b> | <b>0.6062</b> | <b>41.2599</b> | <b>0.0733</b> |               | <b>5.5094</b> | <b>5.5094</b> |                | <b>5.5094</b> | <b>5.5094</b> | <b>590.9718</b> | <b>183.4257</b> | <b>774.3975</b> | <b>0.7348</b> | <b>0.0417</b> | <b>805.1956</b> |

Unmitigated Model Run

## Glenview Terrace - Bay Area AQMD Air District, 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 | 0.2014        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Consumer Products     | 1.1171        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.0719        | 0.0276        | 2.3915        | 1.3000e-004        |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        |               | 4.3080        | 4.3080        | 4.1300e-003        |               | 4.4114        |
| <b>Total</b>          | <b>1.3903</b> | <b>0.0276</b> | <b>2.3915</b> | <b>1.3000e-004</b> |               | <b>0.0133</b> | <b>0.0133</b> |                | <b>0.0133</b> | <b>0.0133</b> | <b>0.0000</b> | <b>4.3080</b> | <b>4.3080</b> | <b>4.1300e-003</b> | <b>0.0000</b> | <b>4.4114</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

**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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

## Glenview Terrace - Bay Area AQMD Air District, Winter

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

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

**11.0 Vegetation**

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Glenview Terrace  
Bay Area AQMD Air District, Mitigation Report

Construction Mitigation Summary

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

OFFROAD Equipment Mitigation

| Equipment Type            | Fuel Type | Tier      | Number Mitigated | Total Number of Equipment | DPF       | Oxidation Catalyst |
|---------------------------|-----------|-----------|------------------|---------------------------|-----------|--------------------|
| Air Compressors           | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Cement and Mortar Mixers  | Diesel    | No Change | 0                | 4                         | No Change | 0.00               |
| Concrete/Industrial Saws  | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Cranes                    | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Excavators                | Diesel    | No Change | 0                | 5                         | No Change | 0.00               |
| Forklifts                 | Diesel    | No Change | 0                | 3                         | No Change | 0.00               |
| Generator Sets            | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |
| Graders                   | Diesel    | No Change | 0                | 2                         | No Change | 0.00               |
| Pavers                    | Diesel    | No Change | 0                | 2                         | No Change | 0.00               |
| Paving Equipment          | Diesel    | No Change | 0                | 4                         | No Change | 0.00               |
| Rollers                   | Diesel    | No Change | 0                | 4                         | No Change | 0.00               |
| Rubber Tired Dozers       | Diesel    | No Change | 0                | 10                        | No Change | 0.00               |
| Tractors/Loaders/Backhoes | Diesel    | No Change | 0                | 19                        | No Change | 0.00               |
| Welders                   | Diesel    | No Change | 0                | 1                         | No Change | 0.00               |



| Equipment Type            | ROG          | NOx          | CO           | SO2          | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2          | NBio- CO2    | Total CO2    | CH4          | N2O          | CO2e         |
|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------|-------------------|--------------|--------------|--------------|--------------|--------------|
| Unmitigated tons/yr       |              |              |              |              |              |               | Unmitigated mt/yr |              |              |              |              |              |
| Air Compressors           | 5.22400E-002 | 3.58540E-001 | 4.71390E-001 | 7.70000E-004 | 2.04600E-002 | 2.04600E-002  | 0.00000E+000      | 6.63846E+001 | 6.63846E+001 | 4.21000E-003 | 0.00000E+000 | 6.64898E+001 |
| Cement and Mortar Mixers  | 2.42400E-002 | 1.51880E-001 | 1.27220E-001 | 2.90000E-004 | 5.90000E-003 | 5.90000E-003  | 0.00000E+000      | 1.89039E+001 | 1.89039E+001 | 1.96000E-003 | 0.00000E+000 | 1.89530E+001 |
| Concrete/Industrial Saws  | 1.92000E-003 | 1.51900E-002 | 1.83700E-002 | 3.00000E-005 | 8.70000E-004 | 8.70000E-004  | 0.00000E+000      | 2.68828E+000 | 2.68828E+000 | 1.60000E-004 | 0.00000E+000 | 2.69218E+000 |
| Cranes                    | 8.41200E-002 | 9.38920E-001 | 4.28070E-001 | 1.31000E-003 | 3.89400E-002 | 3.58200E-002  | 0.00000E+000      | 1.15331E+002 | 1.15331E+002 | 3.73000E-002 | 0.00000E+000 | 1.16263E+002 |
| Excavators                | 6.01600E-002 | 5.27050E-001 | 9.61640E-001 | 1.52000E-003 | 2.56000E-002 | 2.35500E-002  | 0.00000E+000      | 1.33833E+002 | 1.33833E+002 | 4.32800E-002 | 0.00000E+000 | 1.34915E+002 |
| Forklifts                 | 8.68700E-002 | 8.06750E-001 | 8.98640E-001 | 1.19000E-003 | 5.27200E-002 | 4.85000E-002  | 0.00000E+000      | 1.04747E+002 | 1.04747E+002 | 3.38800E-002 | 0.00000E+000 | 1.05594E+002 |
| Generator Sets            | 8.43100E-002 | 7.48120E-001 | 9.55380E-001 | 1.71000E-003 | 3.70400E-002 | 3.70400E-002  | 0.00000E+000      | 1.46954E+002 | 1.46954E+002 | 6.85000E-003 | 0.00000E+000 | 1.47125E+002 |
| Graders                   | 1.15080E-001 | 1.44756E+000 | 4.81600E-001 | 1.85000E-003 | 4.62700E-002 | 4.25700E-002  | 0.00000E+000      | 1.62874E+002 | 1.62874E+002 | 5.26800E-002 | 0.00000E+000 | 1.64191E+002 |
| Pavers                    | 5.70100E-002 | 5.75770E-001 | 7.93870E-001 | 1.29000E-003 | 2.73500E-002 | 2.51600E-002  | 0.00000E+000      | 1.13565E+002 | 1.13565E+002 | 3.67300E-002 | 0.00000E+000 | 1.14483E+002 |
| Paving Equipment          | 7.32300E-002 | 7.08730E-001 | 1.05159E+000 | 1.68000E-003 | 3.46100E-002 | 3.18400E-002  | 0.00000E+000      | 1.47615E+002 | 1.47615E+002 | 4.77400E-002 | 0.00000E+000 | 1.48808E+002 |
| Rollers                   | 6.81100E-002 | 7.06540E-001 | 7.67410E-001 | 1.08000E-003 | 4.04900E-002 | 3.72500E-002  | 0.00000E+000      | 9.50888E+001 | 9.50888E+001 | 3.07500E-002 | 0.00000E+000 | 9.58577E+001 |
| Rubber Tired Dozers       | 8.79280E-001 | 9.20691E+000 | 3.76489E+000 | 9.26000E-003 | 4.31770E-001 | 3.97230E-001  | 0.00000E+000      | 8.14080E+002 | 8.14080E+002 | 2.63290E-001 | 0.00000E+000 | 8.20662E+002 |
| Tractors/Loaders/Backhoes | 4.65670E-001 | 4.72918E+000 | 6.39700E+000 | 8.89000E-003 | 2.51140E-001 | 2.31050E-001  | 0.00000E+000      | 7.81096E+002 | 7.81096E+002 | 2.52620E-001 | 0.00000E+000 | 7.87412E+002 |
| Welders                   | 7.06000E-002 | 3.77680E-001 | 4.39900E-001 | 6.60000E-004 | 1.60800E-002 | 1.60800E-002  | 0.00000E+000      | 4.89374E+001 | 4.89374E+001 | 5.72000E-003 | 0.00000E+000 | 4.90805E+001 |

| Equipment Type            | ROG          | NOx          | CO           | SO2          | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2        | NBio- CO2    | Total CO2    | CH4          | N2O          | CO2e         |
|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------|-----------------|--------------|--------------|--------------|--------------|--------------|
| Mitigated tons/yr         |              |              |              |              |              |               | Mitigated mt/yr |              |              |              |              |              |
| Air Compressors           | 5.22400E-002 | 3.58540E-001 | 4.71390E-001 | 7.70000E-004 | 2.04600E-002 | 2.04600E-002  | 0.00000E+000    | 6.63845E+001 | 6.63845E+001 | 4.21000E-003 | 0.00000E+000 | 6.64897E+001 |
| Cement and Mortar Mixers  | 2.42400E-002 | 1.51880E-001 | 1.27220E-001 | 2.90000E-004 | 5.90000E-003 | 5.90000E-003  | 0.00000E+000    | 1.89039E+001 | 1.89039E+001 | 1.96000E-003 | 0.00000E+000 | 1.89529E+001 |
| Concrete/Industrial Saws  | 1.92000E-003 | 1.51900E-002 | 1.83700E-002 | 3.00000E-005 | 8.70000E-004 | 8.70000E-004  | 0.00000E+000    | 2.68828E+000 | 2.68828E+000 | 1.60000E-004 | 0.00000E+000 | 2.69218E+000 |
| Cranes                    | 8.41200E-002 | 9.38920E-001 | 4.28070E-001 | 1.31000E-003 | 3.89400E-002 | 3.58200E-002  | 0.00000E+000    | 1.15331E+002 | 1.15331E+002 | 3.73000E-002 | 0.00000E+000 | 1.16263E+002 |
| Excavators                | 6.01600E-002 | 5.27050E-001 | 9.61640E-001 | 1.52000E-003 | 2.56000E-002 | 2.35500E-002  | 0.00000E+000    | 1.33832E+002 | 1.33832E+002 | 4.32800E-002 | 0.00000E+000 | 1.34915E+002 |
| Forklifts                 | 8.68700E-002 | 8.06750E-001 | 8.98640E-001 | 1.19000E-003 | 5.27200E-002 | 4.85000E-002  | 0.00000E+000    | 1.04747E+002 | 1.04747E+002 | 3.38800E-002 | 0.00000E+000 | 1.05594E+002 |
| Generator Sets            | 8.43100E-002 | 7.48120E-001 | 9.55380E-001 | 1.71000E-003 | 3.70400E-002 | 3.70400E-002  | 0.00000E+000    | 1.46954E+002 | 1.46954E+002 | 6.85000E-003 | 0.00000E+000 | 1.47125E+002 |
| Graders                   | 1.15080E-001 | 1.44756E+000 | 4.81600E-001 | 1.85000E-003 | 4.62700E-002 | 4.25700E-002  | 0.00000E+000    | 1.62874E+002 | 1.62874E+002 | 5.26800E-002 | 0.00000E+000 | 1.64191E+002 |
| Pavers                    | 5.70100E-002 | 5.75770E-001 | 7.93870E-001 | 1.29000E-003 | 2.73500E-002 | 2.51600E-002  | 0.00000E+000    | 1.13564E+002 | 1.13564E+002 | 3.67300E-002 | 0.00000E+000 | 1.14483E+002 |
| Paving Equipment          | 7.32300E-002 | 7.08730E-001 | 1.05159E+000 | 1.68000E-003 | 3.46100E-002 | 3.18400E-002  | 0.00000E+000    | 1.47614E+002 | 1.47614E+002 | 4.77400E-002 | 0.00000E+000 | 1.48808E+002 |
| Rollers                   | 6.81100E-002 | 7.06540E-001 | 7.67400E-001 | 1.08000E-003 | 4.04900E-002 | 3.72500E-002  | 0.00000E+000    | 9.50887E+001 | 9.50887E+001 | 3.07500E-002 | 0.00000E+000 | 9.58575E+001 |
| Rubber Tired Dozers       | 8.79280E-001 | 9.20690E+000 | 3.76489E+000 | 9.26000E-003 | 4.31770E-001 | 3.97230E-001  | 0.00000E+000    | 8.14079E+002 | 8.14079E+002 | 2.63290E-001 | 0.00000E+000 | 8.20661E+002 |
| Tractors/Loaders/Backhoes | 4.65670E-001 | 4.72917E+000 | 6.39699E+000 | 8.89000E-003 | 2.51140E-001 | 2.31050E-001  | 0.00000E+000    | 7.81095E+002 | 7.81095E+002 | 2.52620E-001 | 0.00000E+000 | 7.87411E+002 |
| Welders                   | 7.06000E-002 | 3.77670E-001 | 4.39900E-001 | 6.60000E-004 | 1.60800E-002 | 1.60800E-002  | 0.00000E+000    | 4.89373E+001 | 4.89373E+001 | 5.72000E-003 | 0.00000E+000 | 4.90804E+001 |

| Equipment Type              | ROG          | NOx          | CO           | SO2          | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2     | NBio- CO2    | Total CO2    | CH4          | N2O          | CO2e         |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction           |              |              |              |              |              |               |              |              |              |              |              |              |
| Air Compressors             | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.20510E-006 | 1.20510E-006 | 0.00000E+000 | 0.00000E+000 | 1.20319E-006 |
| Cement and Mortar Mixers    | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.05798E-006 | 1.05798E-006 | 0.00000E+000 | 0.00000E+000 | 1.05524E-006 |
| Concrete/Industrial Saws    | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Cranes                      | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.21390E-006 | 1.21390E-006 | 0.00000E+000 | 0.00000E+000 | 1.20416E-006 |
| Excavators                  | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.19552E-006 | 1.19552E-006 | 0.00000E+000 | 0.00000E+000 | 1.18593E-006 |
| Forklifts                   | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.14562E-006 | 1.14562E-006 | 0.00000E+000 | 0.00000E+000 | 1.23113E-006 |
| Generator Sets              | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.22487E-006 | 1.22487E-006 | 0.00000E+000 | 0.00000E+000 | 1.15548E-006 |
| Graders                     | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.22794E-006 | 1.22794E-006 | 0.00000E+000 | 0.00000E+000 | 1.21810E-006 |
| Pavers                      | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.23278E-006 | 1.23278E-006 | 0.00000E+000 | 0.00000E+000 | 1.13554E-006 |
| Paving Equipment            | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.21939E-006 | 1.21939E-006 | 0.00000E+000 | 0.00000E+000 | 1.20961E-006 |
| Rollers                     | 0.00000E+000 | 0.00000E+000 | 1.30308E-005 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.26198E-006 | 1.26198E-006 | 0.00000E+000 | 0.00000E+000 | 1.25186E-006 |
| Rubber Tired Dozers         | 0.00000E+000 | 1.08614E-006 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.19153E-006 | 1.19153E-006 | 0.00000E+000 | 0.00000E+000 | 1.19416E-006 |
| Tractors/Loaders/Bulldozers | 0.00000E+000 | 2.11453E-006 | 1.56323E-006 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.19063E-006 | 1.19063E-006 | 0.00000E+000 | 0.00000E+000 | 1.19378E-006 |
| Welders                     | 0.00000E+000 | 2.64774E-005 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000  | 0.00000E+000 | 1.02171E-006 | 1.02171E-006 | 0.00000E+000 | 0.00000E+000 | 1.22248E-006 |

**Fugitive Dust Mitigation**

| Yes/No | Mitigation Measure                     | Mitigation Input | Mitigation Input | Mitigation Input    |
|--------|----------------------------------------|------------------|------------------|---------------------|
| No     | Soil Stabilizer for unpaved Roads      | PM10 Reduction   | PM2.5 Reduction  |                     |
| No     | Replace Ground Cover of Area Disturbed | PM10 Reduction   | PM2.5 Reduction  |                     |
| No     | Water Exposed Area                     | PM10 Reduction   | PM2.5 Reduction  | Frequency (per day) |

|    |                         |                       |      |                        |      |  |  |
|----|-------------------------|-----------------------|------|------------------------|------|--|--|
| No | Unpaved Road Mitigation | Moisture Content<br>% |      | Vehicle Speed<br>(mph) | 0.00 |  |  |
| No | Clean Paved Road        | % PM Reduction        | 0.00 |                        |      |  |  |

| Phase                 | Source        | Unmitigated |       | Mitigated |       | Percent Reduction |       |
|-----------------------|---------------|-------------|-------|-----------|-------|-------------------|-------|
|                       |               | PM10        | PM2.5 | PM10      | PM2.5 | PM10              | PM2.5 |
| Architectural Coating | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Architectural Coating | Roads         | 0.22        | 0.06  | 0.22      | 0.06  | 0.00              | 0.00  |
| Building Construction | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Building Construction | Roads         | 0.10        | 0.03  | 0.10      | 0.03  | 0.00              | 0.00  |
| Demolition            | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Demolition            | Roads         | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Grading               | Fugitive Dust | 0.13        | 0.07  | 0.13      | 0.07  | 0.00              | 0.00  |
| Grading               | Roads         | 0.01        | 0.00  | 0.01      | 0.00  | 0.00              | 0.00  |
| Paving                | Fugitive Dust | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Paving                | Roads         | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |
| Site Preparation      | Fugitive Dust | 0.09        | 0.05  | 0.09      | 0.05  | 0.00              | 0.00  |
| Site Preparation      | Roads         | 0.00        | 0.00  | 0.00      | 0.00  | 0.00              | 0.00  |

### Operational Percent Reduction Summary

| Category              | ROG    | NOx    | CO     | SO2    | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2 | NBio- CO2 | Total CO2 | CH4    | N2O    | CO2e   |
|-----------------------|--------|--------|--------|--------|--------------|---------------|----------|-----------|-----------|--------|--------|--------|
| Percent Reduction     |        |        |        |        |              |               |          |           |           |        |        |        |
| Architectural Coating | 0.00   | 0.00   | 0.00   | 0.00   | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00   | 0.00   | 0.00   |
| Consumer Products     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00   | 0.00   | 0.00   |
| Electricity           | 0.00   | 0.00   | 0.00   | 0.00   | 0.00         | 0.00          | 0.00     | 100.00    | 100.00    | 100.00 | 100.00 | 100.00 |
| Hearth                | 100.00 | 100.00 | 100.00 | 100.00 | 100.00       | 100.00        | 100.00   | 100.00    | 100.00    | 100.00 | 100.00 | 100.00 |
| Landscaping           | 0.00   | 0.00   | 0.00   | 0.00   | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00   | 0.00   | 0.00   |
| Mobile                | 2.80   | 3.71   | 5.78   | 7.45   | 6.73         | 6.70          | 0.00     | 7.24      | 7.24      | 5.76   | 0.00   | 7.24   |
| Natural Gas           | 6.65   | 6.58   | 6.56   | 5.56   | 6.56         | 6.56          | 0.00     | 6.57      | 6.57      | 7.14   | 6.67   | 6.57   |
| Water Indoor          | 0.00   | 0.00   | 0.00   | 0.00   | 0.00         | 0.00          | 20.00    | 20.00     | 20.00     | 20.00  | 20.13  | 20.00  |
| Water Outdoor         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00         | 0.00          | 0.00     | 0.00      | 0.00      | 0.00   | 0.00   | 0.00   |

## Operational Mobile Mitigation

Project Setting: Suburban Center

| Mitigation | Category | Measure                             | % Reduction | Input Value 1 | Input Value 2 | Input Value |
|------------|----------|-------------------------------------|-------------|---------------|---------------|-------------|
| No         | Land Use | Increase Density                    | 0.00        | 0.00          | 0.00          |             |
| No         | Land Use | Increase Diversity                  | -0.01       | 0.13          |               |             |
| No         | Land Use | Improve Walkability Design          | 0.00        | 0.00          |               |             |
| No         | Land Use | Improve Destination Accessibility   | 0.00        | 0.00          |               |             |
| Yes        | Land Use | Increase Transit Accessibility      | 0.08        | 0.50          |               |             |
| No         | Land Use | Integrate Below Market Rate Housing | 0.00        | 0.00          |               |             |
|            | Land Use | Land Use SubTotal                   | 0.08        |               |               |             |

|    |                           |                                                        |       |      |      |
|----|---------------------------|--------------------------------------------------------|-------|------|------|
| No | Neighborhood Enhancements | Improve Pedestrian Network                             | 0.00  |      |      |
| No | Neighborhood Enhancements | Provide Traffic Calming Measures                       | 0.00  |      |      |
| No | Neighborhood Enhancements | Implement NEV Network                                  | 0.00  |      |      |
|    | Neighborhood Enhancements | Neighborhood Enhancements Subtotal                     | 0.00  |      |      |
| No | Parking Policy Pricing    | Limit Parking Supply                                   | 0.00  | 0.00 |      |
| No | Parking Policy Pricing    | Unbundle Parking Costs                                 | 0.00  | 0.00 |      |
| No | Parking Policy Pricing    | On-street Market Pricing                               | 0.00  | 0.00 |      |
|    | Parking Policy Pricing    | Parking Policy Pricing Subtotal                        | 0.00  |      |      |
| No | Transit Improvements      | Provide BRT System                                     | 0.00  | 0.00 |      |
| No | Transit Improvements      | Expand Transit Network                                 | 0.00  | 0.00 |      |
| No | Transit Improvements      | Increase Transit Frequency                             | 0.00  |      | 0.00 |
|    | Transit Improvements      | Transit Improvements Subtotal                          | 0.00  |      |      |
|    |                           | Land Use and Site Enhancement Subtotal                 | 0.08  |      |      |
| No | Commute                   | Implement Trip Reduction Program                       |       |      |      |
| No | Commute                   | Transit Subsidy                                        |       |      |      |
| No | Commute                   | Implement Employee Parking "Cash Out"                  | 4.50  |      |      |
| No | Commute                   | Workplace Parking Charge                               |       | 0.00 |      |
| No | Commute                   | Encourage Telecommuting and Alternative Work Schedules | 0.00  |      |      |
| No | Commute                   | Market Commute Trip Reduction Option                   | 0.00  |      |      |
| No | Commute                   | Employee Vanpool/Shuttle                               | 0.00  |      | 2.00 |
| No | Commute                   | Provide Ride Sharing Program                           | 10.00 |      |      |
|    | Commute                   | Commute Subtotal                                       | 0.00  |      |      |

|    |             |                              |      |  |  |
|----|-------------|------------------------------|------|--|--|
| No | School Trip | Implement School Bus Program | 0.00 |  |  |
|    |             | Total VMT Reduction          | 0.08 |  |  |

### Area Mitigation

| Measure Implemented | Mitigation Measure                           | Input Value |
|---------------------|----------------------------------------------|-------------|
| No                  | Only Natural Gas Hearth                      |             |
| Yes                 | No Hearth                                    |             |
| No                  | Use Low VOC Cleaning Supplies                |             |
| No                  | Use Low VOC Paint (Residential Interior)     | 100.00      |
| No                  | Use Low VOC Paint (Residential Exterior)     | 150.00      |
| No                  | Use Low VOC Paint (Non-residential Interior) | 100.00      |
| No                  | Use Low VOC Paint (Non-residential Exterior) | 150.00      |
| No                  | Use Low VOC Paint (Parking)                  | 150.00      |
| No                  | % Electric Lawnmower                         | 0.00        |
| No                  | % Electric Leafblower                        | 0.00        |
| No                  | % Electric Chainsaw                          | 0.00        |

### Energy Mitigation Measures

| Measure Implemented | Mitigation Measure               | Input Value 1 | Input Value 2 |
|---------------------|----------------------------------|---------------|---------------|
| Yes                 | Exceed Title 24                  | 7.00          |               |
| No                  | Install High Efficiency Lighting | 0.00          |               |
| Yes                 | On-site Renewable                | 0.00          | 100.00        |

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

**Water Mitigation Measures**

| Measure Implemented | Mitigation Measure                     | Input Value 1 | Input Value 2 |
|---------------------|----------------------------------------|---------------|---------------|
| Yes                 | Apply Water Conservation on Strategy   | 20.00         | 20.00         |
| No                  | Use Reclaimed Water                    | 0.00          | 0.00          |
| No                  | Use Grey Water                         | 0.00          |               |
| No                  | Install low-flow bathroom faucet       | 32.00         |               |
| No                  | Install low-flow Kitchen faucet        | 18.00         |               |
| No                  | Install low-flow Toilet                | 20.00         |               |
| No                  | Install low-flow Shower                | 20.00         |               |
| No                  | Turf Reduction                         | 0.00          |               |
| No                  | Use Water Efficient Irrigation Systems | 6.10          |               |
| No                  | Water Efficient Landscape              | 0.00          | 0.00          |

**Solid Waste Mitigation**

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



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

## Glenview Terrace - Bay Area AQMD Air District, Summer

**Glenview Terrace**  
**Bay Area AQMD Air District, Summer****1.0 Project Characteristics**

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**1.1 Land Usage**

| Land Uses             | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------|-------|---------------|-------------|--------------------|------------|
| Single Family Housing | 29.00 | Dwelling Unit | 3.27        | 52,200.00          | 83         |

**1.2 Other Project Characteristics**

|                             |                                |                             |       |                             |       |
|-----------------------------|--------------------------------|-----------------------------|-------|-----------------------------|-------|
| Urbanization                | Urban                          | Wind Speed (m/s)            | 2.2   | Precipitation Freq (Days)   | 64    |
| Climate Zone                | 5                              |                             |       | Operational Year            | 2024  |
| Utility Company             | Pacific Gas & Electric Company |                             |       |                             |       |
| CO2 Intensity<br>(lb/MW hr) | 245.88                         | CH4 Intensity<br>(lb/MW hr) | 0.029 | N2O Intensity<br>(lb/MW hr) | 0.006 |

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

## Glenview Terrace - Bay Area AQMD Air District, Summer

Project Characteristics - Updated co2 intensity factor per PG&E's RPS projections.

Land Use - updated lot acreage to match site plan.

Construction Phase - updating total days

Demolition -

Grading -

Vehicle Trips - Trip generation rate adjusted to match project-specific TIA.

Construction Off-road Equipment Mitigation - Engine tier updated per Mitigation Measure.

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - Title 24 exceedance applied to reflect compliance with 2019 CBSC.

Water Mitigation - Water conservation strategy applied to reflect compliance with 2019 CBSC and MWELO.

| Table Name              | Column Name                | Default Value | New Value |
|-------------------------|----------------------------|---------------|-----------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 4.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 5.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 3.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 2.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 2.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 4.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 4.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 10.00     |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 19.00     |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |

## Glenview Terrace - Bay Area AQMD Air District, Summer

|                           |                    |           |                |
|---------------------------|--------------------|-----------|----------------|
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstructionPhase      | NumDays            | 20.00     | 10.00          |
| tblConstructionPhase      | NumDays            | 5.00      | 10.00          |
| tblConstructionPhase      | NumDays            | 8.00      | 40.00          |
| tblConstructionPhase      | NumDays            | 18.00     | 30.00          |
| tblConstructionPhase      | NumDays            | 230.00    | 520.00         |
| tblConstructionPhase      | NumDays            | 18.00     | 520.00         |
| tblGrading                | MaterialExported   | 0.00      | 8,200.00       |
| tblLandUse                | LotAcreage         | 9.42      | 3.27           |
| tblOffRoadEquipment       | UsageHours         | 7.00      | 8.00           |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35    | 245.88         |
| tblTripsAndVMT            | VendorTripNumber   | 3.00      | 0.00           |
| tblTripsAndVMT            | WorkerTripNumber   | 10.00     | 15.00          |
| tblTripsAndVMT            | WorkerTripNumber   | 2.00      | 18.00          |

## Glenview Terrace - Bay Area AQMD Air District, Summer

|                 |                  |      |       |
|-----------------|------------------|------|-------|
| tblTripsAndVMT  | WorkerTripNumber | 2.00 | 20.00 |
| tblVehicleTrips | ST_TR            | 9.91 | 9.44  |
| tblVehicleTrips | SU_TR            | 8.62 | 9.44  |
| tblVehicleTrips | WD_TR            | 9.52 | 9.44  |

## 2.0 Emissions Summary

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## Glenview Terrace - Bay Area AQMD Air District, Summer

**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   |                 |                 |        |        |                 |
| 2021    | 11.0239 | 95.4648 | 69.3345 | 0.1225 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,798.41<br>09 | 11,798.41<br>09 | 3.3388 | 0.0000 | 11,881.87<br>96 |
| 2022    | 9.6226  | 80.8883 | 66.8814 | 0.1223 | 1.3184        | 3.9357       | 5.2541     | 0.3350         | 3.6460        | 3.9810      | 0.0000   | 11,780.74<br>49 | 11,780.74<br>49 | 3.3327 | 0.0000 | 11,864.06<br>22 |
| 2023    | 8.6542  | 70.2638 | 64.6593 | 0.1222 | 1.3184        | 3.2506       | 4.5690     | 0.3350         | 3.0126        | 3.3477      | 0.0000   | 11,762.38<br>76 | 11,762.38<br>76 | 3.3262 | 0.0000 | 11,845.54<br>26 |
| Maximum | 11.0239 | 95.4648 | 69.3345 | 0.1225 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,798.41<br>09 | 11,798.41<br>09 | 3.3388 | 0.0000 | 11,881.87<br>96 |

**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   |                 |                 |        |        |                 |
| 2021    | 3.7276 | 42.7479 | 76.8588 | 0.1225 | 18.2141       | 0.2324       | 18.2771    | 9.9699         | 0.2321        | 10.0328     | 0.0000   | 11,798.41<br>09 | 11,798.41<br>09 | 3.3388 | 0.0000 | 11,881.87<br>96 |
| 2022    | 3.7125 | 42.7191 | 76.7291 | 0.1223 | 1.3184        | 0.2322       | 1.5506     | 0.3350         | 0.2319        | 0.5669      | 0.0000   | 11,780.74<br>49 | 11,780.74<br>49 | 3.3327 | 0.0000 | 11,864.06<br>22 |
| 2023    | 3.6974 | 42.6414 | 76.6079 | 0.1222 | 1.3184        | 0.2318       | 1.5502     | 0.3350         | 0.2315        | 0.5666      | 0.0000   | 11,762.38<br>76 | 11,762.38<br>76 | 3.3262 | 0.0000 | 11,845.54<br>25 |
| Maximum | 3.7276 | 42.7479 | 76.8588 | 0.1225 | 18.2141       | 0.2324       | 18.2771    | 9.9699         | 0.2321        | 10.0328     | 0.0000   | 11,798.41<br>09 | 11,798.41<br>09 | 3.3388 | 0.0000 | 11,881.87<br>96 |

## Glenview Terrace - Bay Area AQMD Air District, Summer

|                   | ROG   | NOx   | CO     | SO2  | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4  | N2O  | CO2e |
|-------------------|-------|-------|--------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 61.99 | 48.05 | -14.60 | 0.00 | 0.00          | 94.21        | 28.94      | 0.00           | 93.76         | 41.78       | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**2.2 Overall Operational****Unmitigated Operational**

|              | ROG            | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2        | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | lb/day         |               |                |               |               |               |               |                |               |               | lb/day          |                   |                   |               |               |                   |
| Area         | 31.4435        | 0.6062        | 41.2599        | 0.0733        |               | 5.5094        | 5.5094        |                | 5.5094        | 5.5094        | 590.9718        | 183.4257          | 774.3975          | 0.7348        | 0.0417        | 805.1956          |
| Energy       | 0.0363         | 0.3099        | 0.1319         | 1.9800e-003   |               | 0.0251        | 0.0251        |                | 0.0251        | 0.0251        |                 | 395.6129          | 395.6129          | 7.5800e-003   | 7.2500e-003   | 397.9638          |
| Mobile       | 0.3704         | 1.4218        | 3.7903         | 0.0148        | 1.3430        | 0.0114        | 1.3544        | 0.3593         | 0.0106        | 0.3699        |                 | 1,501.0795        | 1,501.0795        | 0.0486        |               | 1,502.2938        |
| <b>Total</b> | <b>31.8502</b> | <b>2.3379</b> | <b>45.1821</b> | <b>0.0901</b> | <b>1.3430</b> | <b>5.5459</b> | <b>6.8889</b> | <b>0.3593</b>  | <b>5.5451</b> | <b>5.9044</b> | <b>590.9718</b> | <b>2,080.1180</b> | <b>2,671.0899</b> | <b>0.7910</b> | <b>0.0490</b> | <b>2,705.4531</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         | 1.3903        | 0.0276        | 2.3915        | 1.3000e-004   |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        | 0.0000        | 4.3080            | 4.3080            | 4.1300e-003   | 0.0000             | 4.4114            |
| Energy       | 0.0339        | 0.2895        | 0.1232        | 1.8500e-003   |               | 0.0234        | 0.0234        |                | 0.0234        | 0.0234        |               | 369.6310          | 369.6310          | 7.0800e-003   | 6.7800e-003        | 371.8276          |
| Mobile       | 0.3612        | 1.3709        | 3.5536        | 0.0137        | 1.2378        | 0.0106        | 1.2484        | 0.3311         | 9.9100e-003   | 0.3410        |               | 1,392.2634        | 1,392.2634        | 0.0457        |                    | 1,393.4061        |
| <b>Total</b> | <b>1.7854</b> | <b>1.6880</b> | <b>6.0683</b> | <b>0.0157</b> | <b>1.2378</b> | <b>0.0473</b> | <b>1.2850</b> | <b>0.3311</b>  | <b>0.0466</b> | <b>0.3777</b> | <b>0.0000</b> | <b>1,766.2024</b> | <b>1,766.2024</b> | <b>0.0569</b> | <b>6.7800e-003</b> | <b>1,769.6450</b> |



## Glenview Terrace - Bay Area AQMD Air District, Summer

|                   | ROG   | NOx   | CO    | SO2   | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4   | N2O   | CO2e  |
|-------------------|-------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------|-------|-------|
| Percent Reduction | 94.39 | 27.80 | 86.57 | 82.56 | 7.84          | 99.15        | 81.35      | 7.84           | 99.16         | 93.60       | 100.00   | 15.09    | 33.88     | 92.80 | 86.15 | 34.59 |

### 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            | 6/1/2021   | 6/14/2021  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 6/15/2021  | 6/28/2021  | 5             | 10       |                   |
| 3            | Grading               | Grading               | 6/29/2021  | 8/23/2021  | 5             | 40       |                   |
| 4            | Paving                | Paving                | 8/24/2021  | 10/4/2021  | 5             | 30       |                   |
| 5            | Building Construction | Building Construction | 10/5/2021  | 10/2/2023  | 5             | 520      |                   |
| 6            | Architectural Coating | Architectural Coating | 10/19/2021 | 10/16/2023 | 5             | 520      |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20

Acres of Paving: 0

Residential Indoor: 105,705; Residential Outdoor: 35,235; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

| Phase Name       | Offroad Equipment Type   | Amount | Usage Hours | Horse Power | Load Factor |
|------------------|--------------------------|--------|-------------|-------------|-------------|
| Demolition       | Concrete/Industrial Saws | 1      | 8.00        | 81          | 0.73        |
| Demolition       | Excavators               | 3      | 8.00        | 158         | 0.38        |
| Demolition       | Rubber Tired Dozers      | 2      | 8.00        | 247         | 0.40        |
| Site Preparation | Rubber Tired Dozers      | 3      | 8.00        | 247         | 0.40        |

## Glenview Terrace - Bay Area AQMD Air District, Summer

|                       |                           |   |      |     |      |
|-----------------------|---------------------------|---|------|-----|------|
| Site Preparation      | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |
| Grading               | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Grading               | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Grading               | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Grading               | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Paving                | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Paving                | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Paving                | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Paving                | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Paving                | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Building Construction | Cranes                    | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Building Construction | Forklifts                 | 3 | 8.00 | 89  | 0.20 |
| Building Construction | Generator Sets            | 1 | 8.00 | 84  | 0.74 |
| Building Construction | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Building Construction | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97  | 0.37 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Building Construction | Welders                   | 1 | 8.00 | 46  | 0.45 |
| Architectural Coating | Air Compressors           | 1 | 6.00 | 78  | 0.48 |
| Architectural Coating | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Architectural Coating | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Architectural Coating | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Architectural Coating | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Architectural Coating | Rubber Tired Dozers       | 3 | 8.00 | 247 | 0.40 |
| Architectural Coating | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Architectural Coating | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**Trips and VMT**

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 36.00               | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 6                       | 15.00              | 0.00               | 1,025.00            | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 8                       | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 15.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 10.00              | 3.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 2.00               | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.2 Demolition - 2021****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 |               |                |                |               | 0.7875        | 0.0000        | 0.7875        | 0.1192         | 0.0000        | 0.1192        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        |          | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>0.7875</b> | <b>1.5513</b> | <b>2.3388</b> | <b>0.1192</b>  | <b>1.4411</b> | <b>1.5603</b> |          | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

**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      | 0.0280        | 0.9526        | 0.2008        | 2.8200e-003        | 0.0629        | 2.9900e-003        | 0.0659        | 0.0172         | 2.8600e-003        | 0.0201        |          | 302.3675        | 302.3675        | 0.0150        |     | 302.7426        |
| 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       | 0.0482        | 0.0282        | 0.3685        | 1.1900e-003        | 0.1232        | 7.8000e-004        | 0.1240        | 0.0327         | 7.1000e-004        | 0.0334        |          | 118.7939        | 118.7939        | 2.6600e-003   |     | 118.8603        |
| <b>Total</b> | <b>0.0763</b> | <b>0.9808</b> | <b>0.5693</b> | <b>4.0100e-003</b> | <b>0.1861</b> | <b>3.7700e-003</b> | <b>0.1899</b> | <b>0.0499</b>  | <b>3.5700e-003</b> | <b>0.0535</b> |          | <b>421.1614</b> | <b>421.1614</b> | <b>0.0177</b> |     | <b>421.6029</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.2 Demolition - 2021****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 |               |                |                |               | 0.7875        | 0.0000        | 0.7875        | 0.1192         | 0.0000        | 0.1192        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.5841        | 13.5576        | 24.6739        | 0.0388        |               | 0.0616        | 0.0616        |                | 0.0616        | 0.0616        | 0.0000        | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>0.5841</b> | <b>13.5576</b> | <b>24.6739</b> | <b>0.0388</b> | <b>0.7875</b> | <b>0.0616</b> | <b>0.8491</b> | <b>0.1192</b>  | <b>0.0616</b> | <b>0.1809</b> | <b>0.0000</b> | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

**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      | 0.0280        | 0.9526        | 0.2008        | 2.8200e-003        | 0.0629        | 2.9900e-003        | 0.0659        | 0.0172         | 2.8600e-003        | 0.0201        |          | 302.3675        | 302.3675        | 0.0150        |     | 302.7426        |
| 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       | 0.0482        | 0.0282        | 0.3685        | 1.1900e-003        | 0.1232        | 7.8000e-004        | 0.1240        | 0.0327         | 7.1000e-004        | 0.0334        |          | 118.7939        | 118.7939        | 2.6600e-003   |     | 118.8603        |
| <b>Total</b> | <b>0.0763</b> | <b>0.9808</b> | <b>0.5693</b> | <b>4.0100e-003</b> | <b>0.1861</b> | <b>3.7700e-003</b> | <b>0.1899</b> | <b>0.0499</b>  | <b>3.5700e-003</b> | <b>0.0535</b> |          | <b>421.1614</b> | <b>421.1614</b> | <b>0.0177</b> |     | <b>421.6029</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.3 Site Preparation - 2021****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 |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         |          | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715.4573        |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> |          | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715.4573</b> |

**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       | 0.0579        | 0.0338        | 0.4421        | 1.4300e-003        | 0.1479        | 9.3000e-004        | 0.1488        | 0.0392         | 8.6000e-004        | 0.0401        |          | 142.5527        | 142.5527        | 3.1900e-003        |     | 142.6324        |
| <b>Total</b> | <b>0.0579</b> | <b>0.0338</b> | <b>0.4421</b> | <b>1.4300e-003</b> | <b>0.1479</b> | <b>9.3000e-004</b> | <b>0.1488</b> | <b>0.0392</b>  | <b>8.6000e-004</b> | <b>0.0401</b> |          | <b>142.5527</b> | <b>142.5527</b> | <b>3.1900e-003</b> |     | <b>142.6324</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.3 Site Preparation - 2021****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 |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.6967        | 12.1620        | 22.9600        | 0.0380        |                | 0.0621        | 0.0621         |                | 0.0621        | 0.0621        | 0.0000        | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715.4573        |
| <b>Total</b>  | <b>0.6967</b> | <b>12.1620</b> | <b>22.9600</b> | <b>0.0380</b> | <b>18.0663</b> | <b>0.0621</b> | <b>18.1283</b> | <b>9.9307</b>  | <b>0.0621</b> | <b>9.9928</b> | <b>0.0000</b> | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715.4573</b> |

**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       | 0.0579        | 0.0338        | 0.4421        | 1.4300e-003        | 0.1479        | 9.3000e-004        | 0.1488        | 0.0392         | 8.6000e-004        | 0.0401        |          | 142.5527        | 142.5527        | 3.1900e-003        |     | 142.6324        |
| <b>Total</b> | <b>0.0579</b> | <b>0.0338</b> | <b>0.4421</b> | <b>1.4300e-003</b> | <b>0.1479</b> | <b>9.3000e-004</b> | <b>0.1488</b> | <b>0.0392</b>  | <b>8.6000e-004</b> | <b>0.0401</b> |          | <b>142.5527</b> | <b>142.5527</b> | <b>3.1900e-003</b> |     | <b>142.6324</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.4 Grading - 2021****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 |               |                |                |               | 6.5755        | 0.0000        | 6.5755        | 3.3710         | 0.0000        | 3.3710        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 2.2903        | 24.7367        | 15.8575        | 0.0296        |               | 1.1599        | 1.1599        |                | 1.0671        | 1.0671        |          | 2,871.9285        | 2,871.9285        | 0.9288        |     | 2,895.1495        |
| <b>Total</b>  | <b>2.2903</b> | <b>24.7367</b> | <b>15.8575</b> | <b>0.0296</b> | <b>6.5755</b> | <b>1.1599</b> | <b>7.7354</b> | <b>3.3710</b>  | <b>1.0671</b> | <b>4.4381</b> |          | <b>2,871.9285</b> | <b>2,871.9285</b> | <b>0.9288</b> |     | <b>2,895.1495</b> |

**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      | 0.1996        | 6.7804        | 1.4293        | 0.0201        | 0.4477        | 0.0213        | 0.4690        | 0.1227         | 0.0203        | 0.1430        |          | 2,152.2686        | 2,152.2686        | 0.1068        |     | 2,154.9386        |
| 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       | 0.0482        | 0.0282        | 0.3685        | 1.1900e-003   | 0.1232        | 7.8000e-004   | 0.1240        | 0.0327         | 7.1000e-004   | 0.0334        |          | 118.7939          | 118.7939          | 2.6600e-003   |     | 118.8603          |
| <b>Total</b> | <b>0.2478</b> | <b>6.8086</b> | <b>1.7978</b> | <b>0.0213</b> | <b>0.5709</b> | <b>0.0220</b> | <b>0.5930</b> | <b>0.1554</b>  | <b>0.0211</b> | <b>0.1764</b> |          | <b>2,271.0626</b> | <b>2,271.0626</b> | <b>0.1095</b> |     | <b>2,273.7990</b> |



## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.4 Grading - 2021****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 |               |                |                |               | 6.5755        | 0.0000        | 6.5755        | 3.3710         | 0.0000        | 3.3710        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.5200        | 10.3327        | 18.9906        | 0.0296        |               | 0.0484        | 0.0484        |                | 0.0484        | 0.0484        | 0.0000        | 2,871.9285        | 2,871.9285        | 0.9288        |     | 2,895.1495        |
| <b>Total</b>  | <b>0.5200</b> | <b>10.3327</b> | <b>18.9906</b> | <b>0.0296</b> | <b>6.5755</b> | <b>0.0484</b> | <b>6.6239</b> | <b>3.3710</b>  | <b>0.0484</b> | <b>3.4194</b> | <b>0.0000</b> | <b>2,871.9285</b> | <b>2,871.9285</b> | <b>0.9288</b> |     | <b>2,895.1495</b> |

**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      | 0.1996        | 6.7804        | 1.4293        | 0.0201        | 0.4477        | 0.0213        | 0.4690        | 0.1227         | 0.0203        | 0.1430        |          | 2,152.2686        | 2,152.2686        | 0.1068        |     | 2,154.9386        |
| 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       | 0.0482        | 0.0282        | 0.3685        | 1.1900e-003   | 0.1232        | 7.8000e-004   | 0.1240        | 0.0327         | 7.1000e-004   | 0.0334        |          | 118.7939          | 118.7939          | 2.6600e-003   |     | 118.8603          |
| <b>Total</b> | <b>0.2478</b> | <b>6.8086</b> | <b>1.7978</b> | <b>0.0213</b> | <b>0.5709</b> | <b>0.0220</b> | <b>0.5930</b> | <b>0.1554</b>  | <b>0.0211</b> | <b>0.1764</b> |          | <b>2,271.0626</b> | <b>2,271.0626</b> | <b>0.1095</b> |     | <b>2,273.7990</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.5 Paving - 2021****Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 1.0940        | 10.8399        | 12.2603        | 0.0189        |               | 0.5788        | 0.5788        |                | 0.5342        | 0.5342        |          | 1,804.5523        | 1,804.5523        | 0.5670        |     | 1,818.7270        |
| Paving       | 0.0000        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>1.0940</b> | <b>10.8399</b> | <b>12.2603</b> | <b>0.0189</b> |               | <b>0.5788</b> | <b>0.5788</b> |                | <b>0.5342</b> | <b>0.5342</b> |          | <b>1,804.5523</b> | <b>1,804.5523</b> | <b>0.5670</b> |     | <b>1,818.7270</b> |

**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       | 0.0643        | 0.0376        | 0.4913        | 1.5900e-003        | 0.1643        | 1.0300e-003        | 0.1653        | 0.0436         | 9.5000e-004        | 0.0445        |          | 158.3919        | 158.3919        | 3.5400e-003        |     | 158.4804        |
| <b>Total</b> | <b>0.0643</b> | <b>0.0376</b> | <b>0.4913</b> | <b>1.5900e-003</b> | <b>0.1643</b> | <b>1.0300e-003</b> | <b>0.1653</b> | <b>0.0436</b>  | <b>9.5000e-004</b> | <b>0.0445</b> |          | <b>158.3919</b> | <b>158.3919</b> | <b>3.5400e-003</b> |     | <b>158.4804</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.5 Paving - 2021****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     | 0.2913        | 7.8490        | 13.5323        | 0.0189        |               | 0.0293        | 0.0293        |                | 0.0293        | 0.0293        | 0.0000        | 1,804.5523        | 1,804.5523        | 0.5670        |     | 1,818.7270        |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.2913</b> | <b>7.8490</b> | <b>13.5323</b> | <b>0.0189</b> |               | <b>0.0293</b> | <b>0.0293</b> |                | <b>0.0293</b> | <b>0.0293</b> | <b>0.0000</b> | <b>1,804.5523</b> | <b>1,804.5523</b> | <b>0.5670</b> |     | <b>1,818.7270</b> |

**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       | 0.0643        | 0.0376        | 0.4913        | 1.5900e-003        | 0.1643        | 1.0300e-003        | 0.1653        | 0.0436         | 9.5000e-004        | 0.0445        |          | 158.3919        | 158.3919        | 3.5400e-003        |     | 158.4804        |
| <b>Total</b> | <b>0.0643</b> | <b>0.0376</b> | <b>0.4913</b> | <b>1.5900e-003</b> | <b>0.1643</b> | <b>1.0300e-003</b> | <b>0.1653</b> | <b>0.0436</b>  | <b>9.5000e-004</b> | <b>0.0445</b> |          | <b>158.3919</b> | <b>158.3919</b> | <b>3.5400e-003</b> |     | <b>158.4804</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.6 Building Construction - 2021****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     | 4.1913        | 42.1688        | 32.4327        | 0.0566        |               | 2.1185        | 2.1185        |                | 1.9684        | 1.9684        |          | 5,425.2924        | 5,425.2924        | 1.5449        |     | 5,463.9138        |
| <b>Total</b> | <b>4.1913</b> | <b>42.1688</b> | <b>32.4327</b> | <b>0.0566</b> |               | <b>2.1185</b> | <b>2.1185</b> |                | <b>1.9684</b> | <b>1.9684</b> |          | <b>5,425.2924</b> | <b>5,425.2924</b> | <b>1.5449</b> |     | <b>5,463.9138</b> |

**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       | 9.3000e-003   | 0.3100        | 0.0731        | 8.2000e-004        | 0.0348        | 6.7000e-004        | 0.0355        | 9.4000e-003    | 6.4000e-004        | 0.0100        |          | 86.6876         | 86.6876         | 4.0700e-003        |     | 86.7893         |
| Worker       | 0.0804        | 0.0470        | 0.6141        | 1.9900e-003        | 0.3839        | 1.2900e-003        | 0.3852        | 0.0983         | 1.1900e-003        | 0.0995        |          | 197.9899        | 197.9899        | 4.4300e-003        |     | 198.1005        |
| <b>Total</b> | <b>0.0897</b> | <b>0.3570</b> | <b>0.6872</b> | <b>2.8100e-003</b> | <b>0.4186</b> | <b>1.9600e-003</b> | <b>0.4206</b> | <b>0.1077</b>  | <b>1.8300e-003</b> | <b>0.1095</b> |          | <b>284.6774</b> | <b>284.6774</b> | <b>8.5000e-003</b> |     | <b>284.8898</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.6 Building Construction - 2021****Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0535        | 21.2449        | 36.8644        | 0.0566        |               | 0.1330        | 0.1330        |                | 0.1330        | 0.1330        | 0.0000        | 5,425.2924        | 5,425.2924        | 1.5449        |     | 5,463.9138        |
| <b>Total</b> | <b>1.0535</b> | <b>21.2449</b> | <b>36.8644</b> | <b>0.0566</b> |               | <b>0.1330</b> | <b>0.1330</b> |                | <b>0.1330</b> | <b>0.1330</b> | <b>0.0000</b> | <b>5,425.2924</b> | <b>5,425.2924</b> | <b>1.5449</b> |     | <b>5,463.9138</b> |

**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       | 9.3000e-003   | 0.3100        | 0.0731        | 8.2000e-004        | 0.0348        | 6.7000e-004        | 0.0355        | 9.4000e-003    | 6.4000e-004        | 0.0100        |          | 86.6876         | 86.6876         | 4.0700e-003        |     | 86.7893         |
| Worker       | 0.0804        | 0.0470        | 0.6141        | 1.9900e-003        | 0.3839        | 1.2900e-003        | 0.3852        | 0.0983         | 1.1900e-003        | 0.0995        |          | 197.9899        | 197.9899        | 4.4300e-003        |     | 198.1005        |
| <b>Total</b> | <b>0.0897</b> | <b>0.3570</b> | <b>0.6872</b> | <b>2.8100e-003</b> | <b>0.4186</b> | <b>1.9600e-003</b> | <b>0.4206</b> | <b>0.1077</b>  | <b>1.8300e-003</b> | <b>0.1095</b> |          | <b>284.6774</b> | <b>284.6774</b> | <b>8.5000e-003</b> |     | <b>284.8898</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.6 Building Construction - 2022****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     | 3.6549        | 36.4708        | 31.6361        | 0.0566        |               | 1.7499        | 1.7499        |                | 1.6267        | 1.6267        |          | 5,426.3800        | 5,426.3800        | 1.5408        |     | 5,464.9006        |
| <b>Total</b> | <b>3.6549</b> | <b>36.4708</b> | <b>31.6361</b> | <b>0.0566</b> |               | <b>1.7499</b> | <b>1.7499</b> |                | <b>1.6267</b> | <b>1.6267</b> |          | <b>5,426.3800</b> | <b>5,426.3800</b> | <b>1.5408</b> |     | <b>5,464.9006</b> |

**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       | 8.6800e-003   | 0.2938        | 0.0688        | 8.1000e-004        | 0.0348        | 5.8000e-004        | 0.0354        | 9.4000e-003    | 5.6000e-004        | 9.9600e-003   |          | 85.8434         | 85.8434         | 3.8900e-003        |     | 85.9406         |
| Worker       | 0.0748        | 0.0421        | 0.5658        | 1.9100e-003        | 0.3839        | 1.2600e-003        | 0.3851        | 0.0983         | 1.1600e-003        | 0.0995        |          | 190.7238        | 190.7238        | 3.9700e-003        |     | 190.8232        |
| <b>Total</b> | <b>0.0835</b> | <b>0.3360</b> | <b>0.6346</b> | <b>2.7200e-003</b> | <b>0.4186</b> | <b>1.8400e-003</b> | <b>0.4205</b> | <b>0.1077</b>  | <b>1.7200e-003</b> | <b>0.1094</b> |          | <b>276.5672</b> | <b>276.5672</b> | <b>7.8600e-003</b> |     | <b>276.7638</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.6 Building Construction - 2022****Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0535        | 21.2449        | 36.8644        | 0.0566        |               | 0.1330        | 0.1330        |                | 0.1330        | 0.1330        | 0.0000        | 5,426.3800        | 5,426.3800        | 1.5408        |     | 5,464.9006        |
| <b>Total</b> | <b>1.0535</b> | <b>21.2449</b> | <b>36.8644</b> | <b>0.0566</b> |               | <b>0.1330</b> | <b>0.1330</b> |                | <b>0.1330</b> | <b>0.1330</b> | <b>0.0000</b> | <b>5,426.3800</b> | <b>5,426.3800</b> | <b>1.5408</b> |     | <b>5,464.9006</b> |

**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       | 8.6800e-003   | 0.2938        | 0.0688        | 8.1000e-004        | 0.0348        | 5.8000e-004        | 0.0354        | 9.4000e-003    | 5.6000e-004        | 9.9600e-003   |          | 85.8434         | 85.8434         | 3.8900e-003        |     | 85.9406         |
| Worker       | 0.0748        | 0.0421        | 0.5658        | 1.9100e-003        | 0.3839        | 1.2600e-003        | 0.3851        | 0.0983         | 1.1600e-003        | 0.0995        |          | 190.7238        | 190.7238        | 3.9700e-003        |     | 190.8232        |
| <b>Total</b> | <b>0.0835</b> | <b>0.3360</b> | <b>0.6346</b> | <b>2.7200e-003</b> | <b>0.4186</b> | <b>1.8400e-003</b> | <b>0.4205</b> | <b>0.1077</b>  | <b>1.7200e-003</b> | <b>0.1094</b> |          | <b>276.5672</b> | <b>276.5672</b> | <b>7.8600e-003</b> |     | <b>276.7638</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.6 Building Construction - 2023****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     | 3.2837        | 32.3207        | 30.9947        | 0.0566        |               | 1.4747        | 1.4747        |                | 1.3714        | 1.3714        |          | 5,427.9009        | 5,427.9009        | 1.5369        |     | 5,466.3242        |
| <b>Total</b> | <b>3.2837</b> | <b>32.3207</b> | <b>30.9947</b> | <b>0.0566</b> |               | <b>1.4747</b> | <b>1.4747</b> |                | <b>1.3714</b> | <b>1.3714</b> |          | <b>5,427.9009</b> | <b>5,427.9009</b> | <b>1.5369</b> |     | <b>5,466.3242</b> |

**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       | 6.5000e-003   | 0.2271        | 0.0619        | 7.9000e-004        | 0.0348        | 2.6000e-004        | 0.0350        | 9.4000e-003    | 2.5000e-004        | 9.6500e-003   |          | 83.4285         | 83.4285         | 3.3200e-003        |     | 83.5116         |
| Worker       | 0.0699        | 0.0379        | 0.5219        | 1.8400e-003        | 0.3839        | 1.2400e-003        | 0.3851        | 0.0983         | 1.1400e-003        | 0.0994        |          | 183.4122        | 183.4122        | 3.5700e-003        |     | 183.5014        |
| <b>Total</b> | <b>0.0764</b> | <b>0.2650</b> | <b>0.5838</b> | <b>2.6300e-003</b> | <b>0.4186</b> | <b>1.5000e-003</b> | <b>0.4201</b> | <b>0.1077</b>  | <b>1.3900e-003</b> | <b>0.1091</b> |          | <b>266.8407</b> | <b>266.8407</b> | <b>6.8900e-003</b> |     | <b>267.0130</b> |



## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.6 Building Construction - 2023****Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0535        | 21.2449        | 36.8644        | 0.0566        |               | 0.1330        | 0.1330        |                | 0.1330        | 0.1330        | 0.0000        | 5,427.9009        | 5,427.9009        | 1.5369        |     | 5,466.3242        |
| <b>Total</b> | <b>1.0535</b> | <b>21.2449</b> | <b>36.8644</b> | <b>0.0566</b> |               | <b>0.1330</b> | <b>0.1330</b> |                | <b>0.1330</b> | <b>0.1330</b> | <b>0.0000</b> | <b>5,427.9009</b> | <b>5,427.9009</b> | <b>1.5369</b> |     | <b>5,466.3242</b> |

**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       | 6.5000e-003   | 0.2271        | 0.0619        | 7.9000e-004        | 0.0348        | 2.6000e-004        | 0.0350        | 9.4000e-003    | 2.5000e-004        | 9.6500e-003   |          | 83.4285         | 83.4285         | 3.3200e-003        |     | 83.5116         |
| Worker       | 0.0699        | 0.0379        | 0.5219        | 1.8400e-003        | 0.3839        | 1.2400e-003        | 0.3851        | 0.0983         | 1.1400e-003        | 0.0994        |          | 183.4122        | 183.4122        | 3.5700e-003        |     | 183.5014        |
| <b>Total</b> | <b>0.0764</b> | <b>0.2650</b> | <b>0.5838</b> | <b>2.6300e-003</b> | <b>0.4186</b> | <b>1.5000e-003</b> | <b>0.4201</b> | <b>0.1077</b>  | <b>1.3900e-003</b> | <b>0.1091</b> |          | <b>266.8407</b> | <b>266.8407</b> | <b>6.8900e-003</b> |     | <b>267.0130</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2021****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road        | 5.2010        | 52.8638        | 35.2321        | 0.0599        |               | 2.7174        | 2.7174        |                | 2.5092        | 2.5092        |          | 5,771.657<br>2         | 5,771.657<br>2         | 1.7783        |     | 5,816.115<br>2         |
| <b>Total</b>    | <b>6.6143</b> | <b>52.8638</b> | <b>35.2321</b> | <b>0.0599</b> |               | <b>2.7174</b> | <b>2.7174</b> |                | <b>2.5092</b> | <b>2.5092</b> |          | <b>5,771.657<br/>2</b> | <b>5,771.657<br/>2</b> | <b>1.7783</b> |     | <b>5,816.115<br/>2</b> |

**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       | 0.1286        | 0.0752        | 0.9825        | 3.1800e-003        | 0.8997        | 2.0700e-003        | 0.9018        | 0.2274         | 1.9000e-003        | 0.2293        |          | 316.7838        | 316.7838        | 7.0800e-003        |     | 316.9608        |
| <b>Total</b> | <b>0.1286</b> | <b>0.0752</b> | <b>0.9825</b> | <b>3.1800e-003</b> | <b>0.8997</b> | <b>2.0700e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.9000e-003</b> | <b>0.2293</b> |          | <b>316.7838</b> | <b>316.7838</b> | <b>7.0800e-003</b> |     | <b>316.9608</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2021****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road        | 1.0425        | 21.0708        | 38.3248        | 0.0599        |               | 0.0953        | 0.0953        |                | 0.0953        | 0.0953        | 0.0000        | 5,771.657<br>2         | 5,771.657<br>2         | 1.7783        |     | 5,816.115<br>2         |
| <b>Total</b>    | <b>2.4558</b> | <b>21.0708</b> | <b>38.3248</b> | <b>0.0599</b> |               | <b>0.0953</b> | <b>0.0953</b> |                | <b>0.0953</b> | <b>0.0953</b> | <b>0.0000</b> | <b>5,771.657<br/>2</b> | <b>5,771.657<br/>2</b> | <b>1.7783</b> |     | <b>5,816.115<br/>2</b> |

**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       | 0.1286        | 0.0752        | 0.9825        | 3.1800e-003        | 0.8997        | 2.0700e-003        | 0.9018        | 0.2274         | 1.9000e-003        | 0.2293        |          | 316.7838        | 316.7838        | 7.0800e-003        |     | 316.9608        |
| <b>Total</b> | <b>0.1286</b> | <b>0.0752</b> | <b>0.9825</b> | <b>3.1800e-003</b> | <b>0.8997</b> | <b>2.0700e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.9000e-003</b> | <b>0.2293</b> |          | <b>316.7838</b> | <b>316.7838</b> | <b>7.0800e-003</b> |     | <b>316.9608</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2022****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 4.3512        | 44.0141        | 33.7054        | 0.0599        |               | 2.1819        | 2.1819        |                | 2.0156        | 2.0156        |          | 5,772.6396        | 5,772.6396        | 1.7777        |     | 5,817.0807        |
| <b>Total</b>    | <b>5.7645</b> | <b>44.0141</b> | <b>33.7054</b> | <b>0.0599</b> |               | <b>2.1819</b> | <b>2.1819</b> |                | <b>2.0156</b> | <b>2.0156</b> |          | <b>5,772.6396</b> | <b>5,772.6396</b> | <b>1.7777</b> |     | <b>5,817.0807</b> |

**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       | 0.1197        | 0.0674        | 0.9053        | 3.0600e-003        | 0.8997        | 2.0200e-003        | 0.9018        | 0.2274         | 1.8600e-003        | 0.2292        |          | 305.1582        | 305.1582        | 6.3600e-003        |     | 305.3171        |
| <b>Total</b> | <b>0.1197</b> | <b>0.0674</b> | <b>0.9053</b> | <b>3.0600e-003</b> | <b>0.8997</b> | <b>2.0200e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.8600e-003</b> | <b>0.2292</b> |          | <b>305.1582</b> | <b>305.1582</b> | <b>6.3600e-003</b> |     | <b>305.3171</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2022****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 1.0425        | 21.0708        | 38.3248        | 0.0599        |               | 0.0953        | 0.0953        |                | 0.0953        | 0.0953        | 0.0000        | 5,772.6396        | 5,772.6396        | 1.7777        |     | 5,817.0807        |
| <b>Total</b>    | <b>2.4558</b> | <b>21.0708</b> | <b>38.3248</b> | <b>0.0599</b> |               | <b>0.0953</b> | <b>0.0953</b> |                | <b>0.0953</b> | <b>0.0953</b> | <b>0.0000</b> | <b>5,772.6396</b> | <b>5,772.6396</b> | <b>1.7777</b> |     | <b>5,817.0807</b> |

**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       | 0.1197        | 0.0674        | 0.9053        | 3.0600e-003        | 0.8997        | 2.0200e-003        | 0.9018        | 0.2274         | 1.8600e-003        | 0.2292        |          | 305.1582        | 305.1582        | 6.3600e-003        |     | 305.3171        |
| <b>Total</b> | <b>0.1197</b> | <b>0.0674</b> | <b>0.9053</b> | <b>3.0600e-003</b> | <b>0.8997</b> | <b>2.0200e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.8600e-003</b> | <b>0.2292</b> |          | <b>305.1582</b> | <b>305.1582</b> | <b>6.3600e-003</b> |     | <b>305.3171</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2023****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 3.7692        | 37.6175        | 32.2459        | 0.0600        |               | 1.7725        | 1.7725        |                | 1.6381        | 1.6381        |          | 5,774.1866        | 5,774.1866        | 1.7767        |     | 5,818.6031        |
| <b>Total</b>    | <b>5.1825</b> | <b>37.6175</b> | <b>32.2459</b> | <b>0.0600</b> |               | <b>1.7725</b> | <b>1.7725</b> |                | <b>1.6381</b> | <b>1.6381</b> |          | <b>5,774.1866</b> | <b>5,774.1866</b> | <b>1.7767</b> |     | <b>5,818.6031</b> |

**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       | 0.1118        | 0.0606        | 0.8350        | 2.9400e-003        | 0.8997        | 1.9800e-003        | 0.9017        | 0.2274         | 1.8200e-003        | 0.2292        |          | 293.4595        | 293.4595        | 5.7100e-003        |     | 293.6023        |
| <b>Total</b> | <b>0.1118</b> | <b>0.0606</b> | <b>0.8350</b> | <b>2.9400e-003</b> | <b>0.8997</b> | <b>1.9800e-003</b> | <b>0.9017</b> | <b>0.2274</b>  | <b>1.8200e-003</b> | <b>0.2292</b> |          | <b>293.4595</b> | <b>293.4595</b> | <b>5.7100e-003</b> |     | <b>293.6023</b> |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2023****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 1.0425        | 21.0708        | 38.3248        | 0.0600        |               | 0.0953        | 0.0953        |                | 0.0953        | 0.0953        | 0.0000        | 5,774.1866        | 5,774.1866        | 1.7767        |     | 5,818.6031        |
| <b>Total</b>    | <b>2.4558</b> | <b>21.0708</b> | <b>38.3248</b> | <b>0.0600</b> |               | <b>0.0953</b> | <b>0.0953</b> |                | <b>0.0953</b> | <b>0.0953</b> | <b>0.0000</b> | <b>5,774.1866</b> | <b>5,774.1866</b> | <b>1.7767</b> |     | <b>5,818.6031</b> |

**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       | 0.1118        | 0.0606        | 0.8350        | 2.9400e-003        | 0.8997        | 1.9800e-003        | 0.9017        | 0.2274         | 1.8200e-003        | 0.2292        |          | 293.4595        | 293.4595        | 5.7100e-003        |     | 293.6023        |
| <b>Total</b> | <b>0.1118</b> | <b>0.0606</b> | <b>0.8350</b> | <b>2.9400e-003</b> | <b>0.8997</b> | <b>1.9800e-003</b> | <b>0.9017</b> | <b>0.2274</b>  | <b>1.8200e-003</b> | <b>0.2292</b> |          | <b>293.4595</b> | <b>293.4595</b> | <b>5.7100e-003</b> |     | <b>293.6023</b> |

**4.0 Operational Detail - Mobile**

## Glenview Terrace - Bay Area AQMD Air District, Summer

**4.1 Mitigation Measures Mobile**

## Increase Transit Accessibility

|             | ROG    | NOx    | CO     | SO2    | 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   | 0.3612 | 1.3709 | 3.5536 | 0.0137 | 1.2378        | 0.0106       | 1.2484     | 0.3311         | 9.9100e-003   | 0.3410      |          | 1,392.2634 | 1,392.2634 | 0.0457 |     | 1,393.4061 |
| Unmitigated | 0.3704 | 1.4218 | 3.7903 | 0.0148 | 1.3430        | 0.0114       | 1.3544     | 0.3593         | 0.0106        | 0.3699      |          | 1,501.0795 | 1,501.0795 | 0.0486 |     | 1,502.2938 |

**4.2 Trip Summary Information**

| Land Use              | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------|-------------------------|----------|--------|-------------|------------|
|                       | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Single Family Housing | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |
| Total                 | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |

**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 |
| Single Family Housing | 10.80      | 4.80       | 5.70        | 31.00      | 15.00      | 54.00       | 86             | 11       | 3       |

**4.4 Fleet Mix**



## Glenview Terrace - Bay Area AQMD Air District, Summer

| Land Use              | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Single Family Housing | 0.580272 | 0.038274 | 0.193741 | 0.109917 | 0.015100 | 0.005324 | 0.018491 | 0.026678 | 0.002649 | 0.002134 | 0.005793 | 0.000896 | 0.000732 |

## 5.0 Energy Detail

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Historical Energy Use: N

### 5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable 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   | 0.0339 | 0.2895 | 0.1232 | 1.8500e-003 |               | 0.0234       | 0.0234     |                | 0.0234        | 0.0234      |          | 369.6310  | 369.6310  | 7.0800e-003 | 6.7800e-003 | 371.8276 |
| NaturalGas Unmitigated | 0.0363 | 0.3099 | 0.1319 | 1.9800e-003 |               | 0.0251       | 0.0251     |                | 0.0251        | 0.0251      |          | 395.6129  | 395.6129  | 7.5800e-003 | 7.2500e-003 | 397.9638 |

## Glenview Terrace - Bay Area AQMD Air District, Summer

**5.2 Energy by Land Use - NaturalGas****Unmitigated**

|                       | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O                | CO2e            |
|-----------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Land Use              | kBTU/yr        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |                    |                    |                 |
| Single Family Housing | 3362.71        | 0.0363        | 0.3099        | 0.1319        | 1.9800e-003        |               | 0.0251        | 0.0251        |                | 0.0251        | 0.0251        |          | 395.6129        | 395.6129        | 7.5800e-003        | 7.2500e-003        | 397.9638        |
| <b>Total</b>          |                | <b>0.0363</b> | <b>0.3099</b> | <b>0.1319</b> | <b>1.9800e-003</b> |               | <b>0.0251</b> | <b>0.0251</b> |                | <b>0.0251</b> | <b>0.0251</b> |          | <b>395.6129</b> | <b>395.6129</b> | <b>7.5800e-003</b> | <b>7.2500e-003</b> | <b>397.9638</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   |                 |                 |                    |                    |                 |
| Single Family Housing | 3.14186        | 0.0339        | 0.2895        | 0.1232        | 1.8500e-003        |               | 0.0234        | 0.0234        |                | 0.0234        | 0.0234        |          | 369.6310        | 369.6310        | 7.0800e-003        | 6.7800e-003        | 371.8276        |
| <b>Total</b>          |                | <b>0.0339</b> | <b>0.2895</b> | <b>0.1232</b> | <b>1.8500e-003</b> |               | <b>0.0234</b> | <b>0.0234</b> |                | <b>0.0234</b> | <b>0.0234</b> |          | <b>369.6310</b> | <b>369.6310</b> | <b>7.0800e-003</b> | <b>6.7800e-003</b> | <b>371.8276</b> |

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

## Glenview Terrace - Bay Area AQMD Air District, Summer

No Hearths Installed

|             | ROG     | NOx    | CO      | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e     |
|-------------|---------|--------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|----------|
| Category    | lb/day  |        |         |             |               |              |            |                |               |             | lb/day   |           |           |             |        |          |
| Mitigated   | 1.3903  | 0.0276 | 2.3915  | 1.3000e-004 |               | 0.0133       | 0.0133     |                | 0.0133        | 0.0133      | 0.0000   | 4.3080    | 4.3080    | 4.1300e-003 | 0.0000 | 4.4114   |
| Unmitigated | 31.4435 | 0.6062 | 41.2599 | 0.0733      |               | 5.5094       | 5.5094     |                | 5.5094        | 5.5094      | 590.9718 | 183.4257  | 774.3975  | 0.7348      | 0.0417 | 805.1956 |

## 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 | 0.2014         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                 | 0.0000          |               |               | 0.0000          |
| Consumer Products     | 1.1171         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                 | 0.0000          |               |               | 0.0000          |
| Hearth                | 30.0532        | 0.5787        | 38.8684        | 0.0732        |               | 5.4962        | 5.4962        |                | 5.4962        | 5.4962        | 590.9718        | 179.1177        | 770.0895        | 0.7307        | 0.0417        | 800.7842        |
| Landscaping           | 0.0719         | 0.0276        | 2.3915         | 1.3000e-004   |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        |                 | 4.3080          | 4.3080          | 4.1300e-003   |               | 4.4114          |
| <b>Total</b>          | <b>31.4436</b> | <b>0.6062</b> | <b>41.2599</b> | <b>0.0733</b> |               | <b>5.5094</b> | <b>5.5094</b> |                | <b>5.5094</b> | <b>5.5094</b> | <b>590.9718</b> | <b>183.4257</b> | <b>774.3975</b> | <b>0.7348</b> | <b>0.0417</b> | <b>805.1956</b> |

Mitigated Model Run - Tier 4 Engines

## Glenview Terrace - Bay Area AQMD Air District, 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 | 0.2014        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Consumer Products     | 1.1171        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.0719        | 0.0276        | 2.3915        | 1.3000e-004        |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        |               | 4.3080        | 4.3080        | 4.1300e-003        |               | 4.4114        |
| <b>Total</b>          | <b>1.3903</b> | <b>0.0276</b> | <b>2.3915</b> | <b>1.3000e-004</b> |               | <b>0.0133</b> | <b>0.0133</b> |                | <b>0.0133</b> | <b>0.0133</b> | <b>0.0000</b> | <b>4.3080</b> | <b>4.3080</b> | <b>4.1300e-003</b> | <b>0.0000</b> | <b>4.4114</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

**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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

Glenview Terrace - Bay Area AQMD Air District, Summer

## 10.0 Stationary Equipment

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### Fire Pumps and Emergency Generators

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

### Boilers

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

### User Defined Equipment

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

## 11.0 Vegetation

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## Glenview Terrace - Bay Area AQMD Air District, Winter

**Glenview Terrace**  
**Bay Area AQMD Air District, Winter****1.0 Project Characteristics**

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**1.1 Land Usage**

| Land Uses             | Size  | Metric        | Lot Acreage | Floor Surface Area | Population |
|-----------------------|-------|---------------|-------------|--------------------|------------|
| Single Family Housing | 29.00 | Dwelling Unit | 3.27        | 52,200.00          | 83         |

**1.2 Other Project Characteristics**

|                             |                                |                             |       |                             |       |
|-----------------------------|--------------------------------|-----------------------------|-------|-----------------------------|-------|
| Urbanization                | Urban                          | Wind Speed (m/s)            | 2.2   | Precipitation Freq (Days)   | 64    |
| Climate Zone                | 5                              |                             |       | Operational Year            | 2024  |
| Utility Company             | Pacific Gas & Electric Company |                             |       |                             |       |
| CO2 Intensity<br>(lb/MW hr) | 245.88                         | CH4 Intensity<br>(lb/MW hr) | 0.029 | N2O Intensity<br>(lb/MW hr) | 0.006 |

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

## Glenview Terrace - Bay Area AQMD Air District, Winter

Project Characteristics - Updated co2 intensity factor per PG&E's RPS projections.

Land Use - updated lot acreage to match site plan.

Construction Phase - updating total days

Demolition -

Grading -

Vehicle Trips - Trip generation rate adjusted to match project-specific TIA.

Construction Off-road Equipment Mitigation - Engine tier updated per Mitigation Measure.

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - Title 24 exceedance applied to reflect compliance with 2019 CBSC.

Water Mitigation - Water conservation strategy applied to reflect compliance with 2019 CBSC and MWELO.

| Table Name              | Column Name                | Default Value | New Value |
|-------------------------|----------------------------|---------------|-----------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 4.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 5.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 3.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 2.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 2.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 4.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 4.00      |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 10.00     |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 19.00     |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00      |

## Glenview Terrace - Bay Area AQMD Air District, Winter

|                           |                    |           |                |
|---------------------------|--------------------|-----------|----------------|
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstEquipMitigation   | Tier               | No Change | Tier 4 Interim |
| tblConstructionPhase      | NumDays            | 20.00     | 10.00          |
| tblConstructionPhase      | NumDays            | 5.00      | 10.00          |
| tblConstructionPhase      | NumDays            | 8.00      | 40.00          |
| tblConstructionPhase      | NumDays            | 18.00     | 30.00          |
| tblConstructionPhase      | NumDays            | 230.00    | 520.00         |
| tblConstructionPhase      | NumDays            | 18.00     | 520.00         |
| tblGrading                | MaterialExported   | 0.00      | 8,200.00       |
| tblLandUse                | LotAcreage         | 9.42      | 3.27           |
| tblOffRoadEquipment       | UsageHours         | 7.00      | 8.00           |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35    | 245.88         |
| tblTripsAndVMT            | VendorTripNumber   | 3.00      | 0.00           |
| tblTripsAndVMT            | WorkerTripNumber   | 10.00     | 15.00          |
| tblTripsAndVMT            | WorkerTripNumber   | 2.00      | 18.00          |



## Glenview Terrace - Bay Area AQMD Air District, Winter

|                 |                  |      |       |
|-----------------|------------------|------|-------|
| tblTripsAndVMT  | WorkerTripNumber | 2.00 | 20.00 |
| tblVehicleTrips | ST_TR            | 9.91 | 9.44  |
| tblVehicleTrips | SU_TR            | 8.62 | 9.44  |
| tblVehicleTrips | WD_TR            | 9.52 | 9.44  |

## 2.0 Emissions Summary

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## Glenview Terrace - Bay Area AQMD Air District, Winter

**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   |                 |                 |        |        |                 |
| 2021    | 11.0369 | 95.4962 | 69.2426 | 0.1220 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,755.63<br>66 | 11,755.63<br>66 | 3.3383 | 0.0000 | 11,839.09<br>42 |
| 2022    | 9.6352  | 80.9162 | 66.7913 | 0.1219 | 1.3184        | 3.9357       | 5.2541     | 0.3350         | 3.6460        | 3.9810      | 0.0000   | 11,739.48<br>61 | 11,739.48<br>61 | 3.3323 | 0.0000 | 11,822.79<br>31 |
| 2023    | 8.6666  | 70.2880 | 64.5697 | 0.1218 | 1.3184        | 3.2506       | 4.5690     | 0.3350         | 3.0126        | 3.3477      | 0.0000   | 11,722.72<br>81 | 11,722.72<br>81 | 3.3258 | 0.0000 | 11,805.87<br>21 |
| Maximum | 11.0369 | 95.4962 | 69.2426 | 0.1220 | 18.2141       | 4.8400       | 20.2595    | 9.9699         | 4.4814        | 11.8517     | 0.0000   | 11,755.63<br>66 | 11,755.63<br>66 | 3.3383 | 0.0000 | 11,839.09<br>42 |

**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   |                 |                 |        |        |                 |
| 2021    | 3.7406 | 42.7793 | 76.7669 | 0.1220 | 18.2141       | 0.2324       | 18.2771    | 9.9699         | 0.2321        | 10.0328     | 0.0000   | 11,755.63<br>66 | 11,755.63<br>66 | 3.3383 | 0.0000 | 11,839.09<br>42 |
| 2022    | 3.7251 | 42.7471 | 76.6389 | 0.1219 | 1.3184        | 0.2322       | 1.5506     | 0.3350         | 0.2319        | 0.5670      | 0.0000   | 11,739.48<br>61 | 11,739.48<br>61 | 3.3323 | 0.0000 | 11,822.79<br>31 |
| 2023    | 3.7098 | 42.6655 | 76.5182 | 0.1218 | 1.3184        | 0.2318       | 1.5502     | 0.3350         | 0.2315        | 0.5666      | 0.0000   | 11,722.72<br>81 | 11,722.72<br>81 | 3.3258 | 0.0000 | 11,805.87<br>20 |
| Maximum | 3.7406 | 42.7793 | 76.7669 | 0.1220 | 18.2141       | 0.2324       | 18.2771    | 9.9699         | 0.2321        | 10.0328     | 0.0000   | 11,755.63<br>66 | 11,755.63<br>66 | 3.3383 | 0.0000 | 11,839.09<br>42 |

## Glenview Terrace - Bay Area AQMD Air District, Winter

|                   | ROG   | NOx   | CO     | SO2  | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4  | N2O  | CO2e |
|-------------------|-------|-------|--------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 61.91 | 48.04 | -14.62 | 0.00 | 0.00          | 94.21        | 28.94      | 0.00           | 93.76         | 41.78       | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |

## Glenview Terrace - Bay Area AQMD Air District, 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         | 31.4435        | 0.6062        | 41.2599        | 0.0733        |               | 5.5094        | 5.5094        |                | 5.5094        | 5.5094        | 590.9718        | 183.4257          | 774.3975          | 0.7348        | 0.0417        | 805.1956          |
| Energy       | 0.0363         | 0.3099        | 0.1319         | 1.9800e-003   |               | 0.0251        | 0.0251        |                | 0.0251        | 0.0251        |                 | 395.6129          | 395.6129          | 7.5800e-003   | 7.2500e-003   | 397.9638          |
| Mobile       | 0.3181         | 1.4901        | 3.8006         | 0.0139        | 1.3430        | 0.0115        | 1.3545        | 0.3593         | 0.0107        | 0.3700        |                 | 1,406.4861        | 1,406.4861        | 0.0495        |               | 1,407.7240        |
| <b>Total</b> | <b>31.7979</b> | <b>2.4062</b> | <b>45.1924</b> | <b>0.0892</b> | <b>1.3430</b> | <b>5.5460</b> | <b>6.8890</b> | <b>0.3593</b>  | <b>5.5452</b> | <b>5.9045</b> | <b>590.9718</b> | <b>1,985.5247</b> | <b>2,576.4965</b> | <b>0.7919</b> | <b>0.0490</b> | <b>2,610.8834</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         | 1.3903        | 0.0276        | 2.3915        | 1.3000e-004   |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        | 0.0000        | 4.3080            | 4.3080            | 4.1300e-003   | 0.0000             | 4.4114            |
| Energy       | 0.0339        | 0.2895        | 0.1232        | 1.8500e-003   |               | 0.0234        | 0.0234        |                | 0.0234        | 0.0234        |               | 369.6310          | 369.6310          | 7.0800e-003   | 6.7800e-003        | 371.8276          |
| Mobile       | 0.3090        | 1.4334        | 3.5898        | 0.0129        | 1.2378        | 0.0107        | 1.2484        | 0.3311         | 9.9600e-003   | 0.3411        |               | 1,304.2921        | 1,304.2921        | 0.0468        |                    | 1,305.4612        |
| <b>Total</b> | <b>1.7333</b> | <b>1.7505</b> | <b>6.1046</b> | <b>0.0149</b> | <b>1.2378</b> | <b>0.0474</b> | <b>1.2851</b> | <b>0.3311</b>  | <b>0.0466</b> | <b>0.3777</b> | <b>0.0000</b> | <b>1,678.2311</b> | <b>1,678.2311</b> | <b>0.0580</b> | <b>6.7800e-003</b> | <b>1,681.7001</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

|                   | ROG   | NOx   | CO    | SO2   | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4   | N2O   | CO2e  |
|-------------------|-------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------|-------|-------|
| Percent Reduction | 94.55 | 27.25 | 86.49 | 83.35 | 7.84          | 99.15        | 81.35      | 7.84           | 99.16         | 93.60       | 100.00   | 15.48    | 34.86     | 92.68 | 86.15 | 35.59 |

### 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            | 6/1/2021   | 6/14/2021  | 5             | 10       |                   |
| 2            | Site Preparation      | Site Preparation      | 6/15/2021  | 6/28/2021  | 5             | 10       |                   |
| 3            | Grading               | Grading               | 6/29/2021  | 8/23/2021  | 5             | 40       |                   |
| 4            | Paving                | Paving                | 8/24/2021  | 10/4/2021  | 5             | 30       |                   |
| 5            | Building Construction | Building Construction | 10/5/2021  | 10/2/2023  | 5             | 520      |                   |
| 6            | Architectural Coating | Architectural Coating | 10/19/2021 | 10/16/2023 | 5             | 520      |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20

Acres of Paving: 0

Residential Indoor: 105,705; Residential Outdoor: 35,235; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0  
(Architectural Coating – sqft)

#### OffRoad Equipment

| Phase Name       | Offroad Equipment Type   | Amount | Usage Hours | Horse Power | Load Factor |
|------------------|--------------------------|--------|-------------|-------------|-------------|
| Demolition       | Concrete/Industrial Saws | 1      | 8.00        | 81          | 0.73        |
| Demolition       | Excavators               | 3      | 8.00        | 158         | 0.38        |
| Demolition       | Rubber Tired Dozers      | 2      | 8.00        | 247         | 0.40        |
| Site Preparation | Rubber Tired Dozers      | 3      | 8.00        | 247         | 0.40        |

## Glenview Terrace - Bay Area AQMD Air District, Winter

|                       |                           |   |      |     |      |
|-----------------------|---------------------------|---|------|-----|------|
| Site Preparation      | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |
| Grading               | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Grading               | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Grading               | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Grading               | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Paving                | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Paving                | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Paving                | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Paving                | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Paving                | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Building Construction | Cranes                    | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Building Construction | Forklifts                 | 3 | 8.00 | 89  | 0.20 |
| Building Construction | Generator Sets            | 1 | 8.00 | 84  | 0.74 |
| Building Construction | Graders                   | 1 | 8.00 | 187 | 0.41 |
| Building Construction | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97  | 0.37 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 8.00 | 97  | 0.37 |
| Building Construction | Welders                   | 1 | 8.00 | 46  | 0.45 |
| Architectural Coating | Air Compressors           | 1 | 6.00 | 78  | 0.48 |
| Architectural Coating | Cement and Mortar Mixers  | 2 | 6.00 | 9   | 0.56 |
| Architectural Coating | Pavers                    | 1 | 8.00 | 130 | 0.42 |
| Architectural Coating | Paving Equipment          | 2 | 6.00 | 132 | 0.36 |
| Architectural Coating | Rollers                   | 2 | 6.00 | 80  | 0.38 |
| Architectural Coating | Rubber Tired Dozers       | 3 | 8.00 | 247 | 0.40 |
| Architectural Coating | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Architectural Coating | Tractors/Loaders/Backhoes | 4 | 8.00 | 97  | 0.37 |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**Trips and VMT**

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 36.00               | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 6                       | 15.00              | 0.00               | 1,025.00            | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 8                       | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 15.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 15                      | 10.00              | 3.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 18.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 20.00              | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 16                      | 2.00               | 0.00               | 0.00                | 10.80              | 7.30               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.2 Demolition - 2021****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 |               |                |                |               | 0.7875        | 0.0000        | 0.7875        | 0.1192         | 0.0000        | 0.1192        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        |          | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>0.7875</b> | <b>1.5513</b> | <b>2.3388</b> | <b>0.1192</b>  | <b>1.4411</b> | <b>1.5603</b> |          | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

**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      | 0.0288        | 0.9748        | 0.2156        | 2.7800e-003        | 0.0629        | 3.0400e-003        | 0.0659        | 0.0172         | 2.9100e-003        | 0.0201        |          | 297.2558        | 297.2558        | 0.0157        |     | 297.6491        |
| 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        | 0.0348        | 0.3447        | 1.1000e-003        | 0.1232        | 7.8000e-004        | 0.1240        | 0.0327         | 7.1000e-004        | 0.0334        |          | 109.4305        | 109.4305        | 2.4800e-003   |     | 109.4924        |
| <b>Total</b> | <b>0.0799</b> | <b>1.0097</b> | <b>0.5603</b> | <b>3.8800e-003</b> | <b>0.1861</b> | <b>3.8200e-003</b> | <b>0.1899</b> | <b>0.0499</b>  | <b>3.6200e-003</b> | <b>0.0535</b> |          | <b>406.6863</b> | <b>406.6863</b> | <b>0.0182</b> |     | <b>407.1415</b> |



## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.2 Demolition - 2021****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 |               |                |                |               | 0.7875        | 0.0000        | 0.7875        | 0.1192         | 0.0000        | 0.1192        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.5841        | 13.5576        | 24.6739        | 0.0388        |               | 0.0616        | 0.0616        |                | 0.0616        | 0.0616        | 0.0000        | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>0.5841</b> | <b>13.5576</b> | <b>24.6739</b> | <b>0.0388</b> | <b>0.7875</b> | <b>0.0616</b> | <b>0.8491</b> | <b>0.1192</b>  | <b>0.0616</b> | <b>0.1809</b> | <b>0.0000</b> | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

**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      | 0.0288        | 0.9748        | 0.2156        | 2.7800e-003        | 0.0629        | 3.0400e-003        | 0.0659        | 0.0172         | 2.9100e-003        | 0.0201        |          | 297.2558        | 297.2558        | 0.0157        |     | 297.6491        |
| 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        | 0.0348        | 0.3447        | 1.1000e-003        | 0.1232        | 7.8000e-004        | 0.1240        | 0.0327         | 7.1000e-004        | 0.0334        |          | 109.4305        | 109.4305        | 2.4800e-003   |     | 109.4924        |
| <b>Total</b> | <b>0.0799</b> | <b>1.0097</b> | <b>0.5603</b> | <b>3.8800e-003</b> | <b>0.1861</b> | <b>3.8200e-003</b> | <b>0.1899</b> | <b>0.0499</b>  | <b>3.6200e-003</b> | <b>0.0535</b> |          | <b>406.6863</b> | <b>406.6863</b> | <b>0.0182</b> |     | <b>407.1415</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.3 Site Preparation - 2021****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 |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         |          | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715.4573        |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> |          | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715.4573</b> |

**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       | 0.0613        | 0.0418        | 0.4137        | 1.3200e-003        | 0.1479        | 9.3000e-004        | 0.1488        | 0.0392         | 8.6000e-004        | 0.0401        |          | 131.3166        | 131.3166        | 2.9700e-003        |     | 131.3909        |
| <b>Total</b> | <b>0.0613</b> | <b>0.0418</b> | <b>0.4137</b> | <b>1.3200e-003</b> | <b>0.1479</b> | <b>9.3000e-004</b> | <b>0.1488</b> | <b>0.0392</b>  | <b>8.6000e-004</b> | <b>0.0401</b> |          | <b>131.3166</b> | <b>131.3166</b> | <b>2.9700e-003</b> |     | <b>131.3909</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.3 Site Preparation - 2021****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 |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.6967        | 12.1620        | 22.9600        | 0.0380        |                | 0.0621        | 0.0621         |                | 0.0621        | 0.0621        | 0.0000        | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715.4573        |
| <b>Total</b>  | <b>0.6967</b> | <b>12.1620</b> | <b>22.9600</b> | <b>0.0380</b> | <b>18.0663</b> | <b>0.0621</b> | <b>18.1283</b> | <b>9.9307</b>  | <b>0.0621</b> | <b>9.9928</b> | <b>0.0000</b> | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715.4573</b> |

**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       | 0.0613        | 0.0418        | 0.4137        | 1.3200e-003        | 0.1479        | 9.3000e-004        | 0.1488        | 0.0392         | 8.6000e-004        | 0.0401        |          | 131.3166        | 131.3166        | 2.9700e-003        |     | 131.3909        |
| <b>Total</b> | <b>0.0613</b> | <b>0.0418</b> | <b>0.4137</b> | <b>1.3200e-003</b> | <b>0.1479</b> | <b>9.3000e-004</b> | <b>0.1488</b> | <b>0.0392</b>  | <b>8.6000e-004</b> | <b>0.0401</b> |          | <b>131.3166</b> | <b>131.3166</b> | <b>2.9700e-003</b> |     | <b>131.3909</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.4 Grading - 2021****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 |               |                |                |               | 6.5755        | 0.0000        | 6.5755        | 3.3710         | 0.0000        | 3.3710        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 2.2903        | 24.7367        | 15.8575        | 0.0296        |               | 1.1599        | 1.1599        |                | 1.0671        | 1.0671        |          | 2,871.9285        | 2,871.9285        | 0.9288        |     | 2,895.1495        |
| <b>Total</b>  | <b>2.2903</b> | <b>24.7367</b> | <b>15.8575</b> | <b>0.0296</b> | <b>6.5755</b> | <b>1.1599</b> | <b>7.7354</b> | <b>3.3710</b>  | <b>1.0671</b> | <b>4.4381</b> |          | <b>2,871.9285</b> | <b>2,871.9285</b> | <b>0.9288</b> |     | <b>2,895.1495</b> |

**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      | 0.2050        | 6.9389        | 1.5344        | 0.0198        | 0.4477        | 0.0216        | 0.4693        | 0.1227         | 0.0207        | 0.1434        |          | 2,115.8834        | 2,115.8834        | 0.1120        |     | 2,118.6831        |
| 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        | 0.0348        | 0.3447        | 1.1000e-003   | 0.1232        | 7.8000e-004   | 0.1240        | 0.0327         | 7.1000e-004   | 0.0334        |          | 109.4305          | 109.4305          | 2.4800e-003   |     | 109.4924          |
| <b>Total</b> | <b>0.2561</b> | <b>6.9737</b> | <b>1.8792</b> | <b>0.0209</b> | <b>0.5709</b> | <b>0.0224</b> | <b>0.5933</b> | <b>0.1554</b>  | <b>0.0214</b> | <b>0.1768</b> |          | <b>2,225.3139</b> | <b>2,225.3139</b> | <b>0.1145</b> |     | <b>2,228.1755</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.4 Grading - 2021****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 |               |                |                |               | 6.5755        | 0.0000        | 6.5755        | 3.3710         | 0.0000        | 3.3710        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.5200        | 10.3327        | 18.9906        | 0.0296        |               | 0.0484        | 0.0484        |                | 0.0484        | 0.0484        | 0.0000        | 2,871.9285        | 2,871.9285        | 0.9288        |     | 2,895.1495        |
| <b>Total</b>  | <b>0.5200</b> | <b>10.3327</b> | <b>18.9906</b> | <b>0.0296</b> | <b>6.5755</b> | <b>0.0484</b> | <b>6.6239</b> | <b>3.3710</b>  | <b>0.0484</b> | <b>3.4194</b> | <b>0.0000</b> | <b>2,871.9285</b> | <b>2,871.9285</b> | <b>0.9288</b> |     | <b>2,895.1495</b> |

**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      | 0.2050        | 6.9389        | 1.5344        | 0.0198        | 0.4477        | 0.0216        | 0.4693        | 0.1227         | 0.0207        | 0.1434        |          | 2,115.8834        | 2,115.8834        | 0.1120        |     | 2,118.6831        |
| 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        | 0.0348        | 0.3447        | 1.1000e-003   | 0.1232        | 7.8000e-004   | 0.1240        | 0.0327         | 7.1000e-004   | 0.0334        |          | 109.4305          | 109.4305          | 2.4800e-003   |     | 109.4924          |
| <b>Total</b> | <b>0.2561</b> | <b>6.9737</b> | <b>1.8792</b> | <b>0.0209</b> | <b>0.5709</b> | <b>0.0224</b> | <b>0.5933</b> | <b>0.1554</b>  | <b>0.0214</b> | <b>0.1768</b> |          | <b>2,225.3139</b> | <b>2,225.3139</b> | <b>0.1145</b> |     | <b>2,228.1755</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.5 Paving - 2021****Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Off-Road     | 1.0940        | 10.8399        | 12.2603        | 0.0189        |               | 0.5788        | 0.5788        |                | 0.5342        | 0.5342        |          | 1,804.5523        | 1,804.5523        | 0.5670        |     | 1,818.7270        |
| Paving       | 0.0000        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>1.0940</b> | <b>10.8399</b> | <b>12.2603</b> | <b>0.0189</b> |               | <b>0.5788</b> | <b>0.5788</b> |                | <b>0.5342</b> | <b>0.5342</b> |          | <b>1,804.5523</b> | <b>1,804.5523</b> | <b>0.5670</b> |     | <b>1,818.7270</b> |

**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       | 0.0681        | 0.0464        | 0.4596        | 1.4600e-003        | 0.1643        | 1.0300e-003        | 0.1653        | 0.0436         | 9.5000e-004        | 0.0445        |          | 145.9073        | 145.9073        | 3.3000e-003        |     | 145.9899        |
| <b>Total</b> | <b>0.0681</b> | <b>0.0464</b> | <b>0.4596</b> | <b>1.4600e-003</b> | <b>0.1643</b> | <b>1.0300e-003</b> | <b>0.1653</b> | <b>0.0436</b>  | <b>9.5000e-004</b> | <b>0.0445</b> |          | <b>145.9073</b> | <b>145.9073</b> | <b>3.3000e-003</b> |     | <b>145.9899</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.5 Paving - 2021****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     | 0.2913        | 7.8490        | 13.5323        | 0.0189        |               | 0.0293        | 0.0293        |                | 0.0293        | 0.0293        | 0.0000        | 1,804.5523        | 1,804.5523        | 0.5670        |     | 1,818.7270        |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.2913</b> | <b>7.8490</b> | <b>13.5323</b> | <b>0.0189</b> |               | <b>0.0293</b> | <b>0.0293</b> |                | <b>0.0293</b> | <b>0.0293</b> | <b>0.0000</b> | <b>1,804.5523</b> | <b>1,804.5523</b> | <b>0.5670</b> |     | <b>1,818.7270</b> |

**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       | 0.0681        | 0.0464        | 0.4596        | 1.4600e-003        | 0.1643        | 1.0300e-003        | 0.1653        | 0.0436         | 9.5000e-004        | 0.0445        |          | 145.9073        | 145.9073        | 3.3000e-003        |     | 145.9899        |
| <b>Total</b> | <b>0.0681</b> | <b>0.0464</b> | <b>0.4596</b> | <b>1.4600e-003</b> | <b>0.1643</b> | <b>1.0300e-003</b> | <b>0.1653</b> | <b>0.0436</b>  | <b>9.5000e-004</b> | <b>0.0445</b> |          | <b>145.9073</b> | <b>145.9073</b> | <b>3.3000e-003</b> |     | <b>145.9899</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.6 Building Construction - 2021****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     | 4.1913        | 42.1688        | 32.4327        | 0.0566        |               | 2.1185        | 2.1185        |                | 1.9684        | 1.9684        |          | 5,425.2924        | 5,425.2924        | 1.5449        |     | 5,463.9138        |
| <b>Total</b> | <b>4.1913</b> | <b>42.1688</b> | <b>32.4327</b> | <b>0.0566</b> |               | <b>2.1185</b> | <b>2.1185</b> |                | <b>1.9684</b> | <b>1.9684</b> |          | <b>5,425.2924</b> | <b>5,425.2924</b> | <b>1.5449</b> |     | <b>5,463.9138</b> |

**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       | 9.8600e-003   | 0.3127        | 0.0840        | 8.0000e-004        | 0.0348        | 7.0000e-004        | 0.0355        | 9.4000e-003    | 6.6000e-004        | 0.0101        |          | 84.4881         | 84.4881         | 4.4000e-003        |     | 84.5982         |
| Worker       | 0.0852        | 0.0580        | 0.5745        | 1.8300e-003        | 0.3839        | 1.2900e-003        | 0.3852        | 0.0983         | 1.1900e-003        | 0.0995        |          | 182.3842        | 182.3842        | 4.1300e-003        |     | 182.4873        |
| <b>Total</b> | <b>0.0950</b> | <b>0.3707</b> | <b>0.6586</b> | <b>2.6300e-003</b> | <b>0.4186</b> | <b>1.9900e-003</b> | <b>0.4206</b> | <b>0.1077</b>  | <b>1.8500e-003</b> | <b>0.1095</b> |          | <b>266.8723</b> | <b>266.8723</b> | <b>8.5300e-003</b> |     | <b>267.0855</b> |



## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.6 Building Construction - 2021****Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0535        | 21.2449        | 36.8644        | 0.0566        |               | 0.1330        | 0.1330        |                | 0.1330        | 0.1330        | 0.0000        | 5,425.2924        | 5,425.2924        | 1.5449        |     | 5,463.9138        |
| <b>Total</b> | <b>1.0535</b> | <b>21.2449</b> | <b>36.8644</b> | <b>0.0566</b> |               | <b>0.1330</b> | <b>0.1330</b> |                | <b>0.1330</b> | <b>0.1330</b> | <b>0.0000</b> | <b>5,425.2924</b> | <b>5,425.2924</b> | <b>1.5449</b> |     | <b>5,463.9138</b> |

**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       | 9.8600e-003   | 0.3127        | 0.0840        | 8.0000e-004        | 0.0348        | 7.0000e-004        | 0.0355        | 9.4000e-003    | 6.6000e-004        | 0.0101        |          | 84.4881         | 84.4881         | 4.4000e-003        |     | 84.5982         |
| Worker       | 0.0852        | 0.0580        | 0.5745        | 1.8300e-003        | 0.3839        | 1.2900e-003        | 0.3852        | 0.0983         | 1.1900e-003        | 0.0995        |          | 182.3842        | 182.3842        | 4.1300e-003        |     | 182.4873        |
| <b>Total</b> | <b>0.0950</b> | <b>0.3707</b> | <b>0.6586</b> | <b>2.6300e-003</b> | <b>0.4186</b> | <b>1.9900e-003</b> | <b>0.4206</b> | <b>0.1077</b>  | <b>1.8500e-003</b> | <b>0.1095</b> |          | <b>266.8723</b> | <b>266.8723</b> | <b>8.5300e-003</b> |     | <b>267.0855</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.6 Building Construction - 2022****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     | 3.6549        | 36.4708        | 31.6361        | 0.0566        |               | 1.7499        | 1.7499        |                | 1.6267        | 1.6267        |          | 5,426.3800        | 5,426.3800        | 1.5408        |     | 5,464.9006        |
| <b>Total</b> | <b>3.6549</b> | <b>36.4708</b> | <b>31.6361</b> | <b>0.0566</b> |               | <b>1.7499</b> | <b>1.7499</b> |                | <b>1.6267</b> | <b>1.6267</b> |          | <b>5,426.3800</b> | <b>5,426.3800</b> | <b>1.5408</b> |     | <b>5,464.9006</b> |

**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       | 9.1900e-003   | 0.2960        | 0.0790        | 7.9000e-004        | 0.0348        | 6.0000e-004        | 0.0354        | 9.4000e-003    | 5.8000e-004        | 9.9800e-003   |          | 83.6517         | 83.6517         | 4.2000e-003        |     | 83.7568         |
| Worker       | 0.0795        | 0.0520        | 0.5272        | 1.7600e-003        | 0.3839        | 1.2600e-003        | 0.3851        | 0.0983         | 1.1600e-003        | 0.0995        |          | 175.6980        | 175.6980        | 3.7000e-003        |     | 175.7904        |
| <b>Total</b> | <b>0.0887</b> | <b>0.3481</b> | <b>0.6062</b> | <b>2.5500e-003</b> | <b>0.4186</b> | <b>1.8600e-003</b> | <b>0.4205</b> | <b>0.1077</b>  | <b>1.7400e-003</b> | <b>0.1094</b> |          | <b>259.3497</b> | <b>259.3497</b> | <b>7.9000e-003</b> |     | <b>259.5472</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.6 Building Construction - 2022****Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0535        | 21.2449        | 36.8644        | 0.0566        |               | 0.1330        | 0.1330        |                | 0.1330        | 0.1330        | 0.0000        | 5,426.3800        | 5,426.3800        | 1.5408        |     | 5,464.9006        |
| <b>Total</b> | <b>1.0535</b> | <b>21.2449</b> | <b>36.8644</b> | <b>0.0566</b> |               | <b>0.1330</b> | <b>0.1330</b> |                | <b>0.1330</b> | <b>0.1330</b> | <b>0.0000</b> | <b>5,426.3800</b> | <b>5,426.3800</b> | <b>1.5408</b> |     | <b>5,464.9006</b> |

**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       | 9.1900e-003   | 0.2960        | 0.0790        | 7.9000e-004        | 0.0348        | 6.0000e-004        | 0.0354        | 9.4000e-003    | 5.8000e-004        | 9.9800e-003   |          | 83.6517         | 83.6517         | 4.2000e-003        |     | 83.7568         |
| Worker       | 0.0795        | 0.0520        | 0.5272        | 1.7600e-003        | 0.3839        | 1.2600e-003        | 0.3851        | 0.0983         | 1.1600e-003        | 0.0995        |          | 175.6980        | 175.6980        | 3.7000e-003        |     | 175.7904        |
| <b>Total</b> | <b>0.0887</b> | <b>0.3481</b> | <b>0.6062</b> | <b>2.5500e-003</b> | <b>0.4186</b> | <b>1.8600e-003</b> | <b>0.4205</b> | <b>0.1077</b>  | <b>1.7400e-003</b> | <b>0.1094</b> |          | <b>259.3497</b> | <b>259.3497</b> | <b>7.9000e-003</b> |     | <b>259.5472</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.6 Building Construction - 2023****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     | 3.2837        | 32.3207        | 30.9947        | 0.0566        |               | 1.4747        | 1.4747        |                | 1.3714        | 1.3714        |          | 5,427.9009        | 5,427.9009        | 1.5369        |     | 5,466.3242        |
| <b>Total</b> | <b>3.2837</b> | <b>32.3207</b> | <b>30.9947</b> | <b>0.0566</b> |               | <b>1.4747</b> | <b>1.4747</b> |                | <b>1.3714</b> | <b>1.3714</b> |          | <b>5,427.9009</b> | <b>5,427.9009</b> | <b>1.5369</b> |     | <b>5,466.3242</b> |

**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       | 6.9100e-003   | 0.2282        | 0.0701        | 7.7000e-004        | 0.0348        | 2.7000e-004        | 0.0351        | 9.4000e-003    | 2.6000e-004        | 9.6600e-003   |          | 81.3198         | 81.3198         | 3.5700e-003        |     | 81.4091         |
| Worker       | 0.0745        | 0.0468        | 0.4842        | 1.6900e-003        | 0.3839        | 1.2400e-003        | 0.3851        | 0.0983         | 1.1400e-003        | 0.0994        |          | 168.9695        | 168.9695        | 3.3100e-003        |     | 169.0522        |
| <b>Total</b> | <b>0.0814</b> | <b>0.2749</b> | <b>0.5544</b> | <b>2.4600e-003</b> | <b>0.4186</b> | <b>1.5100e-003</b> | <b>0.4202</b> | <b>0.1077</b>  | <b>1.4000e-003</b> | <b>0.1091</b> |          | <b>250.2894</b> | <b>250.2894</b> | <b>6.8800e-003</b> |     | <b>250.4613</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.6 Building Construction - 2023****Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 1.0535        | 21.2449        | 36.8644        | 0.0566        |               | 0.1330        | 0.1330        |                | 0.1330        | 0.1330        | 0.0000        | 5,427.9009        | 5,427.9009        | 1.5369        |     | 5,466.3242        |
| <b>Total</b> | <b>1.0535</b> | <b>21.2449</b> | <b>36.8644</b> | <b>0.0566</b> |               | <b>0.1330</b> | <b>0.1330</b> |                | <b>0.1330</b> | <b>0.1330</b> | <b>0.0000</b> | <b>5,427.9009</b> | <b>5,427.9009</b> | <b>1.5369</b> |     | <b>5,466.3242</b> |

**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       | 6.9100e-003   | 0.2282        | 0.0701        | 7.7000e-004        | 0.0348        | 2.7000e-004        | 0.0351        | 9.4000e-003    | 2.6000e-004        | 9.6600e-003   |          | 81.3198         | 81.3198         | 3.5700e-003        |     | 81.4091         |
| Worker       | 0.0745        | 0.0468        | 0.4842        | 1.6900e-003        | 0.3839        | 1.2400e-003        | 0.3851        | 0.0983         | 1.1400e-003        | 0.0994        |          | 168.9695        | 168.9695        | 3.3100e-003        |     | 169.0522        |
| <b>Total</b> | <b>0.0814</b> | <b>0.2749</b> | <b>0.5544</b> | <b>2.4600e-003</b> | <b>0.4186</b> | <b>1.5100e-003</b> | <b>0.4202</b> | <b>0.1077</b>  | <b>1.4000e-003</b> | <b>0.1091</b> |          | <b>250.2894</b> | <b>250.2894</b> | <b>6.8800e-003</b> |     | <b>250.4613</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2021****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road        | 5.2010        | 52.8638        | 35.2321        | 0.0599        |               | 2.7174        | 2.7174        |                | 2.5092        | 2.5092        |          | 5,771.657<br>2         | 5,771.657<br>2         | 1.7783        |     | 5,816.115<br>2         |
| <b>Total</b>    | <b>6.6143</b> | <b>52.8638</b> | <b>35.2321</b> | <b>0.0599</b> |               | <b>2.7174</b> | <b>2.7174</b> |                | <b>2.5092</b> | <b>2.5092</b> |          | <b>5,771.657<br/>2</b> | <b>5,771.657<br/>2</b> | <b>1.7783</b> |     | <b>5,816.115<br/>2</b> |

**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       | 0.1363        | 0.0928        | 0.9193        | 2.9300e-003        | 0.8997        | 2.0700e-003        | 0.9018        | 0.2274         | 1.9000e-003        | 0.2293        |          | 291.8147        | 291.8147        | 6.6000e-003        |     | 291.9797        |
| <b>Total</b> | <b>0.1363</b> | <b>0.0928</b> | <b>0.9193</b> | <b>2.9300e-003</b> | <b>0.8997</b> | <b>2.0700e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.9000e-003</b> | <b>0.2293</b> |          | <b>291.8147</b> | <b>291.8147</b> | <b>6.6000e-003</b> |     | <b>291.9797</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2021****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road        | 1.0425        | 21.0708        | 38.3248        | 0.0599        |               | 0.0953        | 0.0953        |                | 0.0953        | 0.0953        | 0.0000        | 5,771.657<br>2         | 5,771.657<br>2         | 1.7783        |     | 5,816.115<br>2         |
| <b>Total</b>    | <b>2.4558</b> | <b>21.0708</b> | <b>38.3248</b> | <b>0.0599</b> |               | <b>0.0953</b> | <b>0.0953</b> |                | <b>0.0953</b> | <b>0.0953</b> | <b>0.0000</b> | <b>5,771.657<br/>2</b> | <b>5,771.657<br/>2</b> | <b>1.7783</b> |     | <b>5,816.115<br/>2</b> |

**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       | 0.1363        | 0.0928        | 0.9193        | 2.9300e-003        | 0.8997        | 2.0700e-003        | 0.9018        | 0.2274         | 1.9000e-003        | 0.2293        |          | 291.8147        | 291.8147        | 6.6000e-003        |     | 291.9797        |
| <b>Total</b> | <b>0.1363</b> | <b>0.0928</b> | <b>0.9193</b> | <b>2.9300e-003</b> | <b>0.8997</b> | <b>2.0700e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.9000e-003</b> | <b>0.2293</b> |          | <b>291.8147</b> | <b>291.8147</b> | <b>6.6000e-003</b> |     | <b>291.9797</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2022****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 4.3512        | 44.0141        | 33.7054        | 0.0599        |               | 2.1819        | 2.1819        |                | 2.0156        | 2.0156        |          | 5,772.6396        | 5,772.6396        | 1.7777        |     | 5,817.0807        |
| <b>Total</b>    | <b>5.7645</b> | <b>44.0141</b> | <b>33.7054</b> | <b>0.0599</b> |               | <b>2.1819</b> | <b>2.1819</b> |                | <b>2.0156</b> | <b>2.0156</b> |          | <b>5,772.6396</b> | <b>5,772.6396</b> | <b>1.7777</b> |     | <b>5,817.0807</b> |

**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       | 0.1272        | 0.0832        | 0.8436        | 2.8200e-003        | 0.8997        | 2.0200e-003        | 0.9018        | 0.2274         | 1.8600e-003        | 0.2292        |          | 281.1168        | 281.1168        | 5.9100e-003        |     | 281.2646        |
| <b>Total</b> | <b>0.1272</b> | <b>0.0832</b> | <b>0.8436</b> | <b>2.8200e-003</b> | <b>0.8997</b> | <b>2.0200e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.8600e-003</b> | <b>0.2292</b> |          | <b>281.1168</b> | <b>281.1168</b> | <b>5.9100e-003</b> |     | <b>281.2646</b> |



## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2022****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 1.0425        | 21.0708        | 38.3248        | 0.0599        |               | 0.0953        | 0.0953        |                | 0.0953        | 0.0953        | 0.0000        | 5,772.6396        | 5,772.6396        | 1.7777        |     | 5,817.0807        |
| <b>Total</b>    | <b>2.4558</b> | <b>21.0708</b> | <b>38.3248</b> | <b>0.0599</b> |               | <b>0.0953</b> | <b>0.0953</b> |                | <b>0.0953</b> | <b>0.0953</b> | <b>0.0000</b> | <b>5,772.6396</b> | <b>5,772.6396</b> | <b>1.7777</b> |     | <b>5,817.0807</b> |

**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       | 0.1272        | 0.0832        | 0.8436        | 2.8200e-003        | 0.8997        | 2.0200e-003        | 0.9018        | 0.2274         | 1.8600e-003        | 0.2292        |          | 281.1168        | 281.1168        | 5.9100e-003        |     | 281.2646        |
| <b>Total</b> | <b>0.1272</b> | <b>0.0832</b> | <b>0.8436</b> | <b>2.8200e-003</b> | <b>0.8997</b> | <b>2.0200e-003</b> | <b>0.9018</b> | <b>0.2274</b>  | <b>1.8600e-003</b> | <b>0.2292</b> |          | <b>281.1168</b> | <b>281.1168</b> | <b>5.9100e-003</b> |     | <b>281.2646</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2023****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 3.7692        | 37.6175        | 32.2459        | 0.0600        |               | 1.7725        | 1.7725        |                | 1.6381        | 1.6381        |          | 5,774.1866        | 5,774.1866        | 1.7767        |     | 5,818.6031        |
| <b>Total</b>    | <b>5.1825</b> | <b>37.6175</b> | <b>32.2459</b> | <b>0.0600</b> |               | <b>1.7725</b> | <b>1.7725</b> |                | <b>1.6381</b> | <b>1.6381</b> |          | <b>5,774.1866</b> | <b>5,774.1866</b> | <b>1.7767</b> |     | <b>5,818.6031</b> |

**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       | 0.1191        | 0.0748        | 0.7747        | 2.7100e-003        | 0.8997        | 1.9800e-003        | 0.9017        | 0.2274         | 1.8200e-003        | 0.2292        |          | 270.3513        | 270.3513        | 5.2900e-003        |     | 270.4835        |
| <b>Total</b> | <b>0.1191</b> | <b>0.0748</b> | <b>0.7747</b> | <b>2.7100e-003</b> | <b>0.8997</b> | <b>1.9800e-003</b> | <b>0.9017</b> | <b>0.2274</b>  | <b>1.8200e-003</b> | <b>0.2292</b> |          | <b>270.3513</b> | <b>270.3513</b> | <b>5.2900e-003</b> |     | <b>270.4835</b> |

## Glenview Terrace - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2023****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 | 1.4133        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road        | 1.0425        | 21.0708        | 38.3248        | 0.0600        |               | 0.0953        | 0.0953        |                | 0.0953        | 0.0953        | 0.0000        | 5,774.1866        | 5,774.1866        | 1.7767        |     | 5,818.6031        |
| <b>Total</b>    | <b>2.4558</b> | <b>21.0708</b> | <b>38.3248</b> | <b>0.0600</b> |               | <b>0.0953</b> | <b>0.0953</b> |                | <b>0.0953</b> | <b>0.0953</b> | <b>0.0000</b> | <b>5,774.1866</b> | <b>5,774.1866</b> | <b>1.7767</b> |     | <b>5,818.6031</b> |

**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       | 0.1191        | 0.0748        | 0.7747        | 2.7100e-003        | 0.8997        | 1.9800e-003        | 0.9017        | 0.2274         | 1.8200e-003        | 0.2292        |          | 270.3513        | 270.3513        | 5.2900e-003        |     | 270.4835        |
| <b>Total</b> | <b>0.1191</b> | <b>0.0748</b> | <b>0.7747</b> | <b>2.7100e-003</b> | <b>0.8997</b> | <b>1.9800e-003</b> | <b>0.9017</b> | <b>0.2274</b>  | <b>1.8200e-003</b> | <b>0.2292</b> |          | <b>270.3513</b> | <b>270.3513</b> | <b>5.2900e-003</b> |     | <b>270.4835</b> |

**4.0 Operational Detail - Mobile**

## Glenview Terrace - Bay Area AQMD Air District, Winter

**4.1 Mitigation Measures Mobile**

## Increase Transit Accessibility

|             | ROG    | NOx    | CO     | SO2    | 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   | 0.3090 | 1.4334 | 3.5898 | 0.0129 | 1.2378        | 0.0107       | 1.2484     | 0.3311         | 9.9600e-003   | 0.3411      |          | 1,304.292<br>1 | 1,304.292<br>1 | 0.0468 |     | 1,305.461<br>2 |
| Unmitigated | 0.3181 | 1.4901 | 3.8006 | 0.0139 | 1.3430        | 0.0115       | 1.3545     | 0.3593         | 0.0107        | 0.3700      |          | 1,406.486<br>1 | 1,406.486<br>1 | 0.0495 |     | 1,407.724<br>0 |

**4.2 Trip Summary Information**

| Land Use              | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|-----------------------|-------------------------|----------|--------|-------------|------------|
|                       | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Single Family Housing | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |
| Total                 | 273.76                  | 273.76   | 273.76 | 632,278     | 582,714    |

**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 |
| Single Family Housing | 10.80      | 4.80       | 5.70        | 31.00      | 15.00      | 54.00       | 86             | 11       | 3       |

**4.4 Fleet Mix**

## Glenview Terrace - Bay Area AQMD Air District, Winter

| Land Use              | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Single Family Housing | 0.580272 | 0.038274 | 0.193741 | 0.109917 | 0.015100 | 0.005324 | 0.018491 | 0.026678 | 0.002649 | 0.002134 | 0.005793 | 0.000896 | 0.000732 |

## 5.0 Energy Detail

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Historical Energy Use: N

### 5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable 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   | 0.0339 | 0.2895 | 0.1232 | 1.8500e-003 |               | 0.0234       | 0.0234     |                | 0.0234        | 0.0234      |          | 369.6310  | 369.6310  | 7.0800e-003 | 6.7800e-003 | 371.8276 |
| NaturalGas Unmitigated | 0.0363 | 0.3099 | 0.1319 | 1.9800e-003 |               | 0.0251       | 0.0251     |                | 0.0251        | 0.0251      |          | 395.6129  | 395.6129  | 7.5800e-003 | 7.2500e-003 | 397.9638 |

## Glenview Terrace - Bay Area AQMD Air District, 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   |                 |                 |                    |                    |                 |
| Single Family Housing | 3362.71        | 0.0363        | 0.3099        | 0.1319        | 1.9800e-003        |               | 0.0251        | 0.0251        |                | 0.0251        | 0.0251        |          | 395.6129        | 395.6129        | 7.5800e-003        | 7.2500e-003        | 397.9638        |
| <b>Total</b>          |                | <b>0.0363</b> | <b>0.3099</b> | <b>0.1319</b> | <b>1.9800e-003</b> |               | <b>0.0251</b> | <b>0.0251</b> |                | <b>0.0251</b> | <b>0.0251</b> |          | <b>395.6129</b> | <b>395.6129</b> | <b>7.5800e-003</b> | <b>7.2500e-003</b> | <b>397.9638</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   |                 |                 |                    |                    |                 |
| Single Family Housing | 3.14186        | 0.0339        | 0.2895        | 0.1232        | 1.8500e-003        |               | 0.0234        | 0.0234        |                | 0.0234        | 0.0234        |          | 369.6310        | 369.6310        | 7.0800e-003        | 6.7800e-003        | 371.8276        |
| <b>Total</b>          |                | <b>0.0339</b> | <b>0.2895</b> | <b>0.1232</b> | <b>1.8500e-003</b> |               | <b>0.0234</b> | <b>0.0234</b> |                | <b>0.0234</b> | <b>0.0234</b> |          | <b>369.6310</b> | <b>369.6310</b> | <b>7.0800e-003</b> | <b>6.7800e-003</b> | <b>371.8276</b> |

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

## Glenview Terrace - Bay Area AQMD Air District, Winter

No Hearths Installed

|             | ROG     | NOx    | CO      | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e     |
|-------------|---------|--------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|----------|
| Category    | lb/day  |        |         |             |               |              |            |                |               |             | lb/day   |           |           |             |        |          |
| Mitigated   | 1.3903  | 0.0276 | 2.3915  | 1.3000e-004 |               | 0.0133       | 0.0133     |                | 0.0133        | 0.0133      | 0.0000   | 4.3080    | 4.3080    | 4.1300e-003 | 0.0000 | 4.4114   |
| Unmitigated | 31.4435 | 0.6062 | 41.2599 | 0.0733      |               | 5.5094       | 5.5094     |                | 5.5094        | 5.5094      | 590.9718 | 183.4257  | 774.3975  | 0.7348      | 0.0417 | 805.1956 |

## 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 | 0.2014         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                 | 0.0000          |               |               | 0.0000          |
| Consumer Products     | 1.1171         |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |                 |                 | 0.0000          |               |               | 0.0000          |
| Hearth                | 30.0532        | 0.5787        | 38.8684        | 0.0732        |               | 5.4962        | 5.4962        |                | 5.4962        | 5.4962        | 590.9718        | 179.1177        | 770.0895        | 0.7307        | 0.0417        | 800.7842        |
| Landscaping           | 0.0719         | 0.0276        | 2.3915         | 1.3000e-004   |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        |                 | 4.3080          | 4.3080          | 4.1300e-003   |               | 4.4114          |
| <b>Total</b>          | <b>31.4436</b> | <b>0.6062</b> | <b>41.2599</b> | <b>0.0733</b> |               | <b>5.5094</b> | <b>5.5094</b> |                | <b>5.5094</b> | <b>5.5094</b> | <b>590.9718</b> | <b>183.4257</b> | <b>774.3975</b> | <b>0.7348</b> | <b>0.0417</b> | <b>805.1956</b> |

Mitigated Model Run - Tier 4 Engines

## Glenview Terrace - Bay Area AQMD Air District, 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 | 0.2014        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Consumer Products     | 1.1171        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |               | 0.0000        |                    |               | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.0719        | 0.0276        | 2.3915        | 1.3000e-004        |               | 0.0133        | 0.0133        |                | 0.0133        | 0.0133        |               | 4.3080        | 4.3080        | 4.1300e-003        |               | 4.4114        |
| <b>Total</b>          | <b>1.3903</b> | <b>0.0276</b> | <b>2.3915</b> | <b>1.3000e-004</b> |               | <b>0.0133</b> | <b>0.0133</b> |                | <b>0.0133</b> | <b>0.0133</b> | <b>0.0000</b> | <b>4.3080</b> | <b>4.3080</b> | <b>4.1300e-003</b> | <b>0.0000</b> | <b>4.4114</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

**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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|



Glenview Terrace - Bay Area AQMD Air District, Winter

## 10.0 Stationary Equipment

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### Fire Pumps and Emergency Generators

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

### Boilers

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

### User Defined Equipment

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

## 11.0 Vegetation

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