
APPENDIX B

CALEEMOD RESULTS

200 N. Bascom Avenue - Existing - Bay Area AQMD Air District, Annual

200 N. Bascom Avenue - EXISTING CONDITIONS

**Bay Area AQMD Air District,
Annual Operations**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|-------|----------|-------------|--------------------|------------|
| Medical Office Building | 18.80 | 1000sqft | 0.43 | 18,805.00 | 0 |
| Other Non-Asphalt Surfaces | 0.10 | 1000sqft | 0.00 | 100.00 | 0 |
| Parking Lot | 26.00 | Space | 0.23 | 10,400.00 | 0 |

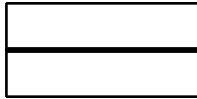
1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|--------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 64 |
| Climate Zone | 6 | | | Operational Year | 2019 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 206 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

roject Characteristics - CO2 Intensity Factor for based on the latest year available,
2019 Land Use - from GHG analysis form

200 N. Bascom Avenue - Existing - Bay Area AQMD Air District, Annual



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 | 0.0842 | 0.0000 | 4.2000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 8.0000e-004 | 8.0000e-004 | 0.0000 | 0.0000 | 8.6000e-004 |
| Energy | 1.3300e-003 | 0.0121 | 0.0101 | 7.0000e-005 | | 9.2000e-004 | 9.2000e-004 | | 9.2000e-004 | 9.2000e-004 | 0.0000 | 38.8592 | 38.8592 | 3.8700e-003 | 9.9000e-004 | 39.2510 |
| Mobile | 0.1550 | 0.7048 | 1.6467 | 4.7600e-003 | 0.3741 | 6.1300e-003 | 0.3803 | 0.1005 | 5.7800e-003 | 0.1062 | 0.0000 | 435.3996 | 435.3996 | 0.0189 | 0.0000 | 435.8720 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 41.2153 | 0.0000 | 41.2153 | 2.4358 | 0.0000 | 102.1091 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.7484 | 1.3397 | 2.0881 | 0.0771 | 1.8500e-003 | 4.5671 |
| Total | 0.2405 | 0.7169 | 1.6573 | 4.8300e-003 | 0.3741 | 7.0500e-003 | 0.3812 | 0.1005 | 6.7000e-003 | 0.1072 | 41.9637 | 475.5993 | 517.5630 | 2.5356 | 2.8400e-003 | 581.8000 |

200 N. Bascom Avenue - PROPOSED Project - Bay Area AQMD Air District, Annual

**200 N. Bascom Avenue - PROPOSED Project
Bay Area AQMD Air District, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------------|-------|----------|-------------|--------------------|------------|
| Medical Office Building | 34.99 | 1000sqft | 0.18 | 34,990.00 | 0 |
| Enclosed Parking with Elevator | 60.00 | Space | 0.37 | 31,794.00 | 0 |
| Other Asphalt Surfaces | 4.70 | 1000sqft | 0.11 | 4,700.00 | 0 |
| Other Non-Asphalt Surfaces | 3.34 | 1000sqft | 0.08 | 3,340.00 | 0 |
| Parking Lot | 2.00 | Space | 0.02 | 800.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|--------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 64 |
| Climate Zone | 5 | Operational Year | 2023 | | |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 206 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor for based on the latest year available, 2018

Land Use - From Construction Spreadsheet and CEQA project description

Construction Phase - Derived from Applicant information

Off-road Equipment - Derived from Applicant information

Trips and VMT - Derived from Applicant information.

Demolition - Derived from Applicant information

Grading -

Energy Use -

Water And Wastewater

Sequestration - 4 trees removed, 4 trees added onsite, 5 trees added offsite.

Energy Mitigation - Current standards are 30% lower than CalEEMod default.

| Table Name | Column Name | Default Value | New Value |
|-------------------------|---------------------------------|---------------|------------|
| tblConstDustMitigation | WaterUnpavedRoadMoistureContent | 0 | 12 |
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 5 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | DPF | No Change | Level 3 |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |

| | | | |
|-------------------------|----------------------------|-----------|-----------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 3.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstEquipMitigation | Tier | No Change | Tier 3 |
| tblConstructionPhase | NumDays | 5.00 | 20.00 |
| tblConstructionPhase | NumDays | 10.00 | 20.00 |
| tblConstructionPhase | NumDays | 2.00 | 20.00 |
| tblConstructionPhase | NumDays | 5.00 | 20.00 |
| tblConstructionPhase | NumDays | 1.00 | 20.00 |
| tblGrading | MaterialExported | 0.00 | 7,500.00 |
| tblGrading | MaterialImported | 0.00 | 100.00 |
| tblLandUse | LandUseSquareFeet | 24,000.00 | 31,794.00 |
| tblLandUse | LotAcreage | 0.80 | 0.18 |
| tblLandUse | LotAcreage | 0.54 | 0.37 |
| tblOffRoadEquipment | HorsePower | 187.00 | 158.00 |
| tblOffRoadEquipment | LoadFactor | 0.41 | 0.38 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 1.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 1.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 1.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 1.00 |

| | | | |
|---------------------------|----------------------------|--------|--------|
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 1.00 |
| tblOffRoadEquipment | UsageHours | 1.00 | 4.00 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 206 |
| tblSequestration | NumberOfNewTrees | 0.00 | 5.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 400.00 |
| tblTripsAndVMT | VendorTripNumber | 12.00 | 100.00 |
| tblTripsAndVMT | WorkerTripNumber | 13.00 | 10.00 |

2.0 Emissions Summary

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 | | | | | |
| 2022 | 0.2920 | 1.3857 | 0.8930 | 3.2200e-003 | 0.1102 | 0.0364 | 0.1466 | 0.0390 | 0.0343 | 0.0733 | 0.0000 | 297.3073 | 297.3073 | 0.0344 | 0.0000 | 298.1673 |
| Maximum | 0.2920 | 1.3857 | 0.8930 | 3.2200e-003 | 0.1102 | 0.0364 | 0.1466 | 0.0390 | 0.0343 | 0.0733 | 0.0000 | 297.3073 | 297.3073 | 0.0344 | 0.0000 | 298.1673 |

| | ROG | NOx | CO | SO2 | 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 | | | | | |
| 2022 | 0.2388 | 1.0878 | 0.7472 | 3.2200e-003 | 0.0792 | 6.2200e-003 | 0.0854 | 0.0254 | 6.1500e-003 | 0.0315 | 0.0000 | 265.1620 | 265.1620 | 0.0310 | 0.0000 | 265.9381 |
| Maximum | 0.2388 | 1.0878 | 0.7472 | 3.2200e-003 | 0.0792 | 6.2200e-003 | 0.0854 | 0.0254 | 6.1500e-003 | 0.0315 | 0.0000 | 265.1620 | 265.1620 | 0.0310 | 0.0000 | 265.9381 |

| | ROG | NOx | CO | SO2 | 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 | 18.21 | 21.50 | 16.32 | 0.00 | 28.14 | 82.92 | 41.76 | 34.93 | 82.07 | 57.01 | 0.00 | 10.81 | 10.81 | 9.77 | 0.00 | 10.81 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|-----------|--|--|
| 1 | 1-1-2022 | 3-31-2022 | 0.4874 | 0.3566 |
| 2 | 4-1-2022 | 6-30-2022 | 0.6081 | 0.4702 |
| 3 | 7-1-2022 | 9-30-2022 | 0.5233 | 0.4440 |
| | | Highest | 0.6081 | 0.4702 |

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 | 0.1585 | 1.0000e-005 | 9.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 1.8800e-003 | 1.8800e-003 | 0.0000 | 0.0000 | 2.0000e-003 |
| Energy | 2.6100e-003 | 0.0237 | 0.0199 | 1.4000e-004 | | 1.8000e-003 | 1.8000e-003 | | 1.8000e-003 | 1.8000e-003 | 0.0000 | 76.5539 | 76.5539 | 7.6400e-003 | 1.9500e-003 | 77.3262 |
| Mobile | 0.2056 | 0.8909 | 2.1928 | 7.8800e-003 | 0.6960 | 6.5200e-003 | 0.7025 | 0.1868 | 6.0800e-003 | 0.1929 | 0.0000 | 724.5890 | 724.5890 | 0.0261 | 0.0000 | 725.2403 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 76.7083 | 0.0000 | 76.7083 | 4.5333 | 0.0000 | 190.0415 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1.3929 | 2.4934 | 3.8863 | 0.1434 | 3.4500e-003 | 8.5001 |
| Total | 0.3667 | 0.9146 | 2.2137 | 8.0200e-003 | 0.6960 | 8.3200e-003 | 0.7043 | 0.1868 | 7.8800e-003 | 0.1947 | 78.1012 | 803.6381 | 881.7393 | 4.7104 | 5.4000e-003 | 1,001.1100 |

2.3 Vegetation

Vegetation

| | CO2e |
|--------------|---------------|
| Category | MT |
| New Trees | 3.6700 |
| Total | 3.6700 |

4.0 Operational Detail - Mobile

| | ROG | NOx | CO | SO2 | Fugitive 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 | | | | | |
| Unmitigated | 0.2056 | 0.8909 | 2.1928 | 7.8800e-003 | 0.6960 | 6.5200e-003 | 0.7025 | 0.1868 | 6.0800e-003 | 0.1929 | 0.0000 | 724.5890 | 724.5890 | 0.0261 | 0.0000 | 725.2403 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|--------------------------------|-------------------------|---------------|--------------|------------------|------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Medical Office Building | 1,264.19 | 313.51 | 54.23 | 1,870,205 | 1,870,205 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | | |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | | |
| Parking Lot | 0.00 | 0.00 | 0.00 | | |
| Total | 1,264.19 | 313.51 | 54.23 | 1,870,205 | 1,870,205 |

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- | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Enclosed Parking with Elevator | 9.50 | 7.30 | 7.30 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Medical Office Building | 9.50 | 7.30 | 7.30 | 29.60 | 51.40 | 19.00 | 60 | 30 | 10 |
| Other Asphalt Surfaces | 9.50 | 7.30 | 7.30 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Other Non-Asphalt Surfaces | 9.50 | 7.30 | 7.30 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Parking Lot | 9.50 | 7.30 | 7.30 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Enclosed Parking with Elevator | 0.578638 | 0.038775 | 0.193686 | 0.110919 | 0.015677 | 0.005341 | 0.018293 | 0.026358 | 0.002641 | 0.002200 | 0.005832 | 0.000891 | 0.000749 |
| Medical Office Building | 0.578638 | 0.038775 | 0.193686 | 0.110919 | 0.015677 | 0.005341 | 0.018293 | 0.026358 | 0.002641 | 0.002200 | 0.005832 | 0.000891 | 0.000749 |
| Other Asphalt Surfaces | 0.578638 | 0.038775 | 0.193686 | 0.110919 | 0.015677 | 0.005341 | 0.018293 | 0.026358 | 0.002641 | 0.002200 | 0.005832 | 0.000891 | 0.000749 |
| Other Non-Asphalt Surfaces | 0.578638 | 0.038775 | 0.193686 | 0.110919 | 0.015677 | 0.005341 | 0.018293 | 0.026358 | 0.002641 | 0.002200 | 0.005832 | 0.000891 | 0.000749 |
| Parking Lot | 0.578638 | 0.038775 | 0.193686 | 0.110919 | 0.015677 | 0.005341 | 0.018293 | 0.026358 | 0.002641 | 0.002200 | 0.005832 | 0.000891 | 0.000749 |

5.0 Energy Detail

Historical Energy Use: N

Exceed Title 24

| | ROG | NOx | CO | SO2 | Fugitive 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 Unmitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 50.7230 | 50.7230 | 7.1400e-003 | 1.4800e-003 | 51.3418 |
| NaturalGas Unmitigated | 2.6100e-003 | 0.0237 | 0.0199 | 1.4000e-004 | | 1.8000e-003 | 1.8000e-003 | | 1.8000e-003 | 1.8000e-003 | 0.0000 | 25.8308 | 25.8308 | 5.0000e-004 | 4.7000e-004 | 25.9843 |

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 | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Medical Office Building | 484052 | 2.6100e-003 | 0.0237 | 0.0199 | 1.4000e-004 | | 1.8000e-003 | 1.8000e-003 | | 1.8000e-003 | 1.8000e-003 | 0.0000 | 25.8308 | 25.8308 | 5.0000e-004 | 4.7000e-004 | 25.9843 |
| Other Asphalt Surfaces | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Other Non-Asphalt Surfaces | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Parking Lot | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 2.6100e-003 | 0.0237 | 0.0199 | 1.4000e-004 | | 1.8000e-003 | 1.8000e-003 | | 1.8000e-003 | 1.8000e-003 | 0.0000 | 25.8308 | 25.8308 | 5.0000e-004 | 4.7000e-004 | 25.9843 |

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------------|-----------------|----------------|--------------------|--------------------|----------------|
| Land Use | kWh/yr | MT/yr | | | |
| Enclosed Parking with Elevator | 148923 | 13.9154 | 1.9600e-003 | 4.1000e-004 | 14.0851 |
| Medical Office Building | 393638 | 36.7815 | 5.1800e-003 | 1.0700e-003 | 37.2302 |
| Other Asphalt Surfaces | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Other Non-Asphalt Surfaces | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Parking Lot | 280 | 0.0262 | 0.0000 | 0.0000 | 0.0265 |
| Total | | 50.7230 | 7.1400e-003 | 1.4800e-003 | 51.3418 |

6.0 Area Detail

| | ROG | NOx | CO | SO2 | Fugitive 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 | | | | | |
| Unmitigated | 0.1585 | 1.0000e-005 | 9.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 1.8800e-003 | 1.8800e-003 | 0.0000 | 0.0000 | 2.0000e-003 |

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 | 0.0191 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 0.1393 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 9.0000e-005 | 1.0000e-005 | 9.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 1.8800e-003 | 1.8800e-003 | 0.0000 | 0.0000 | 2.0000e-003 |
| Total | 0.1585 | 1.0000e-005 | 9.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 1.8800e-003 | 1.8800e-003 | 0.0000 | 0.0000 | 2.0000e-003 |

7.0 Water Detail

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|-------------|--------|
| Category | MT/yr | | | |
| Unmitigated | 3.8863 | 0.1434 | 3.4500e-003 | 8.5001 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------------|--------------------|---------------|---------------|--------------------|---------------|
| Land Use | Mgal | MT/yr | | | |
| Enclosed Parking with Elevator | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Medical Office Building | 4.39056 / 0.836298 | 3.8863 | 0.1434 | 3.4500e-003 | 8.5001 |
| Other Asphalt Surfaces | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Other Non-Asphalt Surfaces | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Parking Lot | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 3.8863 | 0.1434 | 3.4500e-003 | 8.5001 |

8.0 Waste Detail

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| | MT/yr | | | |
| Unmitigated | 76.7083 | 4.5333 | 0.0000 | 190.0415 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|----------|----------------|-----------|-----|-----|------|
| Land Use | tons | MT/yr | | | |

| | | | | | |
|--------------------------------|--------|----------------|---------------|---------------|-----------------|
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Medical Office Building | 377.89 | 76.7083 | 4.5333 | 0.0000 | 190.0415 |
| Other Asphalt Surfaces | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Other Non-Asphalt Surfaces | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Parking Lot | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 76.7083 | 4.5333 | 0.0000 | 190.0415 |

11.0 Vegetation

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|--------|
| Category | MT | | | |
| Unmitigated | 3.6700 | 0.0000 | 0.0000 | 3.6700 |

11.2 Net New Trees

Species Class

| | Number of Trees | Total CO2 | CH4 | N2O | CO2e |
|----------------|-----------------|---------------|---------------|---------------|---------------|
| | | MT | | | |
| Mixed Hardwood | 5 | 3.6700 | 0.0000 | 0.0000 | 3.6700 |
| Total | | 3.6700 | 0.0000 | 0.0000 | 3.6700 |