

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

Wheatland CAP (2030)
Feather River AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|-----------|---------------|-------------|--------------------|------------|
| Single Family Housing | 11,421.00 | Dwelling Unit | 2,942.02 | 20,557,800.00 | 32664 |
| Apartments Low Rise | 1,120.00 | Dwelling Unit | 43.91 | 1,120,000.00 | 3203 |
| Regional Shopping Center | 4,466.00 | 1000sqft | 102.53 | 4,466,000.00 | 0 |
| General Office Building | 17,479.00 | 1000sqft | 401.26 | 17,479,000.00 | 0 |
| City Park | 135.00 | Acre | 135.00 | 5,880,600.00 | 0 |
| Elementary School | 2,179.00 | 1000sqft | 50.02 | 2,179,000.00 | 0 |
| Junior High School | 871.00 | 1000sqft | 20.00 | 871,000.00 | 0 |
| High School | 1,637.00 | 1000sqft | 37.58 | 1,637,000.00 | 0 |
| Government Office Building | 87.12 | 1000sqft | 2.00 | 87,120.00 | 0 |
| Place of Worship | 219.00 | 1000sqft | 5.03 | 219,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 3.4 | Precipitation Freq (Days) | 67 |
| Climate Zone | 3 | | | Operational Year | 2030 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 641.35 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

Project Characteristics -

Land Use - City Information

Construction Phase - Construction not modeled

Off-road Equipment - Construction not modeled

Trips and VMT - Construction not modeled

| Table Name | Column Name | Default Value | New Value |
|---------------------------|----------------------------|---------------|-----------|
| tblLandUse | LotAcreage | 3,708.12 | 2,942.02 |
| tblLandUse | LotAcreage | 70.00 | 43.91 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00 | 0.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 0.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 0.00 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblTripsAndVMT | HaulingTripLength | 20.00 | 0.00 |
| tblTripsAndVMT | VendorTripLength | 6.60 | 0.00 |
| tblTripsAndVMT | WorkerTripLength | 16.80 | 0.00 |

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Wheatland CAP (2030) - Feather River 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 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2041 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Maximum | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

| | ROG | NOx | CO | SO2 | 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) |
|---------|------------|----------|--|--|
| | | Highest | | |

Wheatland CAP (2030) - Feather River 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 | 1,044.7507 | 16.4401 | 1,064.4624 | 1.7647 | | 136.7088 | 136.7088 | | 136.7088 | 136.7088 | 12,954.3226 | 5,585.4449 | 18,539.7675 | 12.1009 | 1.0190 | 19,145.9376 |
| Energy | 3.8485 | 34.0616 | 22.6066 | 0.2099 | | 2.6590 | 2.6590 | | 2.6590 | 2.6590 | 0.0000 | 136,045.7203 | 136,045.7203 | 5.1594 | 1.6147 | 136,655.8836 |
| Mobile | 96.7504 | 953.0444 | 1,036.3473 | 5.8416 | 501.6392 | 3.3048 | 504.9440 | 134.6760 | 3.0909 | 137.7669 | 0.0000 | 541,518.4042 | 541,518.4042 | 23.8898 | 0.0000 | 542,115.6493 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 8,252.1997 | 0.0000 | 8,252.1997 | 487.6910 | 0.0000 | 20,444.4756 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,400.4136 | 10,158.3287 | 11,558.7422 | 144.2952 | 3.4913 | 16,206.5338 |
| Total | 1,145.3497 | 1,003.5461 | 2,123.4163 | 7.8162 | 501.6392 | 142.6725 | 644.3118 | 134.6760 | 142.4587 | 277.1347 | 22,606.9359 | 693,307.8981 | 715,914.8339 | 673.1363 | 6.1250 | 734,568.4798 |

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

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 | 1,044.7507 | 16.4401 | 1,064.4624 | 1.7647 | | 136.7088 | 136.7088 | | 136.7088 | 136.7088 | 12,954.3226 | 5,585.4449 | 18,539.7675 | 12.1009 | 1.0190 | 19,145.9376 |
| Energy | 3.8485 | 34.0616 | 22.6066 | 0.2099 | | 2.6590 | 2.6590 | | 2.6590 | 2.6590 | 0.0000 | 136,045.7203 | 136,045.7203 | 5.1594 | 1.6147 | 136,655.8836 |
| Mobile | 96.7504 | 953.0444 | 1,036.3473 | 5.8416 | 501.6392 | 3.3048 | 504.9440 | 134.6760 | 3.0909 | 137.7669 | 0.0000 | 541,518.4042 | 541,518.4042 | 23.8898 | 0.0000 | 542,115.6493 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 8,252.1997 | 0.0000 | 8,252.1997 | 487.6910 | 0.0000 | 20,444.4756 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,400.4136 | 10,158.3287 | 11,558.7422 | 144.2952 | 3.4913 | 16,206.5338 |
| Total | 1,145.3497 | 1,003.5461 | 2,123.4163 | 7.8162 | 501.6392 | 142.6725 | 644.3118 | 134.6760 | 142.4587 | 277.1347 | 22,606.9359 | 693,307.8981 | 715,914.8339 | 673.1363 | 6.1250 | 734,568.4798 |

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

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|------------------|------------------|------------|------------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 12/31/2018 | 12/27/2041 | 5 | 6000 | |

Acres of Grading (Site Preparation Phase): 0

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; 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 |
|------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Tractors/Loaders/Backhoes | 0 | 0.00 | 97 | 0.37 |
| Site Preparation | Rubber Tired Dozers | 0 | 0.00 | 247 | 0.40 |

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 |
|------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

3.2 Site Preparation - 2041

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 | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

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 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

4.0 Operational Detail - Mobile

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

4.1 Mitigation Measures 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 | | | | | |
| Mitigated | 96.7504 | 953.0444 | 1,036.3473 | 5.8416 | 501.6392 | 3.3048 | 504.9440 | 134.6760 | 3.0909 | 137.7669 | 0.0000 | 541,518.4042 | 541,518.4042 | 23.8898 | 0.0000 | 542,115.6493 |
| Unmitigated | 96.7504 | 953.0444 | 1,036.3473 | 5.8416 | 501.6392 | 3.3048 | 504.9440 | 134.6760 | 3.0909 | 137.7669 | 0.0000 | 541,518.4042 | 541,518.4042 | 23.8898 | 0.0000 | 542,115.6493 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|----------------------------|-------------------------|------------|------------|---------------|---------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 7,380.80 | 8,019.20 | 6798.40 | 27,513,869 | 27,513,869 |
| City Park | 255.15 | 3,071.25 | 2259.90 | 2,327,711 | 2,327,711 |
| Elementary School | 33,621.97 | 0.00 | 0.00 | 71,931,288 | 71,931,288 |
| General Office Building | 192,793.37 | 42,998.34 | 18352.95 | 404,388,786 | 404,388,786 |
| Government Office Building | 6,005.18 | 0.00 | 0.00 | 8,494,830 | 8,494,830 |
| High School | 21,100.93 | 7,153.69 | 2930.23 | 61,880,300 | 61,880,300 |
| Junior High School | 12,002.38 | 0.00 | 0.00 | 27,043,389 | 27,043,389 |
| Place of Worship | 1,995.09 | 2,271.03 | 8021.97 | 4,898,276 | 4,898,276 |
| Regional Shopping Center | 190,698.20 | 223,166.02 | 112721.84 | 333,963,809 | 333,963,809 |
| Single Family Housing | 108,727.92 | 113,182.11 | 98449.02 | 401,774,505 | 401,774,505 |
| Total | 574,580.99 | 399,861.64 | 249,534.31 | 1,344,216,763 | 1,344,216,763 |

4.3 Trip Type Information

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

| 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 |
| Apartments Low Rise | 16.80 | 7.10 | 7.90 | 42.60 | 21.00 | 36.40 | 86 | 11 | 3 |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Office Building | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |
| Government Office Building | 14.70 | 6.60 | 6.60 | 33.00 | 62.00 | 5.00 | 50 | 34 | 16 |
| High School | 14.70 | 6.60 | 6.60 | 77.80 | 17.20 | 5.00 | 75 | 19 | 6 |
| Junior High School | 14.70 | 6.60 | 6.60 | 72.80 | 22.20 | 5.00 | 63 | 25 | 12 |
| Place of Worship | 14.70 | 6.60 | 6.60 | 0.00 | 95.00 | 5.00 | 64 | 25 | 11 |
| Regional Shopping Center | 14.70 | 6.60 | 6.60 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |
| Single Family Housing | 16.80 | 7.10 | 7.90 | 42.60 | 21.00 | 36.40 | 86 | 11 | 3 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| City Park | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Elementary School | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| General Office Building | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Government Office Building | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| High School | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Junior High School | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Place of Worship | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Regional Shopping Center | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Single Family Housing | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Wheatland CAP (2030) - Feather River 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 | | | | | |
| Electricity Mitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 97,958.7544 | 97,958.7544 | 4.4294 | 0.9164 | 98,342.5859 |
| Electricity Unmitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 97,958.7544 | 97,958.7544 | 4.4294 | 0.9164 | 98,342.5859 |
| NaturalGas Mitigated | 3.8485 | 34.0616 | 22.6066 | 0.2099 | | 2.6590 | 2.6590 | | 2.6590 | 2.6590 | 0.0000 | 38,086.9660 | 38,086.9660 | 0.7300 | 0.6983 | 38,313.2978 |
| NaturalGas Unmitigated | 3.8485 | 34.0616 | 22.6066 | 0.2099 | | 2.6590 | 2.6590 | | 2.6590 | 2.6590 | 0.0000 | 38,086.9660 | 38,086.9660 | 0.7300 | 0.6983 | 38,313.2978 |

Wheatland CAP (2030) - Feather River 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 | | | | | |
| Apartments Low Rise | 1.58328e+007 | 0.0854 | 0.7296 | 0.3105 | 4.6600e-003 | | 0.0590 | 0.0590 | | 0.0590 | 0.0590 | 0.0000 | 844.9004 | 844.9004 | 0.0162 | 0.0155 | 849.9212 |
| City Park | 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 |
| Elementary School | 5.47147e+007 | 0.2950 | 2.6821 | 2.2530 | 0.0161 | | 0.2038 | 0.2038 | | 0.2038 | 0.2038 | 0.0000 | 2,919.7842 | 2,919.7842 | 0.0560 | 0.0535 | 2,937.1350 |
| General Office Building | 2.28101e+008 | 1.2300 | 11.1814 | 9.3924 | 0.0671 | | 0.8498 | 0.8498 | | 0.8498 | 0.8498 | 0.0000 | 12,172.3354 | 12,172.3354 | 0.2333 | 0.2232 | 12,244.6695 |
| Government Office Building | 1.13692e+006 | 6.1300e-003 | 0.0557 | 0.0468 | 3.3000e-004 | | 4.2400e-003 | 4.2400e-003 | | 4.2400e-003 | 4.2400e-003 | 0.0000 | 60.6702 | 60.6702 | 1.1600e-003 | 1.1100e-003 | 61.0307 |
| High School | 4.11051e+007 | 0.2216 | 2.0150 | 1.6926 | 0.0121 | | 0.1531 | 0.1531 | | 0.1531 | 0.1531 | 0.0000 | 2,193.5231 | 2,193.5231 | 0.0420 | 0.0402 | 2,206.5581 |
| Junior High School | 2.18708e+007 | 0.1179 | 1.0721 | 0.9006 | 6.4300e-003 | | 0.0815 | 0.0815 | | 0.0815 | 0.0815 | 0.0000 | 1,167.1097 | 1,167.1097 | 0.0224 | 0.0214 | 1,174.0453 |
| Place of Worship | 4.57053e+006 | 0.0247 | 0.2241 | 0.1882 | 1.3400e-003 | | 0.0170 | 0.0170 | | 0.0170 | 0.0170 | 0.0000 | 243.9009 | 243.9009 | 4.6700e-003 | 4.4700e-003 | 245.3503 |
| Regional Shopping Center | 4.77862e+007 | 0.2577 | 2.3425 | 1.9677 | 0.0141 | | 0.1780 | 0.1780 | | 0.1780 | 0.1780 | 0.0000 | 2,550.0536 | 2,550.0536 | 0.0489 | 0.0468 | 2,565.2073 |
| Single Family Housing | 2.98605e+008 | 1.6101 | 13.7592 | 5.8550 | 0.0878 | | 1.1125 | 1.1125 | | 1.1125 | 1.1125 | 0.0000 | 15,934.6885 | 15,934.6885 | 0.3054 | 0.2921 | 16,029.3804 |
| Total | | 3.8485 | 34.0616 | 22.6066 | 0.2099 | | 2.6590 | 2.6590 | | 2.6590 | 2.6590 | 0.0000 | 38,086.9659 | 38,086.9659 | 0.7300 | 0.6983 | 38,313.2978 |

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

5.2 Energy by Land Use - NaturalGas

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 | | | | | |
| Apartments Low Rise | 1.58328e+007 | 0.0854 | 0.7296 | 0.3105 | 4.6600e-003 | | 0.0590 | 0.0590 | | 0.0590 | 0.0590 | 0.0000 | 844.9004 | 844.9004 | 0.0162 | 0.0155 | 849.9212 |
| City Park | 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 |
| Elementary School | 5.47147e+007 | 0.2950 | 2.6821 | 2.2530 | 0.0161 | | 0.2038 | 0.2038 | | 0.2038 | 0.2038 | 0.0000 | 2,919.7842 | 2,919.7842 | 0.0560 | 0.0535 | 2,937.1350 |
| General Office Building | 2.28101e+008 | 1.2300 | 11.1814 | 9.3924 | 0.0671 | | 0.8498 | 0.8498 | | 0.8498 | 0.8498 | 0.0000 | 12,172.3354 | 12,172.3354 | 0.2333 | 0.2232 | 12,244.6695 |
| Government Office Building | 1.13692e+006 | 6.1300e-003 | 0.0557 | 0.0468 | 3.3000e-004 | | 4.2400e-003 | 4.2400e-003 | | 4.2400e-003 | 4.2400e-003 | 0.0000 | 60.6702 | 60.6702 | 1.1600e-003 | 1.1100e-003 | 61.0307 |
| High School | 4.11051e+007 | 0.2216 | 2.0150 | 1.6926 | 0.0121 | | 0.1531 | 0.1531 | | 0.1531 | 0.1531 | 0.0000 | 2,193.5231 | 2,193.5231 | 0.0420 | 0.0402 | 2,206.5581 |
| Junior High School | 2.18708e+007 | 0.1179 | 1.0721 | 0.9006 | 6.4300e-003 | | 0.0815 | 0.0815 | | 0.0815 | 0.0815 | 0.0000 | 1,167.1097 | 1,167.1097 | 0.0224 | 0.0214 | 1,174.0453 |
| Place of Worship | 4.57053e+006 | 0.0247 | 0.2241 | 0.1882 | 1.3400e-003 | | 0.0170 | 0.0170 | | 0.0170 | 0.0170 | 0.0000 | 243.9009 | 243.9009 | 4.6700e-003 | 4.4700e-003 | 245.3503 |
| Regional Shopping Center | 4.77862e+007 | 0.2577 | 2.3425 | 1.9677 | 0.0141 | | 0.1780 | 0.1780 | | 0.1780 | 0.1780 | 0.0000 | 2,550.0536 | 2,550.0536 | 0.0489 | 0.0468 | 2,565.2073 |
| Single Family Housing | 2.98605e+008 | 1.6101 | 13.7592 | 5.8550 | 0.0878 | | 1.1125 | 1.1125 | | 1.1125 | 1.1125 | 0.0000 | 15,934.6885 | 15,934.6885 | 0.3054 | 0.2921 | 16,029.3804 |
| Total | | 3.8485 | 34.0616 | 22.6066 | 0.2099 | | 2.6590 | 2.6590 | | 2.6590 | 2.6590 | 0.0000 | 38,086.9659 | 38,086.9659 | 0.7300 | 0.6983 | 38,313.2978 |

Wheatland CAP (2030) - Feather River 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 | | | |
| Apartments Low Rise | 5.23882e+006 | 1,524.0335 | 0.0689 | 0.0143 | 1,530.0051 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Elementary School | 1.52966e+007 | 4,449.9505 | 0.2012 | 0.0416 | 4,467.3868 |
| General Office Building | 1.59408e+008 | 46,373.7547 | 2.0969 | 0.4338 | 46,555.4609 |
| Government Office Building | 794534 | 231.1392 | 0.0105 | 2.1600e-003 | 232.0448 |
| High School | 1.14917e+007 | 3,343.0789 | 0.1512 | 0.0313 | 3,356.1781 |
| Junior High School | 6.11442e+006 | 1,778.7549 | 0.0804 | 0.0166 | 1,785.7246 |
| Place of Worship | 1.93158e+006 | 561.9188 | 0.0254 | 5.2600e-003 | 564.1205 |
| Regional Shopping Center | 3.63979e+007 | 10,588.5665 | 0.4788 | 0.0991 | 10,630.0556 |
| Single Family Housing | 1.00056e+008 | 29,107.5574 | 1.3162 | 0.2723 | 29,221.6095 |
| Total | | 97,958.7544 | 4.4294 | 0.9164 | 98,342.5859 |

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|-----------------|--------------------|---------------|---------------|--------------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 5.23882e+006 | 1,524.0335 | 0.0689 | 0.0143 | 1,530.0051 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Elementary School | 1.52966e+007 | 4,449.9505 | 0.2012 | 0.0416 | 4,467.3868 |
| General Office Building | 1.59408e+008 | 46,373.7547 | 2.0969 | 0.4338 | 46,555.4609 |
| Government Office Building | 794534 | 231.1392 | 0.0105 | 2.1600e-003 | 232.0448 |
| High School | 1.14917e+007 | 3,343.0789 | 0.1512 | 0.0313 | 3,356.1781 |
| Junior High School | 6.11442e+006 | 1,778.7549 | 0.0804 | 0.0166 | 1,785.7246 |
| Place of Worship | 1.93158e+006 | 561.9188 | 0.0254 | 5.2600e-003 | 564.1205 |
| Regional Shopping Center | 3.63979e+007 | 10,588.5665 | 0.4788 | 0.0991 | 10,630.0556 |
| Single Family Housing | 1.00056e+008 | 29,107.5574 | 1.3162 | 0.2723 | 29,221.6095 |
| Total | | 97,958.7544 | 4.4294 | 0.9164 | 98,342.5859 |

6.0 Area Detail

6.1 Mitigation Measures Area

Wheatland CAP (2030) - Feather River 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 | 1,044.7507 | 16.4401 | 1,064.4624 | 1.7647 | | 136.7088 | 136.7088 | | 136.7088 | 136.7088 | 12,954.3226 | 5,585.4449 | 18,539.7675 | 12.1009 | 1.0190 | 19,145.9376 |
| Unmitigated | 1,044.7507 | 16.4401 | 1,064.4624 | 1.7647 | | 136.7088 | 136.7088 | | 136.7088 | 136.7088 | 12,954.3226 | 5,585.4449 | 18,539.7675 | 12.1009 | 1.0190 | 19,145.9376 |

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 | 65.1254 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 189.9248 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 786.9000 | 15.3673 | 971.3426 | 1.7598 | | 136.1915 | 136.1915 | | 136.1915 | 136.1915 | 12,954.3226 | 5,432.8539 | 18,387.1765 | 11.9547 | 1.0190 | 18,989.6924 |
| Landscaping | 2.8005 | 1.0729 | 93.1198 | 4.9400e-003 | | 0.5173 | 0.5173 | | 0.5173 | 0.5173 | 0.0000 | 152.5910 | 152.5910 | 0.1462 | 0.0000 | 156.2452 |
| Total | 1,044.7507 | 16.4401 | 1,064.4624 | 1.7647 | | 136.7088 | 136.7088 | | 136.7088 | 136.7088 | 12,954.3226 | 5,585.4449 | 18,539.7675 | 12.1009 | 1.0190 | 19,145.9376 |

Wheatland CAP (2030) - Feather River 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 | 65.1254 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 189.9248 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 786.9000 | 15.3673 | 971.3426 | 1.7598 | | 136.1915 | 136.1915 | | 136.1915 | 136.1915 | 12,954.3226 | 5,432.8539 | 18,387.1765 | 11.9547 | 1.0190 | 18,989.6924 |
| Landscaping | 2.8005 | 1.0729 | 93.1198 | 4.9400e-003 | | 0.5173 | 0.5173 | | 0.5173 | 0.5173 | 0.0000 | 152.5910 | 152.5910 | 0.1462 | 0.0000 | 156.2452 |
| Total | 1,044.7507 | 16.4401 | 1,064.4624 | 1.7647 | | 136.7088 | 136.7088 | | 136.7088 | 136.7088 | 12,954.3226 | 5,585.4449 | 18,539.7675 | 12.1009 | 1.0190 | 19,145.9376 |

7.0 Water Detail

7.1 Mitigation Measures Water

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------------|----------|--------|-----------------|
| Category | MT/yr | | | |
| Mitigated | 11,558.74 22 | 144.2952 | 3.4913 | 16,206.53 38 |
| Unmitigated | 11,558.74 22 | 144.2952 | 3.4913 | 16,206.53 38 |

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|--------------------|--------------------|-----------------|---------------|--------------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 72.9725 / 46.0044 | 184.8597 | 2.3851 | 0.0577 | 261.6698 |
| City Park | 0 / 160.85 | 163.7759 | 7.4100e-003 | 1.5300e-003 | 164.4176 |
| Elementary School | 63.1843 / 162.474 | 284.9345 | 2.0708 | 0.0511 | 351.9310 |
| General Office Building | 3106.61 / 1904.05 | 7,814.4487 | 101.5377 | 2.4541 | 11,084.2174 |
| Government Office Building | 17.3072 / 10.6077 | 43.5351 | 0.5657 | 0.0137 | 61.7513 |
| High School | 54.356 / 139.773 | 245.1227 | 1.7815 | 0.0440 | 302.7582 |
| Junior High School | 17.9609 / 46.1852 | 80.9961 | 0.5887 | 0.0145 | 100.0406 |
| Place of Worship | 6.85227 / 10.7177 | 23.8728 | 0.2243 | 5.4800e-003 | 31.1110 |
| Regional Shopping Center | 330.808 / 202.753 | 832.1234 | 10.8123 | 0.2613 | 1,180.3054 |
| Single Family Housing | 744.124 / 469.122 | 1,885.0735 | 24.3219 | 0.5880 | 2,668.3314 |
| Total | | 11,558.7422 | 144.2952 | 3.4913 | 16,206.5338 |

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|--------------------|--------------------|-----------------|---------------|--------------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 72.9725 / 46.0044 | 184.8597 | 2.3851 | 0.0577 | 261.6698 |
| City Park | 0 / 160.85 | 163.7759 | 7.4100e-003 | 1.5300e-003 | 164.4176 |
| Elementary School | 63.1843 / 162.474 | 284.9345 | 2.0708 | 0.0511 | 351.9310 |
| General Office Building | 3106.61 / 1904.05 | 7,814.4487 | 101.5377 | 2.4541 | 11,084.2174 |
| Government Office Building | 17.3072 / 10.6077 | 43.5351 | 0.5657 | 0.0137 | 61.7513 |
| High School | 54.356 / 139.773 | 245.1227 | 1.7815 | 0.0440 | 302.7582 |
| Junior High School | 17.9609 / 46.1852 | 80.9961 | 0.5887 | 0.0145 | 100.0406 |
| Place of Worship | 6.85227 / 10.7177 | 23.8728 | 0.2243 | 5.4800e-003 | 31.1110 |
| Regional Shopping Center | 330.808 / 202.753 | 832.1234 | 10.8123 | 0.2613 | 1,180.3054 |
| Single Family Housing | 744.124 / 469.122 | 1,885.0735 | 24.3219 | 0.5880 | 2,668.3314 |
| Total | | 11,558.7422 | 144.2952 | 3.4913 | 16,206.5338 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------------|----------|--------|-----------------|
| | MT/yr | | | |
| Mitigated | 8,252.199 7 | 487.6910 | 0.0000 | 20,444.47 56 |
| Unmitigated | 8,252.199 7 | 487.6910 | 0.0000 | 20,444.47 56 |

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|----------------|-------------------|-----------------|---------------|--------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 515.2 | 104.5809 | 6.1806 | 0.0000 | 259.0949 |
| City Park | 11.61 | 2.3567 | 0.1393 | 0.0000 | 5.8387 |
| Elementary School | 2832.7 | 575.0125 | 33.9823 | 0.0000 | 1,424.5691 |
| General Office Building | 16255.5 | 3,299.7135 | 195.0075 | 0.0000 | 8,174.9006 |
| Government Office Building | 81.02 | 16.4463 | 0.9720 | 0.0000 | 40.7451 |
| High School | 2128.1 | 431.9851 | 25.5296 | 0.0000 | 1,070.2247 |
| Junior High School | 1132.3 | 229.8467 | 13.5836 | 0.0000 | 569.4354 |
| Place of Worship | 1248.3 | 253.3936 | 14.9751 | 0.0000 | 627.7720 |
| Regional Shopping Center | 4689.3 | 951.8855 | 56.2548 | 0.0000 | 2,358.2561 |
| Single Family Housing | 11759 | 2,386.9789 | 141.0664 | 0.0000 | 5,913.6391 |
| Total | | 8,252.1997 | 487.6910 | 0.0000 | 20,444.4756 |

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|----------------|-------------------|-----------------|---------------|--------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 515.2 | 104.5809 | 6.1806 | 0.0000 | 259.0949 |
| City Park | 11.61 | 2.3567 | 0.1393 | 0.0000 | 5.8387 |
| Elementary School | 2832.7 | 575.0125 | 33.9823 | 0.0000 | 1,424.5691 |
| General Office Building | 16255.5 | 3,299.7135 | 195.0075 | 0.0000 | 8,174.9006 |
| Government Office Building | 81.02 | 16.4463 | 0.9720 | 0.0000 | 40.7451 |
| High School | 2128.1 | 431.9851 | 25.5296 | 0.0000 | 1,070.2247 |
| Junior High School | 1132.3 | 229.8467 | 13.5836 | 0.0000 | 569.4354 |
| Place of Worship | 1248.3 | 253.3936 | 14.9751 | 0.0000 | 627.7720 |
| Regional Shopping Center | 4689.3 | 951.8855 | 56.2548 | 0.0000 | 2,358.2561 |
| Single Family Housing | 11759 | 2,386.9789 | 141.0664 | 0.0000 | 5,913.6391 |
| Total | | 8,252.1997 | 487.6910 | 0.0000 | 20,444.4756 |

9.0 Operational Offroad

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

Wheatland CAP (2030) - Feather River AQMD Air District, Annual

10.0 Stationary Equipment

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

| Equipment Type | ROG | NOx | CO | SO2 | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | | | | | | | | | | | | |
| Rubber Tired Dozers | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Tractors/Loaders/Backhoes | 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 |

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 % | | Vehicle Speed (mph) | 0.00 | |
| No | Clean Paved Road | % PM Reduction | 0.00 | | | |

| Phase | Source | Unmitigated | | Mitigated | | Percent Reduction | |
|------------------|---------------|-------------|-------|-----------|-------|-------------------|-------|
| | | PM10 | PM2.5 | PM10 | PM2.5 | PM10 | PM2.5 |
| Site Preparation | Fugitive Dust | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hearth | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Landscaping | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mobile | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Natural Gas | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Water Indoor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Water Outdoor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Operational Mobile Mitigation

Project Setting:

| Mitigation | Category | Measure | % Reduction | Input Value 1 | Input Value 2 | Input Value |
|------------|----------|-------------------------------------|-------------|---------------|---------------|-------------|
| No | Land Use | Increase Density | 0.00 | | | |
| No | Land Use | Increase Diversity | 0.30 | 0.73 | | |
| No | Land Use | Improve Walkability Design | 0.00 | | | |
| No | Land Use | Improve Destination Accessibility | 0.00 | | | |
| No | Land Use | Increase Transit Accessibility | 0.25 | | | |
| No | Land Use | Integrate Below Market Rate Housing | 0.00 | | | |
| | Land Use | Land Use SubTotal | 0.00 | | | |

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

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

Area Mitigation

| Measure Implemented | Mitigation Measure | Input Value |
|---------------------|--|-------------|
| No | Only Natural Gas Hearth | |
| No | No Hearth | |
| No | Use Low VOC Cleaning Supplies | |
| No | Use Low VOC Paint (Residential Interior) | 250.00 |
| No | Use Low VOC Paint (Residential Exterior) | 250.00 |
| No | Use Low VOC Paint (Non-residential Interior) | 250.00 |
| No | Use Low VOC Paint (Non-residential Exterior) | 250.00 |
| No | Use Low VOC Paint (Parking) | 250.00 |
| No | % Electric Lawnmower | |
| No | % Electric Leafblower | |
| No | % Electric Chainsaw | |

Energy Mitigation Measures

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

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

Water Mitigation Measures

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

Solid Waste Mitigation

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

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

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

Wheatland CAP (2030 Non-Residential Only)
Feather River AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|-----------|----------|-------------|--------------------|------------|
| General Office Building | 17,479.00 | 1000sqft | 401.26 | 17,479,000.00 | 0 |
| Government Office Building | 87.12 | 1000sqft | 2.00 | 87,120.00 | 0 |
| Elementary School | 2,179.00 | 1000sqft | 50.02 | 2,179,000.00 | 0 |
| High School | 1,637.00 | 1000sqft | 37.58 | 1,637,000.00 | 0 |
| Junior High School | 871.00 | 1000sqft | 20.00 | 871,000.00 | 0 |
| Place of Worship | 219.00 | 1000sqft | 5.03 | 219,000.00 | 0 |
| City Park | 135.00 | Acre | 135.00 | 5,880,600.00 | 0 |
| Regional Shopping Center | 4,466.00 | 1000sqft | 102.53 | 4,466,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 3.4 | Precipitation Freq (Days) | 67 |
| Climate Zone | 3 | | | Operational Year | 2030 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 641.35 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

Project Characteristics -

Land Use - City Information

Construction Phase - Construction not modeled

Off-road Equipment - Construction not modeled

Trips and VMT - Construction not modeled

| Table Name | Column Name | Default Value | New Value |
|---------------------------|----------------------------|---------------|-----------|
| tblConstructionPhase | NumDays | 480.00 | 1.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 0.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 0.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 0.00 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblTripsAndVMT | HaulingTripLength | 20.00 | 0.00 |
| tblTripsAndVMT | VendorTripLength | 6.60 | 0.00 |
| tblTripsAndVMT | WorkerTripLength | 16.80 | 0.00 |

2.0 Emissions Summary

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|----------|--|--|
| | | Highest | | |

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 | 136.4993 | 2.2300e-003 | 0.2475 | 2.0000e-005 | | 8.8000e-004 | 8.8000e-004 | | 8.8000e-004 | 8.8000e-004 | 0.0000 | 0.4838 | 0.4838 | 1.2500e-003 | 0.0000 | 0.5150 |
| Energy | 2.1530 | 19.5728 | 16.4412 | 0.1174 | | 1.4875 | 1.4875 | | 1.4875 | 1.4875 | 0.0000 | 88,634.5405 | 88,634.5405 | 3.4527 | 1.0205 | 89,024.9674 |
| Mobile | 71.4473 | 706.5155 | 727.7636 | 4.0604 | 341.4360 | 2.2873 | 343.7233 | 91.6660 | 2.1389 | 93.8048 | 0.0000 | 376,538.6756 | 376,538.6756 | 17.8393 | 0.0000 | 376,984.6592 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 5,760.6399 | 0.0000 | 5,760.6399 | 340.4441 | 0.0000 | 14,271.7416 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,141.1865 | 8,347.6226 | 9,488.8091 | 117.5883 | 2.8457 | 13,276.5325 |
| Total | 210.0996 | 726.0905 | 744.4523 | 4.1779 | 341.4360 | 3.7757 | 345.2117 | 91.6660 | 3.6273 | 95.2933 | 6,901.8264 | 473,521.3224 | 480,423.1488 | 479.3256 | 3.8662 | 493,558.4157 |

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

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 | 136.4993 | 2.2300e-003 | 0.2475 | 2.0000e-005 | | 8.8000e-004 | 8.8000e-004 | | 8.8000e-004 | 8.8000e-004 | 0.0000 | 0.4838 | 0.4838 | 1.2500e-003 | 0.0000 | 0.5150 |
| Energy | 2.1530 | 19.5728 | 16.4412 | 0.1174 | | 1.4875 | 1.4875 | | 1.4875 | 1.4875 | 0.0000 | 88,634.5405 | 88,634.5405 | 3.4527 | 1.0205 | 89,024.9674 |
| Mobile | 71.4473 | 706.5155 | 727.7636 | 4.0604 | 341.4360 | 2.2873 | 343.7233 | 91.6660 | 2.1389 | 93.8048 | 0.0000 | 376,538.6756 | 376,538.6756 | 17.8393 | 0.0000 | 376,984.6592 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 5,760.6399 | 0.0000 | 5,760.6399 | 340.4441 | 0.0000 | 14,271.7416 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,141.1865 | 8,347.6226 | 9,488.8091 | 117.5883 | 2.8457 | 13,276.5325 |
| Total | 210.0996 | 726.0905 | 744.4523 | 4.1779 | 341.4360 | 3.7757 | 345.2117 | 91.6660 | 3.6273 | 95.2933 | 6,901.8264 | 473,521.3224 | 480,423.1488 | 479.3256 | 3.8662 | 493,558.4157 |

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

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|------------------|------------------|------------|-----------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 4/28/2057 | 4/30/2057 | 5 | 1 | |

Acres of Grading (Site Preparation Phase): 0

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; 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 |
|------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 0 | 0.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 0 | 0.00 | 97 | 0.37 |
| | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

3.2 Site Preparation - 2057

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 | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

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 |
| 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 |
| Worker | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

4.0 Operational Detail - Mobile

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

4.1 Mitigation Measures 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 | | | | | |
| Mitigated | 71.4473 | 706.5155 | 727.7636 | 4.0604 | 341.4360 | 2.2873 | 343.7233 | 91.6660 | 2.1389 | 93.8048 | 0.0000 | 376,538.6756 | 376,538.6756 | 17.8393 | 0.0000 | 376,984.6592 |
| Unmitigated | 71.4473 | 706.5155 | 727.7636 | 4.0604 | 341.4360 | 2.2873 | 343.7233 | 91.6660 | 2.1389 | 93.8048 | 0.0000 | 376,538.6756 | 376,538.6756 | 17.8393 | 0.0000 | 376,984.6592 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|----------------------------|-------------------------|-------------------|-------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| City Park | 255.15 | 3,071.25 | 2259.90 | 2,327,711 | 2,327,711 |
| Elementary School | 33,621.97 | 0.00 | 0.00 | 71,931,288 | 71,931,288 |
| General Office Building | 192,793.37 | 42,998.34 | 18352.95 | 404,388,786 | 404,388,786 |
| Government Office Building | 6,005.18 | 0.00 | 0.00 | 8,494,830 | 8,494,830 |
| High School | 21,100.93 | 7,153.69 | 2930.23 | 61,880,300 | 61,880,300 |
| Junior High School | 12,002.38 | 0.00 | 0.00 | 27,043,389 | 27,043,389 |
| Place of Worship | 1,995.09 | 2,271.03 | 8021.97 | 4,898,276 | 4,898,276 |
| Regional Shopping Center | 190,698.20 | 223,166.02 | 112721.84 | 333,963,809 | 333,963,809 |
| Total | 458,472.27 | 278,660.33 | 144,286.89 | 914,928,389 | 914,928,389 |

4.3 Trip Type Information

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

| 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 |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Office Building | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |
| Government Office Building | 14.70 | 6.60 | 6.60 | 33.00 | 62.00 | 5.00 | 50 | 34 | 16 |
| High School | 14.70 | 6.60 | 6.60 | 77.80 | 17.20 | 5.00 | 75 | 19 | 6 |
| Junior High School | 14.70 | 6.60 | 6.60 | 72.80 | 22.20 | 5.00 | 63 | 25 | 12 |
| Place of Worship | 14.70 | 6.60 | 6.60 | 0.00 | 95.00 | 5.00 | 64 | 25 | 11 |
| Regional Shopping Center | 14.70 | 6.60 | 6.60 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| City Park | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Elementary School | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| General Office Building | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Government Office Building | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| High School | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Junior High School | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Place of Worship | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Regional Shopping Center | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Wheatland CAP (2030 Non-Residential Only) - Feather River 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 | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 67,327.1634 | 67,327.1634 | 3.0443 | 0.6299 | 67,590.9713 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 67,327.1634 | 67,327.1634 | 3.0443 | 0.6299 | 67,590.9713 |
| NaturalGas Mitigated | 2.1530 | 19.5728 | 16.4412 | 0.1174 | | 1.4875 | 1.4875 | | 1.4875 | 1.4875 | 0.0000 | 21,307.3770 | 21,307.3770 | 0.4084 | 0.3906 | 21,433.9961 |
| NaturalGas Unmitigated | 2.1530 | 19.5728 | 16.4412 | 0.1174 | | 1.4875 | 1.4875 | | 1.4875 | 1.4875 | 0.0000 | 21,307.3770 | 21,307.3770 | 0.4084 | 0.3906 | 21,433.9961 |

Wheatland CAP (2030 Non-Residential Only) - Feather River 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 | | | | | |
| City Park | 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 |
| Elementary School | 5.47147e+007 | 0.2950 | 2.6821 | 2.2530 | 0.0161 | | 0.2038 | 0.2038 | | 0.2038 | 0.2038 | 0.0000 | 2,919.7842 | 2,919.7842 | 0.0560 | 0.0535 | 2,937.1350 |
| General Office Building | 2.28101e+008 | 1.2300 | 11.1814 | 9.3924 | 0.0671 | | 0.8498 | 0.8498 | | 0.8498 | 0.8498 | 0.0000 | 12,172.3354 | 12,172.3354 | 0.2333 | 0.2232 | 12,244.6695 |
| Government Office Building | 1.13692e+006 | 6.1300e-003 | 0.0557 | 0.0468 | 3.3000e-004 | | 4.2400e-003 | 4.2400e-003 | | 4.2400e-003 | 4.2400e-003 | 0.0000 | 60.6702 | 60.6702 | 1.1600e-003 | 1.1100e-003 | 61.0307 |
| High School | 4.11051e+007 | 0.2216 | 2.0150 | 1.6926 | 0.0121 | | 0.1531 | 0.1531 | | 0.1531 | 0.1531 | 0.0000 | 2,193.5231 | 2,193.5231 | 0.0420 | 0.0402 | 2,206.5581 |
| Junior High School | 2.18708e+007 | 0.1179 | 1.0721 | 0.9006 | 6.4300e-003 | | 0.0815 | 0.0815 | | 0.0815 | 0.0815 | 0.0000 | 1,167.1097 | 1,167.1097 | 0.0224 | 0.0214 | 1,174.0453 |
| Place of Worship | 4.57053e+006 | 0.0247 | 0.2241 | 0.1882 | 1.3400e-003 | | 0.0170 | 0.0170 | | 0.0170 | 0.0170 | 0.0000 | 243.9009 | 243.9009 | 4.6700e-003 | 4.4700e-003 | 245.3503 |
| Regional Shopping Center | 4.77862e+007 | 0.2577 | 2.3425 | 1.9677 | 0.0141 | | 0.1780 | 0.1780 | | 0.1780 | 0.1780 | 0.0000 | 2,550.0536 | 2,550.0536 | 0.0489 | 0.0468 | 2,565.2073 |
| Total | | 2.1530 | 19.5728 | 16.4412 | 0.1174 | | 1.4876 | 1.4876 | | 1.4876 | 1.4876 | 0.0000 | 21,307.3770 | 21,307.3770 | 0.4084 | 0.3906 | 21,433.9961 |

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

5.2 Energy by Land Use - NaturalGas

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 | | | | | |
| City Park | 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 |
| Elementary School | 5.47147e+007 | 0.2950 | 2.6821 | 2.2530 | 0.0161 | | 0.2038 | 0.2038 | | 0.2038 | 0.2038 | 0.0000 | 2,919.7842 | 2,919.7842 | 0.0560 | 0.0535 | 2,937.1350 |
| General Office Building | 2.28101e+008 | 1.2300 | 11.1814 | 9.3924 | 0.0671 | | 0.8498 | 0.8498 | | 0.8498 | 0.8498 | 0.0000 | 12,172.3354 | 12,172.3354 | 0.2333 | 0.2232 | 12,244.6695 |
| Government Office Building | 1.13692e+006 | 6.1300e-003 | 0.0557 | 0.0468 | 3.3000e-004 | | 4.2400e-003 | 4.2400e-003 | | 4.2400e-003 | 4.2400e-003 | 0.0000 | 60.6702 | 60.6702 | 1.1600e-003 | 1.1100e-003 | 61.0307 |
| High School | 4.11051e+007 | 0.2216 | 2.0150 | 1.6926 | 0.0121 | | 0.1531 | 0.1531 | | 0.1531 | 0.1531 | 0.0000 | 2,193.5231 | 2,193.5231 | 0.0420 | 0.0402 | 2,206.5581 |
| Junior High School | 2.18708e+007 | 0.1179 | 1.0721 | 0.9006 | 6.4300e-003 | | 0.0815 | 0.0815 | | 0.0815 | 0.0815 | 0.0000 | 1,167.1097 | 1,167.1097 | 0.0224 | 0.0214 | 1,174.0453 |
| Place of Worship | 4.57053e+006 | 0.0247 | 0.2241 | 0.1882 | 1.3400e-003 | | 0.0170 | 0.0170 | | 0.0170 | 0.0170 | 0.0000 | 243.9009 | 243.9009 | 4.6700e-003 | 4.4700e-003 | 245.3503 |
| Regional Shopping Center | 4.77862e+007 | 0.2577 | 2.3425 | 1.9677 | 0.0141 | | 0.1780 | 0.1780 | | 0.1780 | 0.1780 | 0.0000 | 2,550.0536 | 2,550.0536 | 0.0489 | 0.0468 | 2,565.2073 |
| Total | | 2.1530 | 19.5728 | 16.4412 | 0.1174 | | 1.4876 | 1.4876 | | 1.4876 | 1.4876 | 0.0000 | 21,307.3770 | 21,307.3770 | 0.4084 | 0.3906 | 21,433.9961 |

Wheatland CAP (2030 Non-Residential Only) - Feather River 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 | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Elementary School | 1.52966e+007 | 4,449.9505 | 0.2012 | 0.0416 | 4,467.3868 |
| General Office Building | 1.59408e+008 | 46,373.7547 | 2.0969 | 0.4338 | 46,555.4609 |
| Government Office Building | 794534 | 231.1392 | 0.0105 | 2.1600e-003 | 232.0448 |
| High School | 1.14917e+007 | 3,343.0789 | 0.1512 | 0.0313 | 3,356.1781 |
| Junior High School | 6.11442e+006 | 1,778.7549 | 0.0804 | 0.0166 | 1,785.7246 |
| Place of Worship | 1.93158e+006 | 561.9188 | 0.0254 | 5.2600e-003 | 564.1205 |
| Regional Shopping Center | 3.63979e+007 | 10,588.5665 | 0.4788 | 0.0991 | 10,630.0556 |
| Total | | 67,327.1635 | 3.0443 | 0.6299 | 67,590.9713 |

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|-----------------|--------------------|---------------|---------------|--------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Elementary School | 1.52966e+007 | 4,449.9505 | 0.2012 | 0.0416 | 4,467.3868 |
| General Office Building | 1.59408e+008 | 46,373.7547 | 2.0969 | 0.4338 | 46,555.4609 |
| Government Office Building | 794534 | 231.1392 | 0.0105 | 2.1600e-003 | 232.0448 |
| High School | 1.14917e+007 | 3,343.0789 | 0.1512 | 0.0313 | 3,356.1781 |
| Junior High School | 6.11442e+006 | 1,778.7549 | 0.0804 | 0.0166 | 1,785.7246 |
| Place of Worship | 1.93158e+006 | 561.9188 | 0.0254 | 5.2600e-003 | 564.1205 |
| Regional Shopping Center | 3.63979e+007 | 10,588.5665 | 0.4788 | 0.0991 | 10,630.0556 |
| Total | | 67,327.1635 | 3.0443 | 0.6299 | 67,590.9713 |

6.0 Area Detail

6.1 Mitigation Measures Area

Wheatland CAP (2030 Non-Residential Only) - Feather River 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 | 136.4993 | 2.2300e-003 | 0.2475 | 2.0000e-005 | | 8.8000e-004 | 8.8000e-004 | | 8.8000e-004 | 8.8000e-004 | 0.0000 | 0.4838 | 0.4838 | 1.2500e-003 | 0.0000 | 0.5150 |
| Unmitigated | 136.4993 | 2.2300e-003 | 0.2475 | 2.0000e-005 | | 8.8000e-004 | 8.8000e-004 | | 8.8000e-004 | 8.8000e-004 | 0.0000 | 0.4838 | 0.4838 | 1.2500e-003 | 0.0000 | 0.5150 |

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 | 31.2146 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 105.2621 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 0.0227 | 2.2300e-003 | 0.2475 | 2.0000e-005 | | 8.8000e-004 | 8.8000e-004 | | 8.8000e-004 | 8.8000e-004 | 0.0000 | 0.4838 | 0.4838 | 1.2500e-003 | 0.0000 | 0.5150 |
| Total | 136.4993 | 2.2300e-003 | 0.2475 | 2.0000e-005 | | 8.8000e-004 | 8.8000e-004 | | 8.8000e-004 | 8.8000e-004 | 0.0000 | 0.4838 | 0.4838 | 1.2500e-003 | 0.0000 | 0.5150 |

Wheatland CAP (2030 Non-Residential Only) - Feather River 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 | 31.2146 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 105.2621 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 0.0227 | 2.2300e-003 | 0.2475 | 2.0000e-005 | | 8.8000e-004 | 8.8000e-004 | | 8.8000e-004 | 8.8000e-004 | 0.0000 | 0.4838 | 0.4838 | 1.2500e-003 | 0.0000 | 0.5150 |
| Total | 136.4993 | 2.2300e-003 | 0.2475 | 2.0000e-005 | | 8.8000e-004 | 8.8000e-004 | | 8.8000e-004 | 8.8000e-004 | 0.0000 | 0.4838 | 0.4838 | 1.2500e-003 | 0.0000 | 0.5150 |

7.0 Water Detail

7.1 Mitigation Measures Water

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------------|----------|--------|-----------------|
| Category | MT/yr | | | |
| Mitigated | 9,488.809 1 | 117.5883 | 2.8457 | 13,276.53 25 |
| Unmitigated | 9,488.809 1 | 117.5883 | 2.8457 | 13,276.53 25 |

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|--------------------|-------------------|-----------------|---------------|--------------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 160.85 | 163.7759 | 7.4100e-003 | 1.5300e-003 | 164.4176 |
| Elementary School | 63.1843 / 162.474 | 284.9345 | 2.0708 | 0.0511 | 351.9310 |
| General Office Building | 3106.61 / 1904.05 | 7,814.4487 | 101.5377 | 2.4541 | 11,084.2174 |
| Government Office Building | 17.3072 / 10.6077 | 43.5351 | 0.5657 | 0.0137 | 61.7513 |
| High School | 54.356 / 139.773 | 245.1227 | 1.7815 | 0.0440 | 302.7582 |
| Junior High School | 17.9609 / 46.1852 | 80.9961 | 0.5887 | 0.0145 | 100.0406 |
| Place of Worship | 6.85227 / 10.7177 | 23.8728 | 0.2243 | 5.4800e-003 | 31.1110 |
| Regional Shopping Center | 330.808 / 202.753 | 832.1234 | 10.8123 | 0.2613 | 1,180.3054 |
| Total | | 9,488.8090 | 117.5883 | 2.8457 | 13,276.5325 |

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

7.2 Water by Land Use**Mitigated**

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|--------------------|-------------------|-----------------|---------------|--------------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 160.85 | 163.7759 | 7.4100e-003 | 1.5300e-003 | 164.4176 |
| Elementary School | 63.1843 / 162.474 | 284.9345 | 2.0708 | 0.0511 | 351.9310 |
| General Office Building | 3106.61 / 1904.05 | 7,814.4487 | 101.5377 | 2.4541 | 11,084.2174 |
| Government Office Building | 17.3072 / 10.6077 | 43.5351 | 0.5657 | 0.0137 | 61.7513 |
| High School | 54.356 / 139.773 | 245.1227 | 1.7815 | 0.0440 | 302.7582 |
| Junior High School | 17.9609 / 46.1852 | 80.9961 | 0.5887 | 0.0145 | 100.0406 |
| Place of Worship | 6.85227 / 10.7177 | 23.8728 | 0.2243 | 5.4800e-003 | 31.1110 |
| Regional Shopping Center | 330.808 / 202.753 | 832.1234 | 10.8123 | 0.2613 | 1,180.3054 |
| Total | | 9,488.8090 | 117.5883 | 2.8457 | 13,276.5325 |

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------------|----------|--------|-----------------|
| | MT/yr | | | |
| Mitigated | 5,760.639 9 | 340.4441 | 0.0000 | 14,271.74 16 |
| Unmitigated | 5,760.639 9 | 340.4441 | 0.0000 | 14,271.74 16 |

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

8.2 Waste by Land Use**Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|----------------|-------------------|-----------------|---------------|--------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 11.61 | 2.3567 | 0.1393 | 0.0000 | 5.8387 |
| Elementary School | 2832.7 | 575.0125 | 33.9823 | 0.0000 | 1,424.5691 |
| General Office Building | 16255.5 | 3,299.7135 | 195.0075 | 0.0000 | 8,174.9006 |
| Government Office Building | 81.02 | 16.4463 | 0.9720 | 0.0000 | 40.7451 |
| High School | 2128.1 | 431.9851 | 25.5296 | 0.0000 | 1,070.2247 |
| Junior High School | 1132.3 | 229.8467 | 13.5836 | 0.0000 | 569.4354 |
| Place of Worship | 1248.3 | 253.3936 | 14.9751 | 0.0000 | 627.7720 |
| Regional Shopping Center | 4689.3 | 951.8855 | 56.2548 | 0.0000 | 2,358.2561 |
| Total | | 5,760.6400 | 340.4441 | 0.0000 | 14,271.7416 |

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|----------------|-------------------|-----------------|---------------|--------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 11.61 | 2.3567 | 0.1393 | 0.0000 | 5.8387 |
| Elementary School | 2832.7 | 575.0125 | 33.9823 | 0.0000 | 1,424.5691 |
| General Office Building | 16255.5 | 3,299.7135 | 195.0075 | 0.0000 | 8,174.9006 |
| Government Office Building | 81.02 | 16.4463 | 0.9720 | 0.0000 | 40.7451 |
| High School | 2128.1 | 431.9851 | 25.5296 | 0.0000 | 1,070.2247 |
| Junior High School | 1132.3 | 229.8467 | 13.5836 | 0.0000 | 569.4354 |
| Place of Worship | 1248.3 | 253.3936 | 14.9751 | 0.0000 | 627.7720 |
| Regional Shopping Center | 4689.3 | 951.8855 | 56.2548 | 0.0000 | 2,358.2561 |
| Total | | 5,760.6400 | 340.4441 | 0.0000 | 14,271.7416 |

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Wheatland CAP (2030 Non-Residential Only) - Feather River AQMD Air District, Annual

| 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

| Equipment Type | ROG | NOx | CO | SO2 | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | | | | | | | | | | | | |
| Rubber Tired Dozers | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Tractors/Loaders/Backhoes | 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 |

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 % | | Vehicle Speed (mph) | 0.00 | |
| No | Clean Paved Road | % PM Reduction | 0.00 | | | |

| Phase | Source | Unmitigated | | Mitigated | | Percent Reduction | |
|------------------|---------------|-------------|-------|-----------|-------|-------------------|-------|
| | | PM10 | PM2.5 | PM10 | PM2.5 | PM10 | PM2.5 |
| Site Preparation | Fugitive Dust | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hearth | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Landscaping | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mobile | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Natural Gas | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Water Indoor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Water Outdoor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Operational Mobile Mitigation

Project Setting:

| Mitigation | Category | Measure | % Reduction | Input Value 1 | Input Value 2 | Input Value |
|------------|----------|-------------------------------------|-------------|---------------|---------------|-------------|
| No | Land Use | Increase Density | 0.00 | | | |
| No | Land Use | Increase Diversity | 0.24 | 0.56 | | |
| No | Land Use | Improve Walkability Design | 0.00 | | | |
| No | Land Use | Improve Destination Accessibility | 0.00 | | | |
| No | Land Use | Increase Transit Accessibility | 0.25 | | | |
| No | Land Use | Integrate Below Market Rate Housing | 0.00 | | | |
| | Land Use | Land Use SubTotal | 0.00 | | | |

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

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

Area Mitigation

| Measure Implemented | Mitigation Measure | Input Value |
|---------------------|--|-------------|
| No | Only Natural Gas Hearth | |
| No | No Hearth | |
| No | Use Low VOC Cleaning Supplies | |
| No | Use Low VOC Paint (Residential Interior) | 250.00 |
| No | Use Low VOC Paint (Residential Exterior) | 250.00 |
| No | Use Low VOC Paint (Non-residential Interior) | 250.00 |
| No | Use Low VOC Paint (Non-residential Exterior) | 250.00 |
| No | Use Low VOC Paint (Parking) | 250.00 |
| No | % Electric Lawnmower | |
| No | % Electric Leafblower | |
| No | % Electric Chainsaw | |

Energy Mitigation Measures

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

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

Water Mitigation Measures

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

Solid Waste Mitigation

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

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

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

Wheatland CAP (2030 Residential Only)
Feather River AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|-----------|---------------|-------------|--------------------|------------|
| Apartments Low Rise | 1,120.00 | Dwelling Unit | 43.91 | 1,120,000.00 | 3203 |
| Single Family Housing | 11,421.00 | Dwelling Unit | 2,942.02 | 20,557,800.00 | 32664 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|--------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 3.4 | Precipitation Freq (Days) | 67 |
| Climate Zone | 3 | | | Operational Year | 2030 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 641.35 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - City Information

Construction Phase - Construction not modeled

Off-road Equipment - Construction not modeled

Trips and VMT - Construction not modeled

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

| Table Name | Column Name | Default Value | New Value |
|---------------------------|----------------------------|---------------|-----------|
| tblConstructionPhase | NumDays | 6,000.00 | 1.00 |
| tblLandUse | LotAcreage | 70.00 | 43.91 |
| tblLandUse | LotAcreage | 3,708.12 | 2,942.02 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 0.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 0.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 0.00 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblTripsAndVMT | HaulingTripLength | 20.00 | 0.00 |
| tblTripsAndVMT | VendorTripLength | 6.60 | 0.00 |
| tblTripsAndVMT | WorkerTripLength | 16.80 | 0.00 |

2.0 Emissions Summary

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|----------|--|--|
| | | Highest | | |

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 | 908.2514 | 16.4379 | 1,064.2149 | 1.7647 | | 136.7079 | 136.7079 | | 136.7079 | 136.7079 | 12,954.3226 | 5,584.9612 | 18,539.2837 | 12.0996 | 1.0190 | 19,145.4226 |
| Energy | 1.6955 | 14.4888 | 6.1654 | 0.0925 | | 1.1714 | 1.1714 | | 1.1714 | 1.1714 | 0.0000 | 47,411.1798 | 47,411.1798 | 1.7067 | 0.5942 | 47,630.9162 |
| Mobile | 25.3031 | 246.5289 | 308.5837 | 1.7811 | 160.2033 | 1.0175 | 161.2207 | 43.0101 | 0.9520 | 43.9621 | 0.0000 | 164,979.7286 | 164,979.7286 | 6.0505 | 0.0000 | 165,130.9901 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 2,491.5598 | 0.0000 | 2,491.5598 | 147.2470 | 0.0000 | 6,172.7339 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 259.2271 | 1,810.7061 | 2,069.9332 | 26.7070 | 0.6456 | 2,930.0013 |
| Total | 935.2500 | 277.4556 | 1,378.9640 | 3.6383 | 160.2033 | 138.8968 | 299.1000 | 43.0101 | 138.8314 | 181.8414 | 15,705.1094 | 219,786.5757 | 235,491.6851 | 193.8107 | 2.2588 | 241,010.0642 |

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

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 | 908.2514 | 16.4379 | 1,064.2149 | 1.7647 | | 136.7079 | 136.7079 | | 136.7079 | 136.7079 | 12,954.3226 | 5,584.9612 | 18,539.2837 | 12.0996 | 1.0190 | 19,145.4226 |
| Energy | 1.6955 | 14.4888 | 6.1654 | 0.0925 | | 1.1714 | 1.1714 | | 1.1714 | 1.1714 | 0.0000 | 47,411.1798 | 47,411.1798 | 1.7067 | 0.5942 | 47,630.9162 |
| Mobile | 25.3031 | 246.5289 | 308.5837 | 1.7811 | 160.2033 | 1.0175 | 161.2207 | 43.0101 | 0.9520 | 43.9621 | 0.0000 | 164,979.7286 | 164,979.7286 | 6.0505 | 0.0000 | 165,130.9901 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 2,491.5598 | 0.0000 | 2,491.5598 | 147.2470 | 0.0000 | 6,172.7339 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 259.2271 | 1,810.7061 | 2,069.9332 | 26.7070 | 0.6456 | 2,930.0013 |
| Total | 935.2500 | 277.4556 | 1,378.9640 | 3.6383 | 160.2033 | 138.8968 | 299.1000 | 43.0101 | 138.8314 | 181.8414 | 15,705.1094 | 219,786.5757 | 235,491.6851 | 193.8107 | 2.2588 | 241,010.0642 |

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

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|------------------|------------------|------------|-----------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 4/28/2057 | 4/30/2057 | 5 | 1 | |

Acres of Grading (Site Preparation Phase): 0

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; 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 |
|------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 0 | 0.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 0 | 0.00 | 97 | 0.37 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

3.2 Site Preparation - 2057

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 | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

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 |
| 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 |
| Worker | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

4.0 Operational Detail - Mobile

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

4.1 Mitigation Measures 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 | | | | | |
| Mitigated | 25.3031 | 246.5289 | 308.5837 | 1.7811 | 160.2033 | 1.0175 | 161.2207 | 43.0101 | 0.9520 | 43.9621 | 0.0000 | 164,979.7286 | 164,979.7286 | 6.0505 | 0.0000 | 165,130.9901 |
| Unmitigated | 25.3031 | 246.5289 | 308.5837 | 1.7811 | 160.2033 | 1.0175 | 161.2207 | 43.0101 | 0.9520 | 43.9621 | 0.0000 | 164,979.7286 | 164,979.7286 | 6.0505 | 0.0000 | 165,130.9901 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------|------------|-------------|-------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 7,380.80 | 8,019.20 | 6798.40 | 27,513,869 | 27,513,869 |
| Single Family Housing | 108,727.92 | 113,182.11 | 98449.02 | 401,774,505 | 401,774,505 |
| Total | 116,108.72 | 121,201.31 | 105,247.42 | 429,288,374 | 429,288,374 |

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 |
| Apartments Low Rise | 16.80 | 7.10 | 7.90 | 42.60 | 21.00 | 36.40 | 86 | 11 | 3 |
| Single Family Housing | 16.80 | 7.10 | 7.90 | 42.60 | 21.00 | 36.40 | 86 | 11 | 3 |

4.4 Fleet Mix

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |
| Single Family Housing | 0.602362 | 0.026158 | 0.167472 | 0.085945 | 0.013058 | 0.003677 | 0.020614 | 0.073672 | 0.001131 | 0.000835 | 0.003667 | 0.000917 | 0.000491 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|---------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 30,631.5909 | 30,631.5909 | 1.3851 | 0.2866 | 30,751.6146 |
| Electricity Unmitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 30,631.5909 | 30,631.5909 | 1.3851 | 0.2866 | 30,751.6146 |
| NaturalGas Mitigated | 1.6955 | 14.4888 | 6.1654 | 0.0925 | | 1.1714 | 1.1714 | | 1.1714 | 1.1714 | 0.0000 | 16,779.5889 | 16,779.5889 | 0.3216 | 0.3076 | 16,879.3016 |
| NaturalGas Unmitigated | 1.6955 | 14.4888 | 6.1654 | 0.0925 | | 1.1714 | 1.1714 | | 1.1714 | 1.1714 | 0.0000 | 16,779.5889 | 16,779.5889 | 0.3216 | 0.3076 | 16,879.3016 |

Wheatland CAP (2030 Residential Only) - Feather River 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 | | | | | |
| Apartments Low Rise | 1.58328e+007 | 0.0854 | 0.7296 | 0.3105 | 4.6600e-003 | | 0.0590 | 0.0590 | | 0.0590 | 0.0590 | 0.0000 | 844.9004 | 844.9004 | 0.0162 | 0.0155 | 849.9212 |
| Single Family Housing | 2.98605e+008 | 1.6101 | 13.7592 | 5.8550 | 0.0878 | | 1.1125 | 1.1125 | | 1.1125 | 1.1125 | 0.0000 | 15,934.6885 | 15,934.6885 | 0.3054 | 0.2921 | 16,029.3804 |
| Total | | 1.6955 | 14.4888 | 6.1655 | 0.0925 | | 1.1714 | 1.1714 | | 1.1714 | 1.1714 | 0.0000 | 16,779.5889 | 16,779.5889 | 0.3216 | 0.3076 | 16,879.3016 |

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 | | | | | |
| Apartments Low Rise | 1.58328e+007 | 0.0854 | 0.7296 | 0.3105 | 4.6600e-003 | | 0.0590 | 0.0590 | | 0.0590 | 0.0590 | 0.0000 | 844.9004 | 844.9004 | 0.0162 | 0.0155 | 849.9212 |
| Single Family Housing | 2.98605e+008 | 1.6101 | 13.7592 | 5.8550 | 0.0878 | | 1.1125 | 1.1125 | | 1.1125 | 1.1125 | 0.0000 | 15,934.6885 | 15,934.6885 | 0.3054 | 0.2921 | 16,029.3804 |
| Total | | 1.6955 | 14.4888 | 6.1655 | 0.0925 | | 1.1714 | 1.1714 | | 1.1714 | 1.1714 | 0.0000 | 16,779.5889 | 16,779.5889 | 0.3216 | 0.3076 | 16,879.3016 |

Wheatland CAP (2030 Residential Only) - Feather River 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 | | | |
| Apartments Low Rise | 5.23882e+006 | 1,524.0335 | 0.0689 | 0.0143 | 1,530.0051 |
| Single Family Housing | 1.00056e+008 | 29,107.5574 | 1.3162 | 0.2723 | 29,221.6095 |
| Total | | 30,631.5909 | 1.3851 | 0.2866 | 30,751.6146 |

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|--------------------|---------------|---------------|--------------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 5.23882e+006 | 1,524.0335 | 0.0689 | 0.0143 | 1,530.0051 |
| Single Family Housing | 1.00056e+008 | 29,107.5574 | 1.3162 | 0.2723 | 29,221.6095 |
| Total | | 30,631.5909 | 1.3851 | 0.2866 | 30,751.6146 |

6.0 Area Detail

6.1 Mitigation Measures Area

Wheatland CAP (2030 Residential Only) - Feather River 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 | 908.2514 | 16.4379 | 1,064.2149 | 1.7647 | | 136.7079 | 136.7079 | | 136.7079 | 136.7079 | 12,954.3226 | 5,584.9612 | 18,539.2837 | 12.0996 | 1.0190 | 19,145.4226 |
| Unmitigated | 908.2514 | 16.4379 | 1,064.2149 | 1.7647 | | 136.7079 | 136.7079 | | 136.7079 | 136.7079 | 12,954.3226 | 5,584.9612 | 18,539.2837 | 12.0996 | 1.0190 | 19,145.4226 |

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 | 33.9109 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 84.6627 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 786.9000 | 15.3673 | 971.3426 | 1.7598 | | 136.1915 | 136.1915 | | 136.1915 | 136.1915 | 12,954.3226 | 5,432.8539 | 18,387.1765 | 11.9547 | 1.0190 | 18,989.6924 |
| Landscaping | 2.7779 | 1.0706 | 92.8723 | 4.9200e-003 | | 0.5164 | 0.5164 | | 0.5164 | 0.5164 | 0.0000 | 152.1072 | 152.1072 | 0.1449 | 0.0000 | 155.7302 |
| Total | 908.2514 | 16.4379 | 1,064.2149 | 1.7647 | | 136.7079 | 136.7079 | | 136.7079 | 136.7079 | 12,954.3226 | 5,584.9612 | 18,539.2837 | 12.0996 | 1.0190 | 19,145.4226 |

Wheatland CAP (2030 Residential Only) - Feather River 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 | 33.9109 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 84.6627 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 786.9000 | 15.3673 | 971.3426 | 1.7598 | | 136.1915 | 136.1915 | | 136.1915 | 136.1915 | 12,954.3226 | 5,432.8539 | 18,387.1765 | 11.9547 | 1.0190 | 18,989.6924 |
| Landscaping | 2.7779 | 1.0706 | 92.8723 | 4.9200e-003 | | 0.5164 | 0.5164 | | 0.5164 | 0.5164 | 0.0000 | 152.1072 | 152.1072 | 0.1449 | 0.0000 | 155.7302 |
| Total | 908.2514 | 16.4379 | 1,064.2149 | 1.7647 | | 136.7079 | 136.7079 | | 136.7079 | 136.7079 | 12,954.3226 | 5,584.9612 | 18,539.2837 | 12.0996 | 1.0190 | 19,145.4226 |

7.0 Water Detail

7.1 Mitigation Measures Water

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------------|---------|--------|----------------|
| Category | MT/yr | | | |
| Mitigated | 2,069.933 2 | 26.7070 | 0.6456 | 2,930.001 3 |
| Unmitigated | 2,069.933 2 | 26.7070 | 0.6456 | 2,930.001 3 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------------|------------------------|----------------|---------------|------------------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 72.9725 / 46.0044 | 184.8597 | 2.3851 | 0.0577 | 261.6698 |
| Single Family Housing | 744.124 / 469.122 | 1,885.073 5 | 24.3219 | 0.5880 | 2,668.331 4 |
| Total | | 2,069.933 2 | 26.7070 | 0.6456 | 2,930.001 3 |

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-------------------|----------------|---------------|-------------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 72.9725 / 46.0044 | 184.8597 | 2.3851 | 0.0577 | 261.6698 |
| Single Family Housing | 744.124 / 469.122 | 1,885.0735 | 24.3219 | 0.5880 | 2,668.3314 |
| Total | | 2,069.9332 | 26.7070 | 0.6456 | 2,930.0013 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|------------|----------|--------|------------|
| | MT/yr | | | |
| Mitigated | 2,491.5598 | 147.2470 | 0.0000 | 6,172.7339 |
| Unmitigated | 2,491.5598 | 147.2470 | 0.0000 | 6,172.7339 |

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-------------------|-----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 515.2 | 104.5809 | 6.1806 | 0.0000 | 259.0949 |
| Single Family Housing | 11759 | 2,386.9789 | 141.0664 | 0.0000 | 5,913.6391 |
| Total | | 2,491.5598 | 147.2470 | 0.0000 | 6,172.7339 |

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-------------------|-----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 515.2 | 104.5809 | 6.1806 | 0.0000 | 259.0949 |
| Single Family Housing | 11759 | 2,386.9789 | 141.0664 | 0.0000 | 5,913.6391 |
| Total | | 2,491.5598 | 147.2470 | 0.0000 | 6,172.7339 |

9.0 Operational Offroad

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

Wheatland CAP (2030 Residential Only) - Feather River AQMD Air District, Annual

10.0 Stationary Equipment

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

| Equipment Type | ROG | NOx | CO | SO2 | Exhaust PM10 | Exhaust PM2.5 | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | | | | | | | | | | | | |
| Rubber Tired Dozers | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 | 0.00000E+000 |
| Tractors/Loaders/Backhoes | 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 |

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 % | | Vehicle Speed (mph) | 0.00 | |
| No | Clean Paved Road | % PM Reduction | 0.00 | | | |

| Phase | Source | Unmitigated | | Mitigated | | Percent Reduction | |
|------------------|---------------|-------------|-------|-----------|-------|-------------------|-------|
| | | PM10 | PM2.5 | PM10 | PM2.5 | PM10 | PM2.5 |
| Site Preparation | Fugitive Dust | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hearth | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Landscaping | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mobile | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Natural Gas | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Water Indoor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Water Outdoor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Operational Mobile Mitigation

Project Setting:

| Mitigation | Category | Measure | % Reduction | Input Value 1 | Input Value 2 | Input Value |
|------------|----------|-------------------------------------|-------------|---------------|---------------|-------------|
| No | Land Use | Increase Density | 0.00 | | | |
| No | Land Use | Increase Diversity | 0.04 | 0.22 | | |
| No | Land Use | Improve Walkability Design | 0.00 | | | |
| No | Land Use | Improve Destination Accessibility | 0.00 | | | |
| No | Land Use | Increase Transit Accessibility | 0.25 | | | |
| No | Land Use | Integrate Below Market Rate Housing | 0.00 | | | |
| | Land Use | Land Use SubTotal | 0.00 | | | |

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

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

Area Mitigation

| Measure Implemented | Mitigation Measure | Input Value |
|---------------------|--|-------------|
| No | Only Natural Gas Hearth | |
| No | No Hearth | |
| No | Use Low VOC Cleaning Supplies | |
| No | Use Low VOC Paint (Residential Interior) | 250.00 |
| No | Use Low VOC Paint (Residential Exterior) | 250.00 |
| No | Use Low VOC Paint (Non-residential Interior) | 250.00 |
| No | Use Low VOC Paint (Non-residential Exterior) | 250.00 |
| No | Use Low VOC Paint (Parking) | 250.00 |
| No | % Electric Lawnmower | |
| No | % Electric Leafblower | |
| No | % Electric Chainsaw | |

Energy Mitigation Measures

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

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

Water Mitigation Measures

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

Solid Waste Mitigation

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

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