

**Taos Sand and Gravel, Inc. - NSR Asphalt Mixing Plant Emission Summary
300 TPH**

Mix Ratios

| | | | | |
|-----------------|--------|---------|------------|---------|
| Aggregate | 94.00% | tons/hr | 1192971.86 | tons/yr |
| RAP | 0.00% | tons/hr | 0 | tons/yr |
| Mineral Filler | 0.00% | tons/hr | 0 | tons/yr |
| Asphalt Cement | 6.00% | tons/hr | 76147.14 | tons/yr |
| Aggregate Total | | tons/hr | 1192971.86 | tons/yr |
| | Total | tons/hr | 1269119 | tons/yr |

1.5 burner fuel oil gallons/ton
1903678.5 burner fuel oil gal/yr

Aggregate Handling Storage Piles

AP-42 Section 13.2.4 "Aggregate Handling"
Ver 11/2006

E(PM) = 0.00660 lbs/ton
E(PM10) = 0.00312 lbs/ton
E(PM2.5) = 0.00047 lbs/ton

E(PM) = 0.00472 lbs/ton
E(PM10) = 0.00223 lbs/ton
E(PM2.5) = 0.00034 lbs/ton
1192971.9 tpy

AP-42 13.2.4 (11/06)
Max tph
k(pm)
k(pm10)
k(pm2.5)
U Maximum
U Annual
M

$E = k \times (0.0032) \times (U/5)^{1.3} / (M/2)^{1.4}$ lbs/ton
1192971.9 tpy
0.74
0.35
0.053
11 MPH
8.5 MPH
2 %

NMED default
1996-2006 Albuquerque Ave MPH

E(pm) Controlled
E(pm10) Controlled
E(pm2.5) Controlled

tons/yr
2.82
1.33
0.20

Annual Emissions are Controlled by Limiting Annual Production
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Annual Emissions are Controlled by Limiting Annual Production

Aggregate Feed Bin Loading (Cold)

AP-42 Section 13.2.4 "Aggregate Handling"
Ver 11/2006

E(PM) = 0.00660 lbs/ton
E(PM10) = 0.00312 lbs/ton
E(PM2.5) = 0.00047 lbs/ton

E(PM) = 0.00472 lbs/ton
E(PM10) = 0.00223 lbs/ton
E(PM2.5) = 0.00034 lbs/ton
1192971.9 tpy

AP-42 13.2.4 (11/06)
Max tph
k(pm)
k(pm10)
k(pm2.5)
U Maximum
U Annual
M

$E = k \times (0.0032) \times (U/5)^{1.3} / (M/2)^{1.4}$ lbs/ton
1192971.9 tpy
0.74
0.35
0.053
11 MPH
8.5 MPH
2 %

NMED default
1996-2006 Albuquerque Ave MPH

E(pm) Controlled
E(pm10) Controlled
E(pm2.5) Controlled

tons/yr
2.82
1.33
0.20

Annual Emissions are Controlled by Limiting Annual Production
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Annual Emissions are Controlled by Limiting Annual Production

Aggregate Feed Bin Unloading

AP-42 Table 11.19.2-2 "Conveyor Transfer Point Controlled"
Ver 8/2004

E(PM) = 0.00014 lbs/hr
E(PM10) = 0.000046 lbs/ton
E(PM2.5) = 0.000013 lbs/ton
1192971.9 tpy

Throughput

tons/yr
0.084
0.027
0.008

E(pm) Controlled
E(pm10) Controlled
E(pm2.5) Controlled

Scalping Screen

AP-42 Table 11.19.2-2 "Screening Controlled"
Ver 8/2004

E(PM) = 0.00220 lbs/hr
E(PM10) = 0.00074 lbs/ton
E(PM2.5) = 0.00005 lbs/ton
1192971.9 tpy

Throughput

tons/yr
1.312
0.441
0.030

E(pm) Controlled
E(pm10) Controlled
E(pm2.5) Controlled

**Taos Sand and Gravel, Inc. - NSR Asphalt Mixing Plant Emission Summary
300 TPH**

Scalping Screen Unloading

AP-42 Table 11.19.2-2 "Conveyor Transfer Point Controlled"
Ver 8/2004

E(PM) = 0.00014 lbs/hr
E(PM10) = 0.000046 lbs/ton
E(PM2.5) = 0.000013 lbs/ton

Throughput 1192971.9 tpy

tons/yr

E(pm) Controlled 0.084
E(pm10) Controlled 0.027
E(pm2.5) Controlled 0.008

Pug Mill

AP-42 Table 11.19.2-2 "Conveyor Transfer Point Controlled"
Ver 8/2004

E(PM) = 0.00014 lbs/hr
E(PM10) = 0.000046 lbs/ton
E(PM2.5) = 0.000013 lbs/ton

Throughput 1192971.9 tpy

tons/yr

E(pm) Controlled 0.084
E(pm10) Controlled 0.027
E(pm2.5) Controlled 0.008

Pug Mill Unloading to Scale Conveyor

AP-42 Table 11.19.2-2 "Conveyor Transfer Point Controlled"
Ver 8/2004

E(PM) = 0.00014 lbs/hr
E(PM10) = 0.000046 lbs/ton
E(PM2.5) = 0.000013 lbs/ton

Throughput 1192971.9 tpy

tons/yr

E(pm) Controlled 0.084
E(pm10) Controlled 0.027
E(pm2.5) Controlled 0.008

Asphalt Cement Storage Tank

TANKS 4.0.9d

| | | |
|------------------|----------------------|---------------|
| Tank capacity | 45000 gallons | 2 Tanks total |
| Tons Per Hour | 0 tons | |
| Tons Per Year | 76147.14 tons | |
| Density | 9.22 lbs/gallon | |
| Gallons Per Hour | 0.0 gal/hr | |
| Gallons Per Year | 16517817.8 gal/yr | |
| Tank Temperature | 350 degrees f | |
| Turnovers | 367.0626175 per year | 2 Tanks total |

| | | |
|---------------------|----------------|-------------|
| Working Loss TOC | 250 lbs/yr | |
| Breathing Loss TOC | 0 lbs/yr | |
| Total TOC | 250 lbs/yr | |
| Total TOC | 0.029 lbs/hr | |
| Total TOC | 0.125 tpy | |
| Total Asphalt Fumes | 0.00037 lbs/hr | 1.3% of VOC |
| Total Asphalt Fumes | 0.00163 tpy | 1.3% of VOC |
| Mix Temperature | 300 degrees f | |

**Taos Sand and Gravel, Inc. - NSR Asphalt Mixing Plant Emission Summary
300 TPH**

Drum Mixer Emissions

Uncontrolled emissions based on AP-42 Section 11.1 "Hot Mix Asphalt Plants" Table 11.1-3, -4, -7, -8, -14

| | | | |
|------------------------------------|---------------------|--------------------------------------|----------------------------------|
| E(PM) = | 28.000 lbs/ton | Uncontrolled Drum Mixer | |
| E(PM10) = | 6.500 lbs/ton | Uncontrolled Drum Mixer | |
| E(PM2.5) = | 1.565 lbs/ton | Uncontrolled Drum Mixer | Table 11.1-4 plus condensable |
| E(NOx) = | 0.055 lbs/ton | Uncontrolled Drum Mixer | |
| E(CO) = | 0.130 lbs/ton | Uncontrolled Drum Mixer | |
| E(SO2) = | 0.058 lbs/ton | Uncontrolled Drum Mixer | |
| E(VOC) = | 0.032 lbs/ton | Uncontrolled Drum Mixer | |
| E(CO2) = | 10.210 kg/gal | Uncontrolled Drum Mixer | |
| E(Asphalt Fumes) = | 0.012 lbs/ton | Uncontrolled Drum Mixer | Table 11.1-3 Organic Condensable |
| E(CO) Silo Filling = | 0.000630021 lbs/ton | Uncontrolled Drum Unloading CO | |
| E(TOC) Silo Filling = | 0.006506775 lbs/ton | Uncontrolled Drum Unloading TOC | |
| E(Asphalt Fumes) Silo Filling = | 0.000100700 lbs/ton | Uncontrolled Drum Unloading PM | |
| E(PM) Silo Filling = | 0.000467558 lbs/ton | Uncontrolled Drum Unloading PM | |
| E(PM10) Silo Filling = | 0.000467558 lbs/ton | Uncontrolled Drum Unloading PM | |
| E(PM2.5) Silo Filling = | 0.000467558 lbs/ton | Uncontrolled Drum Unloading PM | |
| E(CO) Plant Unloading = | 0.000720393 lbs/ton | Uncontrolled Silo Loading CO | |
| E(TOC) Plant Unloading = | 0.002220566 lbs/ton | Uncontrolled Silo Loading TOC | |
| E(Asphalt Fumes) Plant Unloading = | 0.000046477 lbs/ton | Uncontrolled Silo Loading PM Organic | |
| E(PM) Plant Unloading = | 0.000363035 lbs/ton | Uncontrolled Silo Loading PM | |
| E(PM10) Plant Unloading = | 0.000363035 lbs/ton | Uncontrolled Silo Loading PM | |
| E(PM2.5) Plant Unloading = | 0.000363035 lbs/ton | Uncontrolled Silo Loading PM | |
| E(CO) Yard = | 0.000352000 lbs/ton | Uncontrolled Yard CO | |
| E(TOC) Yard = | 0.001100000 lbs/ton | Uncontrolled Yard TOC | |
| PM | lbs/hr | tons/yr | |
| PM10 | lbs/hr | tons/yr | |
| PM2.5 | lbs/hr | tons/yr | |
| NOx | lbs/hr | tons/yr | |
| CO | lbs/hr | tons/yr | |
| CO2 | lbs/hr | tons/yr | |
| SO2 | lbs/hr | tons/yr | |
| VOC | lbs/hr | tons/yr | |
| Asphalt Fumes | lbs/hr | tons/yr | |
| CO Silo Filling | lbs/hr | tons/yr | |
| TOC Silo Filling | lbs/hr | tons/yr | |
| Asphalt Fumes Silo Filling | lbs/hr | tons/yr | |
| PM Silo Filling | lbs/hr | tons/yr | |
| PM10 Silo Filling | lbs/hr | tons/yr | |
| PM2.5 Silo Filling | lbs/hr | tons/yr | |
| CO Plant Unloading | lbs/hr | tons/yr | |
| TOC Plant Unloading | lbs/hr | tons/yr | |
| Asphalt Fumes Plant Unloading | lbs/hr | tons/yr | |
| PM Plant Unloading | lbs/hr | tons/yr | |
| PM10 Plant Unloading | lbs/hr | tons/yr | |
| PM2.5 Plant Unloading | lbs/hr | tons/yr | |
| CO Yard | lbs/hr | tons/yr | |
| TOC Yard | lbs/hr | tons/yr | |
| Asphalt Fumes Yard | lbs/hr | tons/yr | 1.5% of TOC |

Controlled emissions based on AP-42 Section 11.1 "Hot Mix Asphalt Plants" Table 11.1-3, -7, -8, -14

| | | | | |
|------------------------------------|---------------------|------------------------------------|----------------------------------|--------------------|
| E(PM) = | 0.033 lbs/ton | Controlled Drum Mixer | 99.88 % Control Efficiency | AP-42 Section 11.1 |
| E(PM10) = | 0.023 lbs/ton | Controlled Drum Mixer | | |
| E(PM2.5) = | 0.023 lbs/ton | Controlled Drum Mixer | | |
| E(NOx) = | 0.055 lbs/ton | Controlled Drum Mixer | | |
| E(CO) = | 0.130 lbs/ton | Controlled Drum Mixer | | |
| E(CO2) = | 10.210 kg/gal | Controlled Drum Mixer | | |
| E(SO2) = | 0.058 lbs/ton | Controlled Drum Mixer | | |
| E(VOC) = | 0.032 lbs/ton | Controlled Drum Mixer | | |
| E(Asphalt Fumes) = | 0.012 lbs/ton | Controlled Drum Mixer | Table 11.1-3 Organic Condensable | |
| E(CO) Silo Filling = | 0.000630021 lbs/ton | Controlled Drum Unloading CO | | |
| E(TOC) Silo Filling = | 0.006506775 lbs/ton | Controlled Drum Unloading TOC | | |
| E(Asphalt Fumes) Silo Filling = | 0.000100700 lbs/ton | Controlled Drum Unloading TOC | | |
| E(PM) Silo Filling = | 0.000467558 lbs/ton | Controlled Drum Unloading PM | | |
| E(PM10) Silo Filling = | 0.000467558 lbs/ton | Controlled Drum Unloading PM | | |
| E(PM2.5) Silo Filling = | 0.000467558 lbs/ton | Controlled Drum Unloading PM | | |
| E(CO) Plant Unloading = | 0.000720393 lbs/ton | Controlled Silo Loading CO | | |
| E(TOC) Plant Unloading = | 0.002220566 lbs/ton | Controlled Silo Loading TOC | | |
| E(Asphalt Fumes) Plant Unloading = | 0.000046477 lbs/ton | Controlled Silo Loading PM Organic | | |
| E(PM) Plant Unloading = | 0.000363035 lbs/ton | Controlled Silo Unloading PM | | |
| E(PM10) Plant Unloading = | 0.000363035 lbs/ton | Controlled Silo Unloading PM | | |
| E(PM2.5) Plant Unloading = | 0.000363035 lbs/ton | Controlled Silo Unloading PM | | |
| E(CO) Yard = | 0.000352000 lbs/ton | Controlled Yard CO | | |
| E(TOC) Yard = | 0.001100000 lbs/ton | Controlled Yard TOC | | |
| PM | lbs/hr | 20.94 tons/yr | AP-42 11.1 | |
| PM10 | lbs/hr | 14.59 tons/yr | | |
| PM2.5 | lbs/hr | 14.59 tons/yr | | |
| NOx | lbs/hr | 34.90 tons/yr | | |
| CO | lbs/hr | 82.49 tons/yr | | |
| CO2 | lbs/hr | 19436.56 tons/yr | | |
| SO2 | lbs/hr | 36.80 tons/yr | | |
| VOC | lbs/hr | 20.31 tons/yr | | |
| Asphalt Fumes | lbs/hr | 7.61 tons/yr | | |
| CO Silo Filling | lbs/hr | 0.40 tons/yr | | |
| TOC Silo Filling | lbs/hr | 4.13 tons/yr | | |
| Asphalt Fumes Silo Filling | lbs/hr | 0.064 tons/yr | | |
| PM Silo Filling | lbs/hr | 0.297 tons/yr | | |
| PM10 Silo Filling | lbs/hr | 0.297 tons/yr | | |
| PM2.5 Silo Filling | lbs/hr | 0.297 tons/yr | | |
| CO Plant Unloading | lbs/hr | 0.46 tons/yr | | |
| TOC Plant Unloading | lbs/hr | 1.41 tons/yr | | |
| Asphalt Fumes Plant Unloading | lbs/hr | 0.029 tons/yr | | |
| PM Plant Unloading | lbs/hr | 0.230 tons/yr | | |
| PM10 Plant Unloading | lbs/hr | 0.230 tons/yr | | |
| PM2.5 Plant Unloading | lbs/hr | 0.230 tons/yr | | |
| CO Yard | lbs/hr | 0.223 tons/yr | | |
| TOC Yard | lbs/hr | 0.70 tons/yr | | |
| Asphalt Fumes Yard | lbs/hr | 0.0105 tons/yr | 1.5% of TOC | |

**Taos Sand and Gravel, Inc. - NSR Asphalt Mixing Plant Emission Summary
300 TPH**

Haul Road Traffic Unpaved

AP-42 13.2 Unpaved Road (12.03)

Equation:

$$E = k(s/12)^a(W/3)^b[(365-p)/365]$$

Haul road traffic includes asphalt trucks, all material deliveries, and water trucks

Annual emissions only include p factor

| | | |
|--|-------|----------------------------------|
| k PM | 4.9 | |
| k PM10 | 1.5 | |
| k PM25 | 0.15 | |
| a PM | 0.7 | |
| a PM10 | 0.9 | |
| a PM25 | 0.9 | |
| b PM | 0.45 | |
| b PM10 | 0.45 | |
| b PM25 | 0.45 | |
| % Silt Content = s | 4.8 % | Sand and Gravel (AP-42 13.2.2-1) |
| p = days with precipitation over 0.01 inches | 70 | |

Vehicle control 80.0 % water and base course

Truck VMT Unpaved 500.0 meter/vehicle 25 tons/load 0 tons/hr 0.62150404 miles/vehicle

Total 190.0 truck/day
Total 69350.0 truck/day

Truck VMT Unpaved Miles/yr Controlled 43101 VMT/yr

Truck weight 27.5 tons

| | | | |
|------------------------------|--------|---------------|-----------------|
| Max. Truck Emissions Unpaved | lbs/hr | PM Control | 24.359 tons/yr |
| Max. Truck Emissions Unpaved | lbs/hr | PM10 Control | 6.2081 tons/yr |
| Max. Truck Emissions Unpaved | lbs/hr | PM2.5 Control | 0.62081 tons/yr |

Haul Road Traffic Paved

AP-42 13.2 Unpaved Road (12.03)

Equation:

$$E = k(s/12)^a(W/3)^b[(365-p)/365]$$

Haul road traffic includes asphalt trucks, all material deliveries, and water trucks

Annual emissions only include p factor

| | | |
|--|-------|----------------------------------|
| k PM | 4.9 | |
| k PM10 | 1.5 | |
| k PM25 | 0.15 | |
| a PM | 0.7 | |
| a PM10 | 0.9 | |
| a PM25 | 0.9 | |
| b PM | 0.45 | |
| b PM10 | 0.45 | |
| b PM25 | 0.45 | |
| % Silt Content = s | 4.8 % | Sand and Gravel (AP-42 13.2.2-1) |
| p = days with precipitation over 0.01 inches | 70 | |

Vehicle control 95.0 % paved and sweep

Truck VMT Paved 2672.0 meter/vehicle 25 tons/load 0 tons/hr 3.321317589 miles/vehicle

Total 190.0 truck/day
Total 69350.0 truck/day

Truck VMT Paved Miles/yr Controlled 230333 VMT/yr

Truck weight 27.5 tons

| | | | |
|------------------------------------|--------|---------------|----------------|
| Max. Asphalt Truck Emissions Paved | lbs/hr | PM Control | 32.543 tons/yr |
| Max. Asphalt Truck Emissions Paved | lbs/hr | PM10 Control | 8.294 tons/yr |
| Max. Asphalt Truck Emissions Paved | lbs/hr | PM2.5 Control | 0.829 tons/yr |

Taos Sand and Gravel, Inc. - NSR Asphalt Mixing Plant Emission Summary
Engine Emissions

AP-42 3.4 Emission Factor HP>600

| | | | |
|-------------------|--------------------------------|------------|--------|
| Manufacturer Data | NOx, CO, VOC, and PM Emissions | | |
| Engine Size | 545 kW | horsepower | 755 |
| | 38.8 gal/hr | %sulfur | 0.05 % |

Controlled Hours 4380

Emission Factors

| | | |
|-----|--------------------|---------------------------------------|
| NOx | 0.02400 lbs/hp-hr | |
| CO | 0.00550 lbs/hp-hr | SO2 emissions based on fuel usage |
| VOC | 0.000705 lbs/hp-hr | gal/hr times 7.0 lbs/gal times fuel % |
| SO2 | 0.272 lbs/hr | sulfur content times a factor of 2. |
| PM | 0.00070 lbs/hp-hr | |
| CO2 | 10.2 kg/gal | |

Calculated Controlled Emissions

| | | |
|-----|--------------|---------------|
| NOx | 18.12 lbs/hr | 39.68 tons/yr |
| CO | 4.15 lbs/hr | 9.09 tons/yr |
| VOC | 0.53 lbs/hr | 1.17 tons/yr |
| SO2 | 0.27 lbs/hr | 0.60 tons/yr |
| PM | 0.53 lbs/hr | 1.16 tons/yr |
| CO2 | 396.4 kg/hr | 1736.406 mtpy |

AP-42 3.3 Emission Factor HP<600

| | | | |
|-------------|--------------------------------|------------|--------|
| AP-42 3.3 | NOx, CO, VOC, and PM Emissions | | |
| Engine Size | 49 kW | horsepower | 100 |
| | 5.1 gal/hr | %sulfur | 0.05 % |

Controlled Hours 4380

Emission Factors

| | | |
|-----|----------------|-----------------------------------|
| NOx | 0.03100 lbs/hp | SO2 emissions based on fuel |
| CO | 0.00668 lbs/hp | usage gal/hr times 7.0 lbs/gal |
| VOC | 0.00247 lbs/hp | times fuel % sulfur content times |
| SO2 | 0.03600 lbs/hr | a factor of 2. |
| PM | 0.00220 lbs/hp | |
| CO2 | 10.2 kg/gal | |

Calculated Controlled Emissions

| | | |
|-----|--------------|---------------|
| NOx | 3.10 lbs/hr | 6.79 tons/yr |
| CO | 0.67 lbs/hr | 1.46 tons/yr |
| VOC | 0.25 lbs/hr | 0.54 tons/yr |
| SO2 | 0.036 lbs/hr | 0.079 tons/yr |
| PM | 0.22 lbs/hr | 0.482 tons/yr |
| CO2 | 51.8 kg/hr | 226.748 mtpy |

Taos Sand and Gravel, Inc. - NSR Asphalt Mixing Plant Emission Summary
Asphalt Heater Emissions

Asphalt Heater
AP-42 1.3 (9/98)

Heater Size

| | | | |
|--|--------------|-----------|----------------|
| | 3.8 MMBTU/hr | Heat Rate | 128000 BTU/gal |
| | 14.0 gal/hr | %sulfur | 0.05 |

Controlled Hours 8760

Emission Factors

| | | | |
|-----|-------|--------------|--------------|
| NOx | 20.00 | lbs/1000 gal | |
| CO | 5.00 | lbs/1000 gal | |
| VOC | 0.34 | lbs/1000 gal | |
| SO2 | 142S | lbs/1000 gal | S = % sulfur |
| PM | 2.00 | lbs/1000 gal | |
| CO2 | 10.2 | kg/gal | |

Calculated Controlled Emissions

| | | |
|-----|---------------|-----------|
| NOx | 0.280 lbs/hr | 1.226 tpy |
| CO | 0.070 lbs/hr | 0.307 tpy |
| VOC | 0.0048 lbs/hr | 0.021 tpy |
| SOx | 0.099 lbs/hr | 0.435 tpy |
| PM | 0.028 lbs/hr | 0.123 tpy |

Taos Sand and Gravel, Inc. - NSR Asphalt Mixing Plant Emission Summary
Total Controlled Emissions

| | | Controlled Emission Totals | | | | | | | | | | | | | | | | | |
|-------|---|-----------------------------------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|---------------|------------|--------|--------------|
| | | NOx | | CO | | SO2 | | VOC | | PM | | PM10 | | PM2.5 | | Asphalt Fumes | | CO2 | |
| | | lbs/hr | tons/yr | lbs/hr | tons/yr | lbs/hr | tons/yr | lbs/hr | tons/yr | lbs/hr | tons/yr | lbs/hr | tons/yr | lbs/hr | tons/yr | lbs/hr | tons/yr | lbs/hr | mtons/yr |
| Raw | Cold Aggregate Storage Pile | | | | | | | | | | 2.82 | | 1.33 | | 0.20 | | | | |
| 1 | Feed Bin Loading | | | | | | | | | | 2.82 | | 1.33 | | 0.20 | | | | |
| 2 | Feed Bin Unloading | | | | | | | | | | 0.084 | | 0.027 | | 0.008 | | | | |
| 3 | Scalping Screen | | | | | | | | | | 1.31 | | 0.44 | | 0.030 | | | | |
| 4 | Scalping Screen Unloading | | | | | | | | | | 0.084 | | 0.027 | | 0.008 | | | | |
| 5 | Pug Mill Load | | | | | | | | | | 0.084 | | 0.027 | | 0.008 | | | | |
| 6 | Pug Mill Unloading to Conveyor Transfer | | | | | | | | | | 0.084 | | 0.027 | | 0.008 | | | | |
| 7,13 | Drum Dryer/Baghouse | | 34.90 | | 82.49 | | 36.80 | | 20.31 | | 20.94 | | 14.59 | | 14.59 | | 7.61 | | 19436.6 |
| 8 | Drum Mixer Unloading | | | | 0.40 | | | | 4.13 | | 0.30 | | 0.30 | | 0.30 | | 0.06 | | |
| 9 | Asphalt Silo Unloading | | | | 0.46 | | | | 1.41 | | 0.23 | | 0.23 | | 0.23 | | 0.029 | | |
| 11 | Main Plant Generator | | 39.68 | | 9.09 | | 0.60 | | 1.17 | | 1.16 | | 1.16 | | 1.16 | | | | 1736.4 |
| 12 | Standby Generator | | 6.79 | | 1.46 | | 0.079 | | 0.54 | | 0.48 | | 0.48 | | 0.48 | | | | 226.7 |
| 14 | Asphalt Heater Diesel | | 1.23 | | 0.31 | | 0.44 | | 0.021 | | 0.12 | | 0.12 | | 0.12 | | | | 1252.2 |
| 15,16 | Asphalt Cement Storage Tank | | | | | | | | 0.13 | | | | | | | | 0.0016 | | |
| Road | Haul Road Traffic | | | | | | | | | | 56.90 | | 14.50 | | 1.45 | | | | |
| Yard | Yard | | | | 0.22 | | | | 0.70 | | | | | | | | 0.010 | | |
| | Total | | 82.6 | | 94.4 | | 37.9 | | 28.4 | | 87.4 | | 34.6 | | 18.8 | | 7.7 | | 22652 |