

Table 2-D: Maximum Emissions (under normal operating conditions)

This Table was intentionally left blank because it would be identical to Table 2-E.

Maximum Emissions are the emissions at maximum capacity and prior to (in the absence of) pollution control, emission-reducing process equipment, or any other emission reduction. Calculate the hourly emissions using the worst case hourly emissions for each pollutant. For each pollutant, calculate the annual emissions as if the facility were operating at maximum plant capacity without pollution controls for 8760 hours per year, unless otherwise approved by the Department. List Hazardous Air Pollutants (HAP) & Toxic Air Pollutants (TAPs) in Table 2-I. Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E-4).

| Unit No. | NOx | | CO | | VOC | | SOx | | PM ¹ | | PM ¹⁰ | | PM ^{2.5} | | H ₂ S | | Lead | |
|--|-------|--------|-------|--------|--------|--------|---------|--------|-----------------|--------|------------------|--------|-------------------|--------|------------------|--------|----------|----------|
| | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr |
| Plant #2 Hot Mix Asphalt Plant | | | | | | | | | | | | | | | | | | |
| P2HMAP | - | - | - | - | - | - | - | - | 0.92 | 3.32 | 0.43 | 1.57 | 0.066 | 0.24 | - | - | - | - |
| P2HMABIN | - | - | - | - | - | - | - | - | 0.92 | 3.32 | 0.43 | 1.57 | 0.066 | 0.24 | - | - | - | - |
| P2HMATP1 | - | - | - | - | - | - | - | - | 0.42 | 1.83 | 0.15 | 0.67 | 0.024 | 0.10 | - | - | - | - |
| P2HMATP2 | - | - | - | - | - | - | - | - | 0.42 | 1.86 | 0.16 | 0.68 | 0.024 | 0.11 | - | - | - | - |
| P2HMATP3 | - | - | - | - | - | - | - | - | 0.42 | 1.86 | 0.16 | 0.68 | 0.024 | 0.11 | - | - | - | - |
| P2HMAFIL | - | - | - | - | - | - | - | - | 18.3 | 7.19 | 11.8 | 4.63 | 1.18 | 0.46 | - | - | - | - |
| P2HMASTK | 3.75 | 16.4 | 60.0 | 262.8 | 1.23 | 5.4 | 0.69 | 3.02 | 4800 | 21024 | 675 | 2957 | 43.1 | 189 | - | - | 1.34E-04 | 8.50E-05 |
| P2BATCHUL | - | - | 0.20 | 0.89 | 0.62 | 2.73 | - | - | 0.078 | 0.34 | 0.078 | 0.34 | 0.078 | 0.34 | - | - | - | - |
| P2HMAHT | 0.83 | 3.63 | 0.70 | 3.05 | 0.046 | 0.20 | 0.0047 | 0.021 | 0.063 | 0.28 | 0.063 | 0.28 | 0.063 | 0.28 | - | - | 4.00E-06 | 1.60E-05 |
| P2HMAS | - | - | - | - | 0.023 | 0.10 | - | - | - | - | - | - | - | - | - | - | - | - |
| P2TRCK | - | - | - | - | - | - | - | - | 12.33 | 44.7 | 3.05 | 11.02 | 0.35 | 1.30 | - | - | - | - |
| P2YARD | - | - | 0.053 | 0.23 | 0.17 | 0.72 | - | - | - | - | - | - | - | - | - | - | - | - |
| Plant #5 Hot Mix Asphalt Plant | | | | | | | | | | | | | | | | | | |
| P5HMAP | - | - | - | - | - | - | - | - | 1.84 | 6.64 | 0.87 | 3.14 | 0.13 | 0.48 | - | - | - | - |
| P5HMABIN | - | - | - | - | - | - | - | - | 1.84 | 6.64 | 0.87 | 3.14 | 0.13 | 0.48 | - | - | - | - |
| P5HMATP1 | - | - | - | - | - | - | - | - | 0.83 | 3.65 | 0.31 | 1.34 | 0.047 | 0.21 | - | - | - | - |
| P5HMASCR | - | - | - | - | - | - | - | - | 6.95 | 30.5 | 2.42 | 10.60 | 0.37 | 1.61 | - | - | - | - |
| P5HMATP2 | - | - | - | - | - | - | - | - | 0.83 | 3.65 | 0.31 | 1.34 | 0.047 | 0.21 | - | - | - | - |
| P5HMAPUG | - | - | - | - | - | - | - | - | 0.85 | 3.71 | 0.31 | 1.36 | 0.048 | 0.21 | - | - | - | - |
| P5HMATP3 | - | - | - | - | - | - | - | - | 0.85 | 3.71 | 0.31 | 1.36 | 0.048 | 0.21 | - | - | - | - |
| P5HMATP4 | - | - | - | - | - | - | - | - | 0.85 | 3.71 | 0.31 | 1.36 | 0.048 | 0.21 | - | - | - | - |
| P5HMAFIL | - | - | - | - | - | - | - | - | 18.3 | 14.39 | 11.75 | 9.26 | 1.18 | 0.93 | - | - | - | - |
| P5HMASTK | 7.80 | 34.2 | 39.0 | 171 | 9.60 | 42.0 | 1.02 | 4.47 | 8400 | 36792 | 1950 | 8541 | 470 | 2056 | - | - | 1.86E-04 | 2.33E-04 |
| P5DRUMUL | - | - | 0.35 | 1.55 | 3.66 | 16.0 | - | - | 0.18 | 0.77 | 0.18 | 0.77 | 0.18 | 0.77 | - | - | - | - |
| P5SILOULa,b,c | - | - | 0.40 | 1.77 | 1.25 | 5.46 | - | - | 0.16 | 0.69 | 0.16 | 0.69 | 0.16 | 0.69 | - | - | - | - |
| P5HMAHT | 0.14 | 0.61 | 0.12 | 0.51 | 0.0076 | 0.033 | 0.00079 | 0.0035 | 0.011 | 0.046 | 0.011 | 0.046 | 0.011 | 0.046 | - | - | 1.00E-06 | 3.00E-06 |
| P5HMAS | - | - | - | - | 0.030 | 0.13 | - | - | - | - | - | - | - | - | - | - | - | - |
| P5TRCK | - | - | - | - | - | - | - | - | 24.7 | 89.3 | 6.11 | 22.0 | 0.70 | 2.59 | - | - | - | - |
| P5YARD | - | - | 0.11 | 0.46 | 0.33 | 1.45 | - | - | - | - | - | - | - | - | - | - | - | - |
| Crushing/Screening and Scalping Screen Plants | | | | | | | | | | | | | | | | | | |
| CH_RAW | - | - | - | - | - | - | - | - | 1.32 | 2.39 | 0.62 | 1.13 | 0.095 | 0.17 | - | - | - | - |
| CH_F | - | - | - | - | - | - | - | - | 1.32 | 2.39 | 0.62 | 1.13 | 0.095 | 0.17 | - | - | - | - |
| CH | - | - | - | - | - | - | - | - | 1.08 | 2.37 | 0.48 | 1.05 | 0.073 | 0.16 | - | - | - | - |

| Unit No. | NOx | | CO | | VOC | | SOx | | PM ¹ | | PM10 ¹ | | PM2.5 ¹ | | H ₂ S | | Lead | |
|---------------|-------|--------|-------|--------|-------|--------|---------|--------|-----------------|--------|-------------------|--------|--------------------|--------|------------------|--------|----------|----------|
| | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr |
| CH_C1 | - | - | - | - | - | - | - | - | 0.60 | 1.31 | 0.22 | 0.48 | 0.033 | 0.073 | - | - | - | - |
| CH_S | - | - | - | - | - | - | - | - | 5.00 | 10.95 | 1.74 | 3.81 | 0.26 | 0.58 | - | - | - | - |
| CH_SC1 | - | - | - | - | - | - | - | - | 0.60 | 1.31 | 0.22 | 0.48 | 0.033 | 0.073 | - | - | - | - |
| CH_RC | - | - | - | - | - | - | - | - | 0.60 | 1.31 | 0.22 | 0.48 | 0.033 | 0.073 | - | - | - | - |
| CH_SC2 | - | - | - | - | - | - | - | - | 0.60 | 1.31 | 0.22 | 0.48 | 0.033 | 0.073 | - | - | - | - |
| CH_C2 | - | - | - | - | - | - | - | - | 0.60 | 1.31 | 0.22 | 0.48 | 0.033 | 0.073 | - | - | - | - |
| CH_C3 | - | - | - | - | - | - | - | - | 0.60 | 1.31 | 0.22 | 0.48 | 0.033 | 0.073 | - | - | - | - |
| CH_STK | - | - | - | - | - | - | - | - | 1.32 | 2.39 | 0.62 | 1.13 | 0.095 | 0.17 | - | - | - | - |
| CH_FP | - | - | - | - | - | - | - | - | 1.32 | 2.39 | 0.62 | 1.13 | 0.095 | 0.17 | - | - | - | - |
| CH_E | 2.37 | 5.19 | 2.08 | 4.55 | 0.24 | 0.52 | 0.0037 | 0.0080 | 0.012 | 0.026 | 0.012 | 0.026 | 0.012 | 0.026 | - | - | 2.00E-05 | 7.40E-05 |
| SS_RAW | - | - | - | - | - | - | - | - | 0.33 | 0.60 | 0.16 | 0.28 | 0.024 | 0.043 | - | - | - | - |
| SS_F | - | - | - | - | - | - | - | - | 0.33 | 0.60 | 0.16 | 0.28 | 0.024 | 0.043 | - | - | - | - |
| SS | - | - | - | - | - | - | - | - | 1.25 | 2.74 | 0.44 | 0.95 | 0.066 | 0.14 | - | - | - | - |
| SS_C | - | - | - | - | - | - | - | - | 0.15 | 0.33 | 0.055 | 0.12 | 0.0083 | 0.018 | - | - | - | - |
| SS_STK | - | - | - | - | - | - | - | - | 0.33 | 0.60 | 0.16 | 0.28 | 0.024 | 0.043 | - | - | - | - |
| SS_FP | - | - | - | - | - | - | - | - | 0.33 | 0.60 | 0.16 | 0.28 | 0.024 | 0.043 | - | - | - | - |
| SS_E | 0.83 | 1.82 | 0.37 | 0.80 | 0.14 | 0.30 | 0.00069 | 0.0015 | 0.12 | 0.26 | 0.12 | 0.26 | 0.12 | 0.26 | - | - | 4.00E-06 | 1.40E-05 |
| CSHTRCK | - | - | - | - | - | - | - | - | 1.68 | 2.80 | 0.34 | 0.56 | 0.082 | 0.14 | - | - | - | - |
| Totals | 15.72 | 61.8 | 103.4 | 447.4 | 17.3 | 75.1 | 1.72 | 7.52 | 13311 | 58087 | 2673 | 11591 | 519 | 2259 | - | - | 3.49E-04 | 4.25E-04 |

¹Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but PM is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).