

DPCC - EMISSIONS SUMMARY TABLE

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|--------------------------------|------------------|------------------------------------|---------------------------|------------------------------------------------|--------------------------|-----------------------------------------|-----------------|----------------|--------------------|--------------------------------------|
| Contaminant Name | Contaminant CAS# | Total Facility Emission Rate (g/s) | Air Dispersion Model Used | Maximum POI Concentration (ug/m ³) | Averaging Period (hours) | MECP POI Benchmark (ug/m ³) | Limiting Effect | Benchmark Type | Benchmark Category | Percentage of MECP POI Benchmark (%) |
| Acetonitrile | 75-05-8 | 2.98E-01 | AERMOD | 50.8 | 24 | 70 | Health | Standard | B1 | 72.6^ |
| n-Butene | 25167-67-3 | 5.28E+00 | AERMOD | 3.25 | 24 | 700 | Health | SL- JSL | B2 | Below SL-JSL |
| n-Butane | 106-97-8 | 4.47E+00 | AERMOD | 2.89 | 24 | 3600 | Health | SL-JSL | B2 | Below SL-JSL |
| Isobutane | 75-28-5 | 1.12E+00 | AERMOD | 0.72 | 24 | 3600 | Health | SL-JSL | B2 | Below SL_JSL |
| 1,2-Butadiene | 590-19-2 | 1.14E-01 | AERMOD | | 24 | 4.95 | Health | SL-JSL | B2 | Above SL_JSL |
| 1,3-Butadiene | 106-99-0 | 1.03E+01 | AERMOD | 48.81 | 24 | 300 | Health | DAV | N/A | 16.3% |
| 1,3-Butadiene | 106-99-0 | 1.03E+01 | AERMOD | 16.95 | annual | 120 | Health | AAV | N/A | 14.1% |
| 1,3-Butadiene | 106-99-0 | 1.99E-01 | AERMOD | 15.44 | annual | 2 | Health | Standard | B1 | 771% |
| Isobutylene | 115-11-7 | 6.58E+00 | AERMOD | 4.10 | 24 | 7000 | Health | SL-JSL | B2 | Below SL-JSL |
| Nitrogen Oxides | 10102-44-0 | 1.06E-01 | AERMOD | 0.04 | 24 | 200 | Health | Standard | B1 | < 1% |
| Nitrogen Oxides | 10102-44-0 | 1.13E+00 | AERMOD | 0.03 | 1 | 400 | Health | Standard | B1 | < 1% |
| Isoprene | 78-79-5 | 4.20E-04 | AERMOD | 0.14 | 24 | 0.1 | Health | SL-JSL | B2 | Above SL_JSL |
| 4-Vinyl-1-Cyclohexene | 100-40-3 | 8.10E-03 | AERMOD | 4.68 | 24 | 5 | Health | SL-JSL | B2 | Below SL-JSL |

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