

Santa Cruz County Sanitation District

Wastewater Discharge Limitations

| Pollutant | Concentration (mg/L) |
|---|--|
| Arsenic | 0.21 |
| Boron | 5.8 |
| Cadmium | 1.57 |
| Chromium, total | 35.65 |
| Chromium, hexavalent | 5.26 |
| Copper | 2.17 |
| Cyanide | 0.08 |
| Lead | 6.04 |
| Mercury | 0.32 |
| Nickel | 1.15 |
| Silver | 0.70 |
| Sulfide (dissolved) | 0.2 – monthly average 1.0 – maximum |
| Vanadium | 0.52 |
| Suspendid solids | 3,000 |
| Zinc | 25.23 |
| pH | 5.0 min to 10.0 max. |
| Total petroleum hydrocarbons | 50 |
| Temperature* | ≤104°F (40°C) |
| Oil or grease of animal or vegetable origin | 300 |
| MTBE | 1.0 |
| Total Toxic Organics** | 1.0 |
| Phenols, total*** | 150 |
| Phenols, chlorinated**** | 0.60 |
| Chlordane | 1.48×10^{-5} |
| DDT, o, p | 0.011 |
| Dieldrin | 9.4×10^{-5} |
| Endosulfan I | 0.006 |
| Endrin | 0.002 |
| Heptachlor | 0.00014 |
| Heptachlor epoxide | 1.39×10^{-5} |
| Hexachlorobenzene | 23.50 |
| Naphthalene | 2,350 |
| Phenanthrene/Anthracene, C1 | 2,349.99 |
| Anthracene | 2,422.68 |
| Fluoranthene | 123.38 |
| 8-PCB | 0.000138859 |
| 2, 3, 7, 8-TCDD | 2.53×10^{-9} |

*Temperature not over 104°F (except where higher temperatures are permitted by law) except in no case shall the temperature of the wastewater influent at the treatment plant exceed 104°F

**TTO is defined as the sum of all individual components listed in the Code of Federal Regulations (CFR) at 40 CFR 433.11e with quantifiable concentrations greater than 0.01 mg/L when measured using test methods approved under 40 CFR 136 or other methods approved for NPDES monitoring, and other toxic organic compounds as determined by the Director.

***Phenols, total, by EPA Method 420.1.

****Phenols, chlorinated, is defined as the sump of 2-chlorophenol, 2,4-dichlorophenol, pentachlorophenol, 2,4,6-trichlorophenol and 4-chloro-3-methylphenol (p-chloro-m-cresol).