

## Local Limits and TTOs

**Sewer Use Ordinance No. 36, Section 2:** No person shall discharge wastes into the sanitary sewer which exceed the following limitations on wastewater strength:

Pollutant		Limit for any 1 Sample	Sample Type	EPA Test Method
Arsenic		0.35 mg/l	24-h	200.7
Cadmium		0.2 mg/l	24-h	200.7
Chromium (T)		2.0 mg/L	24-h	200.7
Copper		2.0 mg/l	24-h	200.7
Lead		1.0 mg/l	24-h	200.7
Mercury		0.01 mg/l	24-h	200.7
Nickel		1.0 mg/l	24-h	200.7
Silver		0.5 mg/l	24-h	200.7
Zinc		3.0 mg/l	24-h	200.7
Cyanide		0.65 mg/l	grab	335.4
Formaldehyde		50.0 mg/l	grab	6252.B•/8315
Oil and Grease (Animal &Vegetable)		300 mg/l	grab	1664 A
Oil and Grease (Mineral)		100 mg/l	grab	1664 A
pH		Between 6.0 and 12.0	grab	150.2
Phenols		5.0 mg/l	grab	604/625/420.1
Temperature		No higher than 150°F	grab	2550B•
Total Toxic Organics <sup>1</sup>		2.13 mg/l	grab	624/625
Ammonia	Ave. Flow <10,000 gpd	225 mg/L as N	24-h	350.1 - 350.3
	10,000 – 25,000 gpd	150 mg/L as N		
	>25,000 gpd	75 mg/L as N		

The Ammonia limit above is based on the discharger's average daily flow rate as calculated annually to establish sewer service charges. Ammonia compliance determination shall be based on the average of all valid and representative **analyses occurring within a 6-month period**.

### Prohibited Wastes Include:

1. Flammable or explosive substances
2. Highly toxic and poisonous substances
3. Substances which may obstruct flow
4. Strongly odorous wastes
5. Uncontaminated water (such as one-pass cooling water, storm water runoff, etc.)
6. Sludges
7. Wastes with temperatures over 150° F
8. Most radioactive wastes (in excess of State Guidelines)
9. Wastes which contain or result in the production of toxic, corrosive, explosive, or malodorous gases
10. Organic solvents (including halogenated solvents) in excess of TTO limits.

***For a complete list of prohibited wastes, see District Ordinance No. 36.***

<sup>1</sup>Total Toxic Organics (TTO's) is the summation of all quantifiable values greater than 0.01 milligrams per liter for the following organic pollutants:

### Volatile Organics (624)

- |  |  |
|--|--|
| <input type="checkbox"/> Acrolein                                  | <input type="checkbox"/> 1,2-Dichloropropane                         |
| <input type="checkbox"/> Acrylonitrile                             | <input type="checkbox"/> 1,3-Dichloropropylene (1,3-Dichloropropene) |
| <input type="checkbox"/> Benzene                                   | <input type="checkbox"/> Ethylbenzene                                |
| <input type="checkbox"/> Bromoform (Tribromomethane)               | <input type="checkbox"/> Methyl bromide (Bromomethane)               |
| <input type="checkbox"/> Carbon Tetrachloride (Tetrachloromethane) | <input type="checkbox"/> Methyl chloride (Chloromethane)             |
| <input type="checkbox"/> Chlorobenzene                             | <input type="checkbox"/> Methylene chloride (Dichloromethane)        |
| <input type="checkbox"/> Chloroethane                              | <input type="checkbox"/> Tetrachloroethylene (PCE)                   |
| <input type="checkbox"/> 2-Chloroethy vinyl ether (mixed)          | <input type="checkbox"/> 1,1,2,2-Tetrachloroethane                   |
| <input type="checkbox"/> Chloroform (Trichloromethane)             | <input type="checkbox"/> 1,1,1-Trichloroethane (TCA)                 |
| <input type="checkbox"/> Chlorodibromomethane                      | <input type="checkbox"/> 1,1,2-Trichloroethane                       |
| <input type="checkbox"/> Dichlorobromomethane                      | <input type="checkbox"/> Toluene                                     |
| <input type="checkbox"/> 1,1-Dichloroethane                        | <input type="checkbox"/> 1,2-Trans-dichloroethylene                  |
| <input type="checkbox"/> 1,2-Dichloroethane                        | <input type="checkbox"/> Trichloroethylene (TCE)                     |
| <input type="checkbox"/> 1,1-Dichloroethylene                      | <input type="checkbox"/> Vinyl chloride (Chloroethylene)             |

### Semi Volatile Organics (625)

- |   |  |
|---|--|
| <input type="checkbox"/> Acenaphthene   | <input type="checkbox"/> Diethylphthalate                                    |
| <input type="checkbox"/> Acenaphthylene                                       | <input type="checkbox"/> Dimethyl phthalate                                  |
| <input type="checkbox"/> Anthracene   | <input type="checkbox"/> Di-n-butyl phthalate                                |
| <input type="checkbox"/> Benzidine  | <input type="checkbox"/> Di-n-octyl phthalate                                |
| <input type="checkbox"/> 1,2-Benzanthracene (Benzo(a)anthracene)              | <input type="checkbox"/> 2,4-Dinitrotoluene                                  |
| <input type="checkbox"/> Benzo(a)pyrene (3,4-Benzopyrene)                     | <input type="checkbox"/> 2,6-Dinitrotoluene                                  |
| <input type="checkbox"/> 1,12-Benzoperylene (Benzo(ghi)perylene)              | <input type="checkbox"/> 1,2-Diphenylhydrazine                               |
| <input type="checkbox"/> 11,12-Benzofluorantene<br>(Benzo(k)fluoranthene)     | <input type="checkbox"/> Fluoranthene  |
| <input type="checkbox"/> 3,4-Benzofluoranthene<br>(Benzo(b)fluoranthene)      | <input type="checkbox"/> Fluorene  |
| <input type="checkbox"/> Bis (2-chloroisopropyl) ether                        | <input type="checkbox"/> Hexachlorobenzene                                   |
| <input type="checkbox"/> Bis (2-chloroethoxy) methane                         | <input type="checkbox"/> Hexachlorobutadiene                                 |
| <input type="checkbox"/> Bis (2-chloroethyl) ether                            | <input type="checkbox"/> Hexachlorocyclopentadiene                           |
| <input type="checkbox"/> Bis (2-ethylhexyl) phthalate                         | <input type="checkbox"/> Hexachloroethane                                    |
| <input type="checkbox"/> 4-Bromophenyl phenyl ether                           | <input type="checkbox"/> Indeno(1,2,3-cd) pyrene<br>(2,3-o-phenylene pyrene) |
| <input type="checkbox"/> Butyl benzyl phthalate                               | <input type="checkbox"/> Isophorone  |
| <input type="checkbox"/> 2-Chloronaphthalene                                  | <input type="checkbox"/> N-nitrosodi-n-propylamine                           |
| <input type="checkbox"/> 4-Chlorophenyl phenyl ether                          | <input type="checkbox"/> N-nitrosodimethylamine                              |
| <input type="checkbox"/> Chrysene   | <input type="checkbox"/> N-nitrosodiphenylamine                              |
| <input type="checkbox"/> 1,2,5,6-Dibenzanthracene<br>(Dibenzo(a,h)anthracene) | <input type="checkbox"/> Naphthalene   |
| <input type="checkbox"/> 1,2-Dichlorobenzene                                  | <input type="checkbox"/> Nitrobenzene  |
| <input type="checkbox"/> 1,3-Dichlorobenzene                                  | <input type="checkbox"/> Phenanthrene  |
| <input type="checkbox"/> 1,4-Dichlorobenzene                                  | <input type="checkbox"/> Pyrene  |
| <input type="checkbox"/> 3,3-Dichlorobenzidine                                | <input type="checkbox"/> 1,2,4-Trichlorobenzene                              |