

## GRACE CREEK WASTEWATER TREATMENT PLANT

### 40 CFR Part 122, Appendix D - TABLE II, III and V

**TABLE II- ORGANIC TOXIC POLLUTANTS**

*Volatiles*

acrolein  
acrylonitrile  
benzene  
bromoform  
carbon tetrachloride  
chlorobenzene  
chlorodibromomethane  
chloroethane  
2-chloroethyl vinyl ether  
chloroform  
dichlorobromomethane  
1,1-dichloroethane  
1,2-dichloroethane  
1,1-dichloroethylene  
1,2-dichloropropane  
1,3-dichloropropylene  
ethylbenzene  
methyl bromide  
methyl chloride  
methylene chloride  
1,1,2,2-tetrachloroethane  
tetrachloroethylene  
toluene  
1,2-trans-dichloroethylene  
1,1,1-trichloroethane  
1,1,2-trichloroethane  
trichloroethylene  
vinyl chloride

*Pesticides*

aldrin  
alpha-BHC  
beta-BHC  
gamma-BHC  
delta-BHC  
chlordane  
4,4'-DDT  
4,4'-DDE  
4,4'-DDD  
dieldrin  
alpha-endosulfan  
beta-endosulfan  
endosulfan sulfate  
endrin

endrin aldehyde  
heptachlor  
heptachlor epoxide  
PCB-1242  
PCB-1254  
PCB-1221  
PCB-1232  
PCB-1248  
PCB-1260  
PCB-1016  
toxaphene

*Acid Compounds*

2-chlorophenol  
2,4-dichlorophenol  
2,4-dimethylphenol  
4,6-dinitro-o-cresol  
2,4-dinitrophenol  
2-nitrophenol  
4-nitrophenol  
p-chloro-m-cresol  
pentachlorophenol  
phenol  
2,4,6-trichlorophenol

*Base/Neutral*

acenaphthene  
acenaphthylene  
anthracene  
benzidine  
benzo(a)anthracene  
benzo(a)pyrene  
3,4-benzofluoranthene  
benzo(ghi)perylene  
benzo(k)fluoranthene  
bis(2-chloroethoxy)methane  
bis(2-chloroethyl)ether  
bis(2-chloroisopropyl)ether  
bis(2-ethylhexyl)phthalate  
4-bromophenyl phenyl ether  
butylbenzyl phthalate  
2-chloronaphthalene  
4-chlorophenyl phenyl ether  
chrysene  
dibenzo(a,h)anthracene  
1,2-dichlorobenzene  
1,3-dichlorobenzene  
1,4-dichlorobenzene

3,3'-dichlorobenzidine  
diethyl phthalate  
dimethyl phthalate  
di-n-butyl phthalate  
2,4-dinitrotoluene  
2,6-dinitrotoluene  
di-n-octyl phthalate  
1,2-diphenylhydrazine (as azobenzene)  
fluoranthene  
fluorene  
hexachlorobenzene  
hexachlorobutadiene  
hexachlorocyclopentadiene  
hexachloroethane  
indeno(1,2,3-cd)pyrene  
isophorone  
naphthalene  
nitrobenzene  
N-nitrosodimethylamine  
N-nitrosodi-n-propylamine  
N-nitrosodiphenylamine  
phenanthrene  
pyrene  
1,2,4-trichlorobenzene

**TABLE III - OTHER TOXIC POLLUTANTS, TOTAL METALS & TOTAL CYANIDE, AND TOTAL PHENOLS**

Antimony, Total  
Arsenic, Total  
Beryllium, Total  
Cadmium, Total  
Chromium, Total  
Copper, Total  
Lead, Total  
Mercury, Total  
Nickel, Total  
Selenium, Total  
Silver, Total  
Thallium, Total  
Zinc, Total  
Cyanide, Total  
Phenols, Total

## GRACE CREEK WASTEWATER TREATMENT PLANT

**TABLE V - TOXIC POLLUTANTS AND HAZARDOUS SUBSTANCES REQUIRED TO BE IDENTIFIED BY EXISTING DISCHARGES IF EXPECTED TO BE PRESENT**

***Toxic Pollutants***

Asbestos

***Hazardous Substances***

Acetaldehyde  
Allyl alcohol  
Allyl chloride  
Amyl acetate  
Aniline  
Benzonitrile  
Benzyl chloride  
Butyl acetate  
Butylamine  
Captan  
Carbaryl  
Carbofuran  
Carbon disulfide  
Chlorpyrifos  
Coumaphos  
Cresol  
Crotonaldehyde  
Cyclohexane  
2,4-D (2,4-Dichlorophenoxy acetic acid)  
Diazinon  
Dicamba  
Dichlobenil  
Dichlone  
2,2-Dichloropropionic acid  
Dichlorvos  
Diethyl amine  
Dimethyl amine  
Dintrobenzene  
Diquat  
Disulfoton  
Diuron  
Epichlorohydrin  
Ethion  
Ethylene diamine  
Ethylene dibromide  
Formaldehyde  
Furfural  
Guthion  
Isoprene  
Isopropanolamine  
Dodecylbenzenesulfonate  
Kelthane

Kepona  
Malathion  
Mercaptodimethur  
Methoxychlor  
Methyl mercaptan  
Methyl methacrylate  
Methyl parathion  
Mevinphos  
Mexacarbate  
Monoethyl amine  
Monomethyl amine  
Naled  
Napthenic acid  
Nitrotoluene  
Parathion  
Phenolsulfanate  
Phosgene  
Propargite  
Propylene oxide  
Pyrethrins  
Quinoline  
Resorcinol  
Strontium  
Strychnine  
Styrene  
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)  
TDE (Tetrachlorodiphenylethane)  
2,4,5-TP [2-(2,4,5-Trichlorophenoxy) propanoic acid]  
Trichlorofan  
Triethanolamine  
dodecylbenzenesulfonate  
Triethylamine  
Trimethylamine  
Uranium  
Vanadium  
Vinyl acetate  
Xylene  
Xylenol  
Zirconium

**CONVENTIONAL POLLUTANTS**

C.O.D (Chemical Oxygen Demand)  
B.O.D5 (Carbonaceous Biochemical Oxygen Demand)  
T.S.S (Total Suspended Solids)  
T.D.S (Total Dissolved Solids)  
Ammonia Nitrogen, Total  
pH

**ADDITIONAL TOXIC POLLUTANTS REQUIRED**

Aluminum, Total  
Barium, Total  
Bromide\*  
Cobalt, Total\*  
Demeton\*  
Dicofol\*  
Dioxin/Furan\*  
Fluoride\*  
Hexachlorophene\*  
Iron, Total\*  
Magnesium, Total\*  
Methyl Ethyl Ketone\*  
Mirex\*  
Molybdenum, Total  
Manganese, Total  
Nitrate-Nitrogen, Total\*  
N-Nitrosodiethylamine\*  
N-Nitroso-di-n-butylamine\*  
Nitrite-Nitrogen, Total\*  
Nitrate-Nitrite\*  
Nitrogen, Total Organic\*  
Nonylphenol\*  
Oil and Grease (HEM)  
Pentachlorobenzene\*  
Phosphorus, Total\*  
Potassium\*  
Pyridine\*  
SGT - HEM  
Sulfate, Total\*  
Sulfide\*  
Sulfite\*  
Surfactants\*  
Tin, Total\*  
Titanium, Total\*  
Total Kjeldahl Nitrogen\*  
1,2-Dibromoethane\*  
1,2,4,5-Tetrachlorobenzene\*  
Tributyltin\*  
2,4,5-Trichlorophenol\*  
TTHM (Total Trihalomethanes)\*  
*\*(only required if there is reason to believe it may be present)*