



GRACE CREEK WASTEWATER TREATMENT PLANT

Industrial Pretreatment Division
 P.O. Box 1952 WWTP
 Longview, TX 75606

Dear Industrial User,

The following is a table that shall accompany the permit application. It meets the requirements for Section F: Characteristics of Discharge of the permit application. All industries submitting a permit application for a new or renewal Industrial Waste Permit are required to test for the parameters in 40 CFR 122, Appendix D, Tables II, III, V, Conventional Pollutants and Additional Toxic Pollutants. These analysis will be a one-time requirement for the initiation or renewal of permit duration. The control authority will review and evaluate the lab results submitted with the permit application and determine which parameters will be required to be analyzed once permit is granted. Before submitting your permit application and the required documents and plans, please contact a lab to sample your effluent for these parameters. Fill out this table using the lab results submitted to you by your lab. Send the completed table and lab results, permit application, required documents and plans and other necessary information you feel is important to expedite the permitting process. If you have any comments or questions, please contact Industrial Pretreatment at 903-291-5234. Thank you.

INDUSTRY _____

CERTIFIED LAB USED _____

40 CFR PART 122, APPENDIX D, TABLE II, III & V

**Table II
 Volatiles (EPA 624)**

Pollutant	Method Used	Detection Limit (mg/L)	Result (mg/L)
Acrolein (2-Propenal)			
Acrylonitrile (2-Propenenitrile)			
Benzene			
Bromoform			
Carbon tetrachloride			
Chlorobenzene			
Chlorodibromomethane			
Chloroethane			
2-Chloroethylvinyl ether			
Chloroform			
Dichlorobromomethane			

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1,1-dichloroethene (dichloroethylene)			
1,2-dichloroethane (ethylene dichloride)			
1,1-dichloroethylene			
1,2-dichloropropane			
1,3-dichloropropylene			
Ethylbenzene			
Methyl bromide (bromomethane)			
Methyl chloride (chloromethane)			
Methylene chloride (dichloromethane)			
1,1,2,2-tetrachloroethane			
Tetrachloroethylene (perchloroethylene)			
Toluene			
1,2-trans-dichloroethylene			
1,1,1-trichloroethane (methyl chloroform)			
1,1,2-trichloroethane			
Trichloroethylene (trichloroethene)			
Vinyl chloride			

Pesticides (SW 8081) (SW 8082)			
Pollutant	Method Used	Detection Limit (mg/L)	Result (mg/L)
Aldrin			
Alpha-BHC			
Beta-BHC			
Gamma-BHC (Lindane)			
Delta-BHC			
Chlordane			
4,4'-DDT (p,p'-DDT)			
4,4'-DDE (p,p'-DDE)			
4,4'-DDD (p,p'-DDD)			
Dieldrin			



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Alpha-Endosulfan (Endosulfan I)			
Beta-Endosulfan (Endosulfan II)			
Endosulfan sulfate			
Endrin			
Endrin aldehyde			
Heptachlor			
Heptachlor epoxide			
PCB-1242 (Aroclor-1242)			
PCB-1254 (Aroclor-1254)			
PCB-1221 (Aroclor-1221)			
PCB-1232 (Aroclor-1232)			
PCB-1248 (Aroclor-1248)			
PCB-1260 (Aroclor-1260)			
PCB-1016 (Aroclor-1016)			
Toxaphene			

Acid Compounds (EPA 625)			
Pollutant	Method Used	Detection Limit (mg/L)	Result (mg/L)
2-chlorophenol (o-chlorophenol)			
2,4-dichlorophenol			
2,4-dimethylphenol			
4,6-dinitro-o-cresol (4,6-dinitro-2-methylphenol)			
2,4-dinitrophenol			
2,nitrophenol (o-nitrophenol)			
4-nitrophenol (p-nitrophenol)			
p-chloro-m-cresol (4-chloro-3-methylphenol)			
Pentachlorophenol			
Phenol			
2,4,6-trichlorophenol			



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Base/Neutral (Semivolatile Organics) (EPA 625)			
Pollutant	Method Used	Detection Limit (mg/L)	Result (mg/L)
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 (o-dichlorobenzene)			
1,3-dichlorobenzene (m-dichlorobenzene)			
1,4-dichlorobenzene (p-dichlorobenzene)			
3,3'-dichlorobenzidine			
Diethyl phthalate			
Dimethyl phthalate			
di-n-butyl phthalate			
2,4-dinitrotoluene			
2,6-dinitrotoluene			



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di-n-octyl phthalate			
1,2-diphenylhydrazine (as azobenzene)			
Fluoranthene			
Fluorene			
Hexachlorobenzene			
Hexachlorobutadiene			
Hexachlorocyclopentadiene			
Hexachloroethane			
Indeno(1,2,3-cd)pyrene			
Isophorone			
Napthalene			
Nitrobenzene			
N-nitrosodimethylamine			
N-nitrodi-n-propylamine			
N-nitrodiphenylamine (diphenylamine)			
Phenanthrene			
Pyrene			
1,2,4-trichlorobenzene			

TABLE III
(other pollutants, metals, cyanide, phenols) (EPA 200.7, 245.2, 335.2, 420.2, 1664)

Pollutant	Method Used	Detection Limit (mg/L)	Result (mg/L)
Antimony (total)			
Arsenic (total)			
Beryllium (total)			
Cadmium (total)			
Chromium (total)			
Copper (total)			
Lead (total)			
Mercury (total)			
Nickel (total)			

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Selenium (total)			
Silver (total)			
Thallium (total)			
Zinc (total)			
Cyanide (total)			
Phenols (total)			

TABLE V

TOXIC POLLUTANTS AND HAZARDOUS SUBSTANCES REQUIRED TO BE IDENTIFIED BY EXISTING DISCHARGES IF EXPECTED TO BE PRESENT

Pollutant	Method Used	Present/Not Present	Detection Limit (mg/L)	Result (mg/L)
<i>Toxic Pollutants</i>				
Asbestos				
<i>Hazardous Substances</i>				
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)				

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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				
Kepone				
Malathion				
Mercaptodimethur				
Methoxychlor				
Methyl mercaptan				
Methyl methacrylate				
Methyl parathion				
Mevinphos				
Mexacarbate				
Monoethyl amine				
Monomethyl amine				
Naled				
Napthenic acid				
Nitrotoluene				



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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			
Pollutant	Method Used	Detection Limit (mg/L)	Result (mg/L)
Ammonia Nitrogen, Total			
Biochemical Oxygen Demand (BOD5)			
Chemical Oxygen Demand (COD)			



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Oil and Grease (HEM or SGTHEM)			
Total Suspended Solids (TSS)			
Total Dissolved Solids (TDS)			
pH			

Additional Toxic Pollutant Required

Pollutant	Method Used	Present/Not Present	Detection Limit (mg/L)	Result (mg/L)
Aluminum, Total				
Barium, Total				
Bromide*				
Cobalt, Total*				
Demeton*				
Dicofol*				
Dioxin/Furan*				
Fluoride*				
Hexachlorophene*				
Iron, Total*				
Magnesium, Total*				
Manganese, Total				
Methyl Ethyl Ketone*				
Mirex*				
Molybdenum, 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*				



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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)*				
<i>*(only required if there is reason to believe it may be present)</i>				