TPDES Pretreatment Program Annual Report Form
for Influent and Effluent Monitoring Results [1]

Reporting month/year: _____, ____ to _____, ____

TPDES Permit No. _____ Permittee: _____ Treatment Plant: _____

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN µg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN µg/L [3]**	**EFFLUENT MEASURED in µg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
METALS, CYANIDE AND PHENOLS											
Antimony, Total											
Arsenic, Total											
Beryllium, Total											
Cadmium, Total											
Chromium, Total											
Chromium (Hex)											
Chromium (Tri)[5]											
Copper, Total											
Lead, Total											
Mercury, Total											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN µg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN µg/L [3]**	**EFFLUENT MEASURED in µg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
Nickel, Total											
Selenium, Total											
Silver, Total											
Thallium, Total											
Zinc, Total											
Cyanide, Available[6]											
Cyanide, Total											
Phenols, Total											
VOLATILE COMPOUNDS											
Acrolein											
Acrylonitrile											
Benzene											
Bromoform							See TTHM				
Carbon Tetrachloride											
Chlorobenzene											
Chlorodibromomethane							See TTHM				

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN μg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN μg/L [3]**	**EFFLUENT MEASURED in μg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
Chloroethane											
2-Chloroethylvinyl Ether											
Chloroform							See TTHM				
Dichlorobromomethane							See TTHM				
1,1-Dichloroethane											
1,2-Dichloroethane											
1,1-Dichloroethylene											
1,2-Dichloropropane											
1,3-Dichloropropylene											
Ethyl benzene											
Methyl Bromide											
Methyl Chloride											
Methylene Chloride											
1,1,2,2-Tetra-chloroethane											
Tetrachloroethylene											
Toluene											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN μg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN μg/L [3]**	**EFFLUENT MEASURED in μg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
1,2-Trans-Dichloroethylene											
1,1,1-Trichloroethane											
1,1,2-Trichloroethane											
Trichloroethylene											
Vinyl Chloride											
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											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN μg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN μg/L [3]**	**EFFLUENT MEASURED in μg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
Phenol											
2,4,6-Trichlorophenol											
BASE/NEUTRAL COMPOUNDS											
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											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN μg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN μg/L [3]**	**EFFLUENT MEASURED in μg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
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											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN μg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN μg/L [3]**	**EFFLUENT MEASURED in μg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
2,6-Dinitrotoluene											
Di-n-Octyl Phthalate											
1,2-Diphenyl Hydrazine											
Fluoranthene											
Fluorene											
Hexachlorobenzene											
Hexachlorobutadiene											
Hexachloro-cyclopentadiene											
Hexachloroethane											
Indeno(1,2,3-cd)pyrene											
Isophorone											
Naphthalene											
Nitrobenzene											
N-Nitrosodimethylamine											
N-Nitrosodi-n-Propylamine											
N-Nitrosodiphenylamine											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN μg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN μg/L [3]**	**EFFLUENT MEASURED in μg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
Phenanthrene											
Pyrene											
1,2,4-Trichlorobenzene											
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											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS											
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN µg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN µg/L[3]**	**EFFLUENT MEASURED in µg/L (ACTUAL CONCENTRATION OR < MAL)[4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
Endrin											
Endrin Aldehyde											
Heptachlor											
Heptachlor Epoxide											
PCB-1242											
PCB-1254											
PCB-1221											
PCB-1232											
PCB-1248											
PCB-1260											
PCB-1016											
Toxaphene											
ADDITIONAL TOXIC POLLUTANTS REGULATED UNDER 30 TAC CHAPTER 307											
Aluminum											
Barium											
Bis(chloromethyl)ether[7]											
Carbaryl											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS												
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN μg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN μg/L [3]**	**EFFLUENT MEASURED in μg/L (ACTUAL CONCENTRATION OR < MAL) [4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
Chloropyrifos											
Cresols											
2,4-D											
Danitol[8]											
Demeton											
Diazinon											
Dicofol											
Dioxin/Furans[9]											
Diuron											
Fluoride											
Guthion											
Hexachlorophene											
Malathion											
Methoxychlor											
Methyl Ethyl Ketone											
Mirex											
Nitrate-Nitrogen											

PRETREATMENT PROGRAM INFLUENT AND EFFLUENT MONITORING RESULTS												
POLLUTANT	**MAHL, IF APPLICABLE IN lb/day**	**INFLUENT MEASURED IN µg/L (ACTUAL CONCENTRATION OR < MAL)**				**AVERAGE INFLUENT % OF THE MAHL[2]**	**DAILY AVERAGE EFFLUENT LIMIT IN µg/L[3]**	**EFFLUENT MEASURED in µg/L (ACTUAL CONCENTRATION OR < MAL)[4]**			
		DATE	**DATE**	**DATE**	**DATE**			**DATE**	**DATE**	**DATE**	**DATE**
N-Nitrosodiethylamine											
N-Nitro-di-n-Butylamine											
Parathion											
Pentachlorobenzene											
Pyridine											
1,2-Dibromoethane											
1,2,4,5-Tetrachlorobenzene											
2,4,5-TP (Silvex)											
Tributyltin[9]											
2,4,5-Trichlorophenol											
TTHM (Total Trihalomethanes)											

Footnotes:

1. It is advised that the permittee collect the influent and effluent samples considering flow detention time through each wastewater treatment plant (WWTP).
2. The MAHL of the approved TBLLs or for each pollutant of concern (POC) for which the permittee has calculated a MAHL. Only complete the column labeled, "Average Influent % of the MAHL", as a percentage, for pollutants that have approved TBLLs or for each POC for which the permittee has calculated a MAHL (U.S. Environmental Protection Agency *Local Limits Development Guidance*, July 2004, EPA933-R-04-002A).

   The % of the MAHL is to be calculated using the following formulas:

   Equation A: $L_{INF} = (C_{POLL} \times Q_{WWTP} \times 8.34) / 1000$

   Equation B: $L_{\%} = (L_{INF} / MAHL) \times 100$

   Where:

   L_{INF} = Current Average (Avg) influent loading in lb/day

   C_{POLL} = Avg concentration in **µ**g/L of all influent samples collected during the pretreatment year.

   Q_{WWTP} = Annual Avg flow of the WWTP in MGD, defined as the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months (or during the pretreatment year), and as described in the Definitions and Standard Permit Conditions section.

   $L_{\%}$ = % of the MAHL

   MAHL = Calculated MAHL in lb/day

   8.34 = Unit conversion factor

3. Daily average effluent limit (metal values are for total metals) as derived by the Texas Toxicity Modeling Program (TexTox). Effluent limits as calculated are designed to be protective of the Texas Surface Water Quality Standards. The permittee shall determine and indicate which effluent limit is the most stringent between the 30 TAC Chapter 319 (Hazardous Metal Rule), TexTox values, or any applicable TPDES permit limit in Effluent Limitations and Monitoring Requirements Section. Shaded blocks need not be filled in unless the permittee has received a permit requirement/limit for the particular parameter.
4. Minimum Analytical Levels (MALs) and analytical methods as suggested in Tables 8 and 9 of the *Procedures to Implement the Texas Surface Water Quality Standards* (January 2003), as amended and adopted by the TCEQ Commission. Pollutants that are not detectable above the MAL need to be reported as less than (<) the MAL numeric value.
5. Report result by subtracting Hexavalent Chromium from Total Chromium.
6. Either the method for Amenable to Chlorination or Weak-Acid Dissociable is authorized.
7. Hydrolyzes in water. Will not require permittee to analyze at this time.
8. EPA procedure not approved. Will not require permittee to analyze at this time.
9. Analyses are not required at this time for these pollutants unless there is reason to believe that these pollutants may be present.