**TPDES Pretreatment Program Annual Report Form for   
Influent and Effluent Monitoring Results1**

**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 MAHL2 | | Daily Average Effluent Limit (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 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 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 | |  |  | |  | |  | |
| 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 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 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 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 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 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 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-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 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Phenanthrene |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Pyrene |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 1,2,4-Trichlorobenzene |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| **PESTICIDES** | | | | | | | | | | | | | | | | |
| Aldrin |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Alpha-hexachlorocyclohexane (BHC) |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| beta-BHC |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| gamma-BHC (Lindane) |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 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 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Polychlorinated biphenols (PCBs)  *The sum of PCB concentrations not to exceed daily average value.* |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| PCB-1242 |  |  |  |  |  |  | | See PCBs | |  |  | |  | |  | |
| PCB-1254 |  |  |  |  |  |  | | See PCBs | |  |  | |  | |  | |
| PCB-1221 |  |  |  |  |  |  | | See PCBs | |  |  | |  | |  | |
| PCB-1232 |  |  |  |  |  |  | | See PCBs | |  |  | |  | |  | |
| PCB-1248 |  |  |  |  |  |  | | See PCBs | |  |  | |  | |  | |
| PCB-1260 |  |  |  |  |  |  | | See PCBs | |  |  | |  | |  | |
| PCB-1016 |  |  |  |  |  |  | | See PCBs | |  |  | |  | |  | |
| Toxaphene |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| **ADDITIONAL TOXIC POLLUTANTS REGULATED UNDER 30 TAC CHAPTER 307** | | | | | | | | | | | | | | | | |
| Aluminum |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Barium |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Bis(chloromethyl)ether 7 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Carbaryl |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Chloropyrifos |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Cresols |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 2,4-D |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Danitol 8 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Demeton |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Diazinon |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Dicofol |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Dioxin/Furans 9 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Diuron |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Epichlorohydrin 9 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Ethylene glycol 9 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Fluoride |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Guthion |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Hexachlorophene |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 4,4’-Isoproplidenediphenolediphenol (biphenol A) 9 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Malathion |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Methoxychlor |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Methyl Ethyl Ketone |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Methyl tert-butyl-ether (MTBE) 9 |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Mirex |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Nitrate-Nitrogen |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| N-Nitrosodiethylamine |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| N-Nitroso-di-n-Butylamine |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| Nonylphenol |  |  |  |  |  |  | |  | |  |  | |  | |  | |
| 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) |  |  |  |  |  |  | |  | |  |  | |  | |  | |

**Endnotes:**

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 = ( CPOLL x QWWTP x 8.34) / 1000

Equation B: L% = (L INF / MAHL) x 100

Where:

L INF = Current Average (Avg) influent loading in lb/day

CPOLL = Avg concentration in µg/L of all influent samples collected during the pretreatment year.

QWWTP = Annual average 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, Subchapter B (Hazardous Metals) limit, TexTox values, or any applicable limit in the Effluent Limitations and Monitoring Requirements Section of this TPDES permit. 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 E-1 and E-2 of the *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), as amended and adopted by the TCEQ. 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.

1. Analyses are not required at this time for these pollutants unless there is reason to believe that these pollutants may be present.