# CITY OF ATTLEBORO

## INDUSTRIAL PRETREATMENT PROGRAM

### *TTO/SOLVENT MANAGEMENT PROGRAM*

**COMPANY NAME:** _____

**MAILING ADDRESS:** _____

**FACILITY ADDRESS:** _____

**PHONE NUMBER:** _____

**PLAN PREPARED BY:** _____

In accordance with the City of Attleboro's Municipal Ordinance and the Industrial Pretreatment Program, facilities discharging into the municipal sewer may be required to provide information to ensure compliance with prescribed pretreatment. Federal pretreatment standards for metal finishers and electroplaters (40 CFR 413.03 and 433.12) require periodic monitoring for Total Toxic Organics (TTO's) or submission of a Toxic Organic Management Plan to the Department of Wastewater.

In order to provide for the control of solvents and toxic organics which may be discharged to the Municipal Sewer, the City is requiring, as a condition of each sewer user's wastewater discharge permit, that a solvent management plan be prepared and submitted to the Department of Wastewater in lieu of regular monitoring for toxic organic compounds and solvents.

This form has been developed by the Department of Wastewater to assist sewer users who must prepare a solvent management plan. When completed, submitted and approved by the Superintendent of Wastewater, this document will constitute the facility's solvent management plan.

**SECTION A**

Solvent Consumption

Does your firm use any solvents, chemicals or compounds containing any of the toxic organic compounds listed on the EPA table of toxic organics attached to this document?

_____ Yes _____ No

1. If yes, you must complete all sections of this Solvent Management Plan.

2. If no, please complete SECTION G.

List the type and amount of solvents used yearly at this facility. A list of EPA toxic organic compounds is attached for your information. In addition to the compounds on this list, any other solvents used on the premises must be included. (Also provide a brief explanation of the solvent used, i.e. degreasing unit, paint removal, etc.)

| **SOLVENT** | **GAL. USED/YR** | **WHAT THE SOLVENT IS USED FOR** |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

**SECTION B**

Method of Solvent Consumption

You must account for all the gallons used for each solvent listed in Section A. Indicate the volume of solvent presently stored onsite and the volume disposed of annually by each method of disposal (e.g. reclamation, contract hauler, consumption in product, evaporation, incineration, or other) and the gallons disposed of yearly.

If there is more than one method of disposal for a solvent, list the gallons disposed of by each method. The total gallons listed here must equal the total gallons listed in Section A

| **SOLVENT** | **METHOD OF DISPOSAL** | **GALS. DISP./YR** |
|---|---|---|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

**SECTION C**

Wastewater Analysis

Has your process wastewater ever been analyzed for any or all of the solvents listed in Section A?

_____ Yes _____ No

If yes, please attach a copy of the analysis.

**SECTION D**

Solvent Process Operations

For each of the solvents listed in Section A, provide a brief description of the process in which the solvent is used and describe in detail the work methods used to prevent and prohibit solvent and solvent dragout from entering the wastewater discharge from the facility.

**SECTION E**

Spill Control Procedures

Describe the spill control procedures in effect for solvents on the premises. This would include measures taken in both storage areas and in the work area to prevent incidental and accidental spillage. Measures to prevent and control spillage may include berms, absorbent material, etc.

**SECTION F**

Certification Statement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. I hereby certify that based on my inquiry of the person or persons responsible for managing compliance with the permit limitation for **Total Toxic Organics (TTO)**, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has or does occur.

I further certify that this facility is implementing and will abide by this toxic organic management plan as submitted to the City of Attleboro Department of Wastewater.

| _____ | _____ |
|---|---|
| Name (Type or Print) | Title |

| _____ | _____ | _____ |
|---|---|---|
| Signature | Date | Phone |

**SECTION G**

Certification Statement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. I hereby certify that based on my inquiry of the person or persons responsible for managing compliance with the permit limitations for **Total Toxic Organics (TTO)**, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has or does occur.

I further certify that this facility does not use nor has in its possession any of the substances listed on page 8 of this document in this facility.

| Name (Type or Print) | Title | |
|---|---|---|
| Signature | Date | Phone |

TOXIC ORGANICS

| | |
|---|---|
| acenaphthene | 4,6-Dinitro-o-cresol |
| Acrolein | N-nitrosodimethylamine |
| Acrylonitrile | N-nitrosodiphenylamine |
| Benzene | N-nitrosodi-n-propylamine |
| Benzidine | Pentachlorophenol |
| Carbon tetrachloride | Phenol |
| Chlorobenzene | Bis (2-ethylhexyl) phthalate |
| 1,2,4-Trichlorobenzene | Butyl benzyl phthalate |
| Hexachlorobenzene | Di-n-butyl phthalate |
| 1,2-Dichloroethane | Di-n-octyl phthalate |
| 1,1,1-Trichloroethane | Diethyl phthalate |
| Hexachloroethane | Dimethyl phthalate |
| 1,1-Dichloroethane | 1,2-Benzanthracene (benzo(a)anthracene) |
| 1,1,2-Trichloroethane | Benzo(a)pyrene (3,4-benzopyrene) |
| 1,1,2,2-Tetrachlorethane | 3,4-Benzofluoranthene (benzo(b)fluoranthene) |
| Chloroethane | 11,12-Benzofluoranthene (benzo(k)fluoranthene) |
| Bis(2-chloroethyl)ether | Chrysene |
| 2-Chloroethyl vinyl ether (mixed) | Acenaphthylene |
| 2-Chloronaphthalene | Anthracene |
| 2,4,6-Trichlorophenol | 1,12-Benzoperylene (benzo(ghi)perylene) |
| Parachlorometa cresol | Fluorene |
| Chloroform (trichloromethane) | Phenanthrene |
| 2-Chlorophenol | 1,2,5,6-Dibenzanthracene (dibenzo(a,h)anthracene) |
| 1,2-Dichlorobenzene | Indeno(1,2,3-cd)pyrene (2,3-o-phenlene pyrene) |
| 1,3-Dichlorobenzene | Pyrene |
| 1,4-Dichlorobenzene | Tetrachloroethylene |
| 3,3-Dichlorobenzidine | Toluene |
| 1,1-Dichlorethylene | Trichloroethylene |
| 1,2-Trans-dichloroethylene | Vinyl chloride (chloroethylene) |
| 2,4-Dichlorophenol | Aldrin |
| 1,2-Dichloropropane | Dieldrin |
| 1,3-Dichloropropylene (1,3-Dichloropropene) | Chlordane (technical mixture and metabolites) |
| 2,4-Dimethylphenol | 4,4-DDT |
| 2,4-Dinitrotoluene | 4,4-DDE (p,p-DDX) |
| 2,6-Dinitrotoluene | 4,4-DDD (p,p-TDE) |
| 1,2-Diphenylhydrazine | Alpha-endosulfan |
| Ethylbenzene | Beta-endosulfan |
| Fluoranthene | Endosulfan sulfate |
| 4-Chlorophenyl phenyl ether | Endrin |
| 4-Bromophenyl phenyl ether | Endrin aldehyde |
| Bis (2-chloroisopropyl) ether | Heptachlor |
| Bis (2-chloroethoxy) methane | Heptachlor epoxide (BHC-hexachloro-cyclohexane) |
| Methylene chloride (dichloromethane) | Alpha-BHC |
| Methyl chloride (chloromethane) | Beta-BHC |
| Methyl bromide (bromomethane) | Gamma-BHC |
| Bromoform (tribromomethane) | Delta-BHC |
| Dichlorobromomethane | (PCB-polychlorinated biphenyls) |
| Chlorodibromomethane | PCB-1242 (Arochlor 1242) |
| Hexachlorobutadiene | PCB-1254 (Arochlor 1254) |
| Hexachlorocyclopentadiene | PCB-1221 (Arochlor 1221) |
| Isophorone | PCB-1260 (Arochlor 1260) |
| Naphthalene | PCB-1232 (Arochlor-1232) |
| Nitrobenzene | PCB-1016 (Arochlor 1016) |
| 2-Nitrophenol | PCB-1248 (Arochlor 1248) |
| 4-Nitrophenol | Toxaphene |
| 2,4-Dinitrophenol | 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) |