

TOXIC ORGANIC MANAGEMENT PLAN

1. General Information

Industrial User Name: _____

Industrial User Address: _____

Industrial User Discharge Permit Number: _____

Primary facility contact with 24 hour phone numbers: _____

Secondary facility contact with 24 hour phone numbers: _____

2. Facility Description

Nature of Business: _____

Operating Hours: _____

Number of Employees: _____

Provide detailed drawings of facility to include:

Location of all raw materials

Location of all chemicals

Location of all waste

Location of all floor drains

Location of all other discharge points

Location of all outside exits

Location of all posted notices of emergency contacts

Location of all stormwater drains

1. **Purpose and Scope**

The purpose of the plan is to identify sources of toxic organics (111 each) in the facility wastewater and describe controls necessary to insure that these chemicals are not intentionally or accidentally discharged in the facility wastewater system. Refer to Attachment A for the toxic organic list.

1. **Process Description** – describe processes conducted at the facility and areas where process wastewater discharges are primarily associated.

2. **Identification of Toxic Organic Chemicals entering plant waste waters** – describe which toxic organics appear in the wastewater. Provide sampling results for the last several years.

3. **Inventory of Toxic Organics used at the Facility** – provide a list of all chemicals used and the quantity stored on site.

4. **Methods of disposal** – describe the current disposal practices of these chemicals.

5. **Existing administrative or engineering controls to prevent leaks or accidental discharges of toxic organics**

a. Chemical Approval

- b. Safety process review
 - c. Sign posting at wet process drain areas
 - d. Spill control
 - e. Engineering controls
 - f. Employee training
 - g. Contractor awareness
6. **Process modifications** – describe any modifications made to comply with this plan.

Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation [or pretreatment standard] for total toxic organics (TTO) I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewater has occurred since filing of the last discharge monitoring report . I further certify that this facility is implementing the toxic organic management plan submitted to the permitting authority.

Name & Title of Representative: _____

Signature of Representative: _____

Date of Signature: _____

Appendix A

TOTAL TOXIC ORGANICS LIST

Volatile Comp'ds (EPA Method 624)	39. 2,4,6-trichlorophenol	77. Isophorone
1. Acrolein	Base/Neutrals (EPA Method 625)	78. Naphthalene
2. Acrylonitrile	40. Acenaphthene	79. Nitrobenzene
3. Benzene	41. Acenaphthylene	80. N-nitrosodimethylamine
4. Bromoform	42. Anthracene	81. N-nitrosodi-n-propylamine
5. Carbon tetrachloride	43. Benzidine	82. N-nitrosodiphenylamine
6. Chlorobenzene	44. Benzo(a)anthracene	83. Phenanthrene
7. Chlorodibromomethane	45. Benzo(a)pyrene	84. Pyrene
8. Chloroethane	46. 3,4-benzofluoranthene	85. 1,2,4-trichlorobenzene
9. 2-chloroethylvinyl ether	47. Benzo(ghi)perylene	Pesticides (EPA Method 608)
10. Chloroform	48. Benzo(k)fluoranthene	86. Aldrin
11. Dichlorobromomethane	49. bis(2-chloroethoxy)methane	87. Alpha-BHC
12. 1,1-dichloroethane	50. bis(s-chloroethyl)ether	88. Beta-BHC
13. 1,2-dichloroethane	51. bis(2-chloroisopropyl)ether	89. Gamma-BHC
14. 1,1-dichloroethylene	52. bis(2-ethylhexyl)phthalate	90. Delta-BHC
15. 1,2-dichloropropane	53. 4-bromophenyl phenyl ether	91. Chlordane
16. 1,3-dichloropropylene	54. Butylbenzyl phthalate	92. 4,4'-DDT
17. Ethylbenzene	55. 2-chloronaphthalene	93. 4,4'-DDE
18. Methyl bromide	56. 4-chlorophenyl phenyl ether	94. 4,4'-DDD
19. Methyl chloride	57. Chrysene	95. Dieldrin
20. Methylene chloride	58. Dibenzo(a,h)anthracene	96. Alpha-endosulfan
21. 1,1,2,2-tetrachloroethane	59. 1,2-dichlorobenzene	97. Beta-endosulfan
22. Tetrachloroethylene	60. 1,3-dichlorobenzene	98. Endosulfan sulfate
23. Toluene	61. 1,4-dichlorobenzene	99. Endrin
24. 1,2-trans-dichloroethylene	62. 3,3-dichlorobenzidene	100. Endrin aldehyde
25. 1,1,1-trichloroethane	63. Diethyl phthalate	101. Heptachlor
26. 1,1,2-trichloroethane	64. Dimethyl phthalate	102. Heptachlor epoxide
27. Trichloroethylene	65. Di-n-butyl phthalate	103. PCB-1242 (Arochlor 1242)
28. Vinyl chloride	66. 2,4-dinitrotoluene	104. PCB-1254 (Arochlor 1254)
Acid compounds (EPA Method 625)	67. 2,6-dinitrotoluene	105. PCB-1221 (Arochlor 1221)
29. 2-chlorophenol	68. Di-n-octyl phthalate	106. PCB-1232 (Arochlor 1232)
30. 2,4-dichlorophenol	69. 1,2-diphenylhydrazine (as azobenzene)	107. PCB-1248 (Arochlor 1248)
31. 2,4-dimethylphenol	70. Fluoranthene	108. PCB-1260 (Arochlor 1260)
32. 4,6-dinitro-o-cresol	71. Fluorene	109. PCB-1016 (Arochlor 1016)
33. 2,4-dinitrophenol	72. Hexachlorobenzene	110. Toxaphene
34. 2-nitrophenol	73. Hexachlorobutadiene	
35. 4-nitrophenol	74. Hexachlorocyclopentadiene	
36. p-chloro-m-cresol	75. Hexachloroethane	
37. Pentachlorophenol	76. Indeno(1,2,3-cd)pyrene	
38. Phenol		Total concentration of all quantifiable values greater than 10 micrograms for compounds 1 thru 110 shall not exceed 2,130 ug/l.

The list of Priority Pollutants included herein is taken from Federal NPDES Permit regulation 40 CFR Part 122, Appendix D, Table