



Industrial Pretreatment Program

BASELINE MONITORING REPORT FOR CATEGORICAL USERS

**City of Ann Arbor
Wastewater Treatment Facility
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City of Ann Arbor
Industrial Pretreatment Program
**BASELINE MONITORING REPORT
FOR CATEGORICAL USERS**

Instructions: All categorical users of the Ann Arbor Wastewater Treatment Facility must submit a separate Baseline Monitoring Report (BMR) for each categorical process discharging to each sewer outlet. Use additional sheets as necessary. For existing sources, the BMR is due within one hundred eighty (180) days following the date of notification or the effective date of new/revised standards. For new sources, the BMR is due at least ninety (90) days prior to the commencement of discharge. Any BMR must be resubmitted within sixty (60) days of the user becoming aware of any changes in the submitted information.

Check one: Existing Discharger Proposed Discharger

A. GENERAL

1. Facility Name: _____
Permit Number: _____
Street Address: _____
City: _____
2. Year Facility was Constructed: _____

B. CATEGORICAL PROCESS IDENTIFICATION

1. Applicable Categorical Regulation
40 CFR Part: _____ Title: _____
Subpart: _____ Title: _____
2. Attach a schematic block diagram showing unit operations, water and waste streams, treatment units, flow rates, and available sampling locations for this process.
3. Provide description of unit operations and how this process is used at facility: _____

4. Applicable production rates for regulated process per categorical standard:

Unit Operation	Production Rate (specify units)
_____	_____
_____	_____
_____	_____

5. Year installed: _____

C. TOTAL TOXIC ORGANICS (TTO)

1. Does the applicable categorical regulation include TTO? Yes No

If no, proceed to Section D.

2. Are any TTO listed on page A-1 stored and/or used at this facility? Yes No

If no, proceed to Section D.

3. Identify TTO which are stored and/or used at facility, and indicate if there is reasonable potential to be present in the process discharge at detectable levels:

Compound	Present in Process Discharge (yes/no)
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

4. Are any TTO expected to be in discharge at detectable levels? Yes No

If no, is it desired to utilize the TTO Certification in lieu of monitoring if option is available in the categorical standard? Yes No

If yes, attach the Toxic Organic Management Plan (TOMP) to this report. A TTO Certification Statement must also be submitted with each self-monitoring report.

D. COMPLIANCE ASSESSMENT

1. Provide concentrations of all pollutants regulated by the applicable categorical standard, subject to the following requirements:

- Pollutants shall be analyzed using USEPA-approved procedures and in accordance with 40 CFR Part 403.12(b)(5)(iii-viii).
- TTO monitoring data shall be included for any pollutants with reasonable potential to be present in the process discharge.
- Analytical testing shall be performed on a minimum of one (1) composite sample, flow-proportioned, and collected over 24 hours of normal operation. Exceptions are pH, cyanide, oil & grease, and volatile organics that shall consist of a minimum of four (4) grab samples.
- Copies of laboratory reports and chain-of-custody forms shall be furnished upon request by the City.
- For existing sources, historic data may be used if above requirements are met and samples are representative of current discharge. For new sources, estimates are allowed subject to submittal of actual data within 90 days of commencing discharge.

Regulated Pollutant	Average (mg/L)	Maximum (mg/L)	Sample Type (composite/grab)	No. Samples ("E"=estimated)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

2. Compare the above concentrations for each regulated pollutant to the applicable limits, and indicate compliance status; contact the City should you need assistance:

Regulated Pollutant	Average Limit (mg/L)	Maximum Limit (mg/L)	Compliant?
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

3. Did the sampled waste stream contain discharge(s) from any other process not regulated under the applicable categorical standard? Yes No

If yes, describe and provide flow of other process discharge(s): _____

4. Based on this data, will applicable limits be consistently met? Yes No

If yes, proceed to Section F.

E. COMPLIANCE SCHEDULE

Indicate proposed schedule for achieving compliance with applicable limits, subject to the following requirements.

- No increment of progress shall exceed nine (9) months; sub-divide if necessary.
- Final completion date shall not be later than specified in regulation, if applicable.
- Items marked with an asterisk (*) shall be submitted to the City for review. The lack of review comments received from the City will not excuse noncompliance with either the schedule or the limits.

Increment of Progress	Commencement (date)	Completion (date)
1. Engineering:		
a. Consultant selection, if needed	_____	_____
b. Assessment of current conditions	_____	_____
c. Selection of treatment process	_____	_____
d. Conceptual design*	_____	_____
e. Final design*	_____	_____
f. Other (explain): _____	_____	_____
_____	_____	_____
_____	_____	_____
2. Construction:		
a. Contractor selection, if needed	_____	_____
b. Equipment Purchase	_____	_____
c. Equipment Delivery	_____	_____
d. Equipment Installation	_____	_____
e. Other (explain): _____	_____	_____
_____	_____	_____
_____	_____	_____
3. Start-up and Commissioning		
a. Other (explain): _____	_____	_____
_____	_____	_____
4. Full Compliance		
_____	_____	_____
5. BMR Update*		
_____	_____	_____

F. CONFIDENTIALITY

Is any of the enclosed information considered confidential? Yes No

If yes, complete confidentiality request on page A-2 and attach to this form.

G. CERTIFICATION

For this submittal to be administratively complete, the following certification statement must be signed by the Authorized Representative:

“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 fine and imprisonment for knowing violations.”

Signed: _____ Title: _____

Print Name: _____ Date: _____

City of Ann Arbor
Industrial Pretreatment Program

Total Toxic Organics

1. Acenaphthene
2. Acrolein
3. Acrylonitrile
4. Benzene
5. Benzidine
6. Carbon tetrachloride (Tetrachloromethane)
7. Chlorobenzene
8. 1,2,4-Trichlorobenzene
9. Hexachlorobenzene
10. 1,2-Dichloroethane
11. 1,1,1-Trichloroethane
12. Hexachloroethane
13. 1,1-Dichloroethane
14. 1,1,2-Trichloroethane
15. 1,1,2,2-Tetrachloroethane
16. Chloroethane
17. Bis (2-chloroethyl) ether
18. 2-Chloroethylvinyl ether (mixed)
19. 2-Chloronaphthlene
20. 2,4,6-Trichlorophenol
21. Parachlorometa cresol
22. Chloroform [Trichloromethane]
23. 2-Chlorophenol
24. 1,2-Dichlorobenzene
25. 1,3-Dichlorobenzene
26. 1,4-Dichlorobenzene
27. 3,3-Dichlorobenzidine
28. 1,1-Dichloroethylene
29. 1,2-trans-Dichloroethylene
30. 2,4-Dichlorophenol
31. 1,2-Dichloropropane
32. 1,3-Dichloropropylene
33. 2,4-Dimethylphenol
34. 2,4-Dinitrotoluene
35. 2,6-Dinitrotoluene
36. 1,2-Diphenylhydrazine
37. Ethylbenzene
38. Fluoranthene
39. 4-chlorophenyl phenyl ether
40. 4-bromophenyl phenyl ether
41. Bis (2-chloroisopropyl) ether
42. Bis (2-chloroethoxy) methane
43. Methylene chloride [Dichloromethane]
44. Methyl chloride [Chloromethane]
45. Methyl bromide [Bromomethane]
46. Bromoform [Tribromomethane]
47. Dichlorobromomethane
48. Chlorodibromomethane
49. Hexachlorobutadiene
50. Hexachlorocyclopentadiene
51. Isophorone
52. Naphthalene
53. Nitrobenzene
54. 2-Nitrophenol
55. 4-Nitrophenol
56. 2,4-Dinitrophenol
57. 4,6-Dinitro-o-cresol
58. N-Nitrosodimethylamine
59. N-Nitrosodiphenylamine
60. N-Nitrosodi-n-propylamine
61. Pentachlorophenol
62. Phenol
63. Bis (2-ethylhexyl) phthalate
64. Butyl benzyl phthalate
65. Di-n-butyl phthalate
66. Di-n-octyl phthalate
67. Diethyl phthalate
68. Dimethyl phthalate
69. 1,2-benzanthracene [Benzo(a)anthracene]
70. Benzo(a)pyrene [3,4-Benzopyrene]
71. 3,4-Benzofluoranthene [Benzo(b)fluoranthene]
72. 1,1,12-Benzofluoranthene [Benzo(k)fluoranthene]
73. Chrysene
74. Acenaphthylene
75. Anthracene
76. 1,12-Benzoperylene [Benzo(ghi)perylene]
77. Fluorene
78. Phenanthrene
79. 1,2,5,6-Dibenzanthracene [dibenzo(a,h)anthracene]
80. Indeno(1,2,3-cd) pyrene [2,3-o-phenylene pyrene]
81. Pyrene
82. Tetrachloroethylene
83. Toluene
84. Trichloroethylene
85. Vinyl chloride [Chloroethylene]
86. Aldrin
87. Dieldrin
88. Chlordane (technical mixture & metabolites)
89. 4,4-DDT
90. 4,4-DDE [p,p-DDX]
91. 4,4-DDD [p,p-TDE]
92. Alpha-endosulfan
93. Beta-endosulfan
94. Endosulfan sulfate
95. Endrin
96. Endrin aldehyde
97. Heptachlor
98. Heptachlor epoxide
99. Alpha-Hexachlorocyclohexane [Alpha-BHC]
100. Beta-BHC
101. Gamma-BHC [Lindane]
102. Delta-BHC
103. Polychlorinated biphenyls-1242 [PCB-1242; Arochlor 1242]
104. PCB-1254 [Arochlor 1254]
105. PCB-1221 [Arochlor 1221]
106. PCB-1232 [Arochlor 1232]
107. PCB-1248 [Arochlor 1248]
108. PCB-1260 [Arochlor 1260]
109. PCB-1216 [Arochlor 1216]
110. Toxaphene
111. 2,3,7,8-Tetrachlorodibenzo-p-dioxin [TCDD]



City of Ann Arbor
Industrial Pretreatment Program
CONFIDENTIALITY REQUEST

I hereby request that the following information be kept confidential:

(use additional sheets as necessary)

It is understood that this request will be honored by the City in accordance with the Sewer Use Ordinance §2:45.10 (below), combined with applicable provisions of 40 CFR Part 2.302 and Michigan Administrative Code R 323.2104(o).

_____ Signature	_____ Date
_____ Name	_____ Title

2:45.10. Confidential information.

The following confidentiality provisions shall apply:

- (1) All information and data submitted to the city relating to matters regulated in this chapter are presumed not to be confidential. Information submitted by a user shall be clearly marked on each page as to the portion or portions considered by the user to be confidential and accompanied by a written explanation of why the user considers the information confidential. Mere marking of a page as "confidential" does not necessarily mean that the information on that page must be kept confidential.
- (2) Information furnished to the city on the volume or characteristics of wastewater or pollutants discharged or proposed to be discharged into the POTW shall be available to the public or other governmental agency without restriction. When requested by a user furnishing information, the portions of the information submitted which may disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made available upon written request to governmental agencies for uses related to this ordinance, the National Pollutant Discharge Elimination System (NPDES) permit, and/or the pretreatment programs; provided, however, all of that information shall be available for use by the state, any state agency or the city in judicial review or enforcement proceedings involving the user furnishing the information. The city shall notify a user, who has requested and is entitled to confidentiality for information furnished by the user to the city, that the city has sent the confidential information to another governmental agency that has made a written request for it.
- (3) Where a user has mass-based limits as allowed by certain categorical pretreatment standards on a production basis, the production data necessary to determine compliance must also be provided by the user to the city, and be available to the public. Where application of the combined waste stream formula is necessary to apply categorical pretreatment standards to a user, the flow measurements and other data used in the calculation must be provided by the user to the city, and be available to the public.
- (4) Observations made by city inspectors are subject to the confidentiality provisions of this section as if they were in writing if the user specifies in writing to the city the observations made by the city inspector for which the user seeks confidentiality.