

**BUTLER COUNTY, OHIO
APPLICATION FOR WASTEWATER DISCHARGE PERMIT
(BASELINE MONITORING REPORT)**

Complete all the information requested on this form and submit to the:
Butler County Department of Environmental Services
Attn: Pretreatment and Industrial Services
130 High Street - Fifth Floor
Hamilton, Ohio 45011

A. General Information

1. Company Name _____
2. Mailing Address _____
Street _____
City _____ State _____ Zip _____
3. Facility Address _____
Street _____
City _____ State _____ Zip _____
4. Contact Official
Name _____
Title _____
Address _____
Telephone _____
5. Employee Work Force

Shift(s)	From	Hours	To	Number of Employees
1	_____			_____
2	_____			_____
3	_____			_____
				Total _____
6. Days of operations per week _____

B. Listing of Environmental Control Permits

1. NPDES Permit
Permit No.(s) _____
Receiving Stream(s) _____
2. Other Permits _____

C. Description of Operations

1. Company a. _____ manufactures a product or products
 b. _____ provides a service

2. Description of Manufacturing Process

3. Standard Industrial Classification (SIC) numbers describing company operations

4. If your industry is a service, briefly describe the services provided

5. If your industry is a manufacturing industry

b. List raw materials (including chemicals) used

Raw Materials (Chemicals)	Monthly Consumption		Priority Pollutants	
	Number	Units	Yes	No
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

(Attach additional list if necessary. 129 priority pollutants listed on pages 16 and 17)

D. Wastewater Flows

A. Water Consumption Supplier: _____

<u>Water Source</u>	<u>Average Water Use (gpd)</u>	<u>Peak Water Use (gpd)</u>
Public Water	_____	_____
Well Supply	_____	_____
Other	_____	_____
Totals	_____	_____

B. Wastewater Discharge

1. General Information

a. Total Industrial Flow to Sanitary Sewer _____ gpd

b. Method of Flow Monitoring _____

c. Flow Monitoring Period _____ days/month

d. Daily Flows

Peak _____ gpd

Average _____ gpd

Minimum _____ gpd

e. Are there any batch discharges from the plant?

_____ Yes _____ No

If yes, give the number per month _____

and volume per batch _____

Water Use Balance Sheet

Industrial Process Producing Wastewater	Fate of Process Wastewater										
	Direct Discharge To				To On-Site Treatment Facility Followed by Discharge					Evaporation gpd	Total gpd
	Sanitary Sewer gpd	Storm Sewer gpd	Surface Water Course		Sanitary Sewer gpd	Storm Sewer gpd	Surface Water Course gpd	Recycle gpd			
			Discharge gpd	Water Course Name							
Domestic											
Process											
Cleaning or Rinse											
Cooling											
Cooling Tower Discharge											
Other (Boiler Blowdown, etc.)											
Totals											

E. Pollutant Measurement Data

1. Has the industry ever conducted sampling and analysis of process waste?

_____ Yes _____ No

2. If yes, identify sampling location(s)

3. Please provide a record of sampling events on next page.

3. The following substances have been identified as being harmful or toxic and are regulated by the Sewer Use Ordinance and/or categorical Pretreatment Standards. Indicate which substances are present in the proposed waste discharge and in what concentrations. Sampling and analysis shall be in accordance with procedures established by the (U.S. EPA) and should be certified by a qualified chemist.

<u>Substance</u>	<u>Average Daily Concentration</u> (mg/l)	<u>Average Daily Loading</u> (Pounds/Day)	<u>Maximum Daily Concentration</u> (mg/l)
Arsenic	_____	_____	_____
Barium	_____	_____	_____
Cadmium	_____	_____	_____
Chromium, (Total)	_____	_____	_____
Chromium ⁺⁶	_____	_____	_____
Copper	_____	_____	_____
Iron	_____	_____	_____
Lead	_____	_____	_____
Mercury	_____	_____	_____
Nickel	_____	_____	_____
Phenol	_____	_____	_____
Selenium	_____	_____	_____
Silver	_____	_____	_____
Chloride	_____	_____	_____
Cyanide	_____	_____	_____
Other Priority Pollutants*	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

* Refer to list of priority pollutants.

4. The following substances may be compatible with the treatment process. Indicate which substances are present in the proposed waste discharge and in what concentration. Sampling and analysis shall be in accordance with procedures established by the U.S. EPA and should be certified by a qualified chemist.

	Average Daily Concentration <u>(mg/l)</u>	Average Daily Loading <u>(Pounds/Day)</u>	Maximum Daily Concentration <u>(mg/l)</u>
BOD (biochemical oxygen demand)	_____	_____	_____
SS (suspended solids)	_____	_____	_____
P (phosphorus)	_____	_____	_____
NH ₃ (ammonia nitrogen)	_____	_____	_____
Oil and Grease	_____	_____	_____
COD (chemical oxygen demand)	_____	_____	_____
pH	_____	_____	_____
Dissolved Oxygen	_____	_____	_____

5. Is compliance with the Sewer Use Ordinance and/or Categorical Pretreatment Standards being achieved for all substances listed in Section 3 and 4?

_____ Yes

_____ No

Attach a signed statement by a qualified engineer testifying to this fact.

If no, will additional operation and maintenance and/or pretreatment be required to comply?

_____ Yes

_____ No

F. Residuals

Residuals include any material-liquid, sludge, slurry, ash, solid-which must be disposed of after use in or removal from an industrial activity, but not discharged to the County's sewer system.

1. Cleaning solvents which are recycled but periodically changed to provide fresh material.
2. Machining coolants which are recycled but periodically changed to provide fresh material.
3. Sludges which result from wastewater pretreatment.
4. Unusual product
5. Metal shavings from a grinding operation

Describe any liquid, sludge, or solid waste generated from plant operations, including pretreatment of wastewaters which are not discharged to the sanitary sewer.

	<u>Residual</u>	<u>Means of Disposal</u>
a.	_____	_____
b.	_____	_____
c.	_____	_____
d.	_____	_____
e.	_____	_____

Are oil and grease or sand interceptors in place?

_____ Yes _____ No In plans _____

Are backflow devices in place?

_____ Yes _____ No In plans _____

G. Plans

Include with this disclosure form a copy of the general site plans. All sewers, sewer connections, inspection manholes, and sampling facilities, including appurtenances by size, location, and elevation must be shown. Indicate the location of discharge from various processes into the plant gravity plumbing system. Also include a plan and profile sheet of all sanitary sewers to which the plant is connected indicating the location of the connection of the plant lateral to the collector sewer shown.

H. Does your facility have a Spill Prevention Control Countermeasure Control Plan?

_____ Yes _____ No

Describe spill detection, persons notified, and methods of isolating spill in plant drainage system, companies that can pump out spill, haul, and dispose of it.

I. Compliance Schedule

Describe the status of wastewater treatment at your own company in regard to meeting Categorical Pretreatment Standards.

Provide a schedule of expected compliance dates

Pretreatment Facility Planning	_____	(month/year)
Design	_____	(month/year)
Initiate Construction	_____	(month/year)
Complete Construction	_____	(month/year)
Other Relevant Dates	_____	(month/year)

J. Certification

The information contained in this questionnaire is familiar to me, and to the best of my knowledge and belief, such information is true, complete, and accurate.

Signature of Officer or Owner

Title

Date

Signature of Qualified Engineer

Title

Date

129 Priority Pollutants

2, 4, 6 TRICHLOROPHENOL
P CHLORO-M-CRESOL
2-CHLOROPHENOL
2, 4 DICHLOROPHENOL
2, 4 DIMETHYLPHENOL
2-NITROPHENOL
4-NITROPHENOL
2, 4-DINITROPHENOL
4, 6-DINITRO-O-CRESOL
PENTACHLOROPHENOL
PHENOL
ACENAPHTENE
BENZIDINE
1, 2, 4-TRICHLOROENZENE
HEXACHLOROENZENE
HEXACHLOROETHANE
BIS (2-CHLOROETHYL) ETHER
2-CHLORONAPHTHALENE
1, 2-DICHLOROENZENE
1, 3-DICHLOROENZENE
1, 4-DICHLOROENZENE
3, 3-DICHLOROENZIDINE
2, 4-DINITROTOLUENE
2, 6-DINITROTOLUENE
1, 2-DIPHENYLHYDRAZINE
FLOURANTHENE
4-CHLOROPHENYL PHENYL ETHER
4-BROMOPHRNYL PHENYL ETHER
BIS (2-CHLOROISOPORPYL) ETHER
BIS (2-CHLOROETHOXY) ETHER
HEXACHLOROBUTADIENE
HEXACHLOROCYCLOPENTADIENE
ISOPHORONE
NAPHTHALENE
NITROENZENE
N-NITROSODIMETHYLAMINE
N-NITROSODIPHENYLAMINE
N-NITROSODI-N-PROPYLAMINE
BIS (2-ETHYLHEXYL) PHTHALATE
BUTYL BENZYL PHTHALATE
DI-N-BUTYL PHTHALATE
DI-N-OCTYL PHTHALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
BENZO (A) ANTHRACENE
BENZO (A) PYRENE
3, 4-BENZOFLUORANTHENE
BENZO (K) FLUOROANTHENE
CHRYSENE
ACENAPHTHYLENE
ANTHRACENE
BENZO (GHI) PERYLENE
FLOURENE
PHENANTHRENE
DIBENZO (A, H) ANTHRACENE
INDENO (1,2,3-CD)PYRENE
PYRENE
ACROLEIN
ACROLONITRILLE
BENZENE
CARBON TETRACHLORIDE
CHLOROENZENE
METHYL BROMIDE
1, 2-DICHLOROETHANE
1,1,1-TRICHLOROETHANE
1,1-DICHLOROETHANE
1,1,2-TRICHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
CHLOROETHANE
2-CHLOROETHYL VINYL ETHER
CHLOROFORM
1,1-DICHLOROETHANE
1,1-TRANS-DICHLOROETHANE
1,2-DICHLOROPROPANE
CIS-1,3-DICHLOROPROPYLENE
ETHYLBENZENE
METHYLENE CHLORIDE
METHYL CHLORIDE
BROMOFORM
DICHLOROBROMOETHANE
TRICHLOROFLOUROMETHANE
CHLORODIBROMOMETHANE
TETRACHLOROETHYLENE
TOLUENE
TRICHLOROETHENE
VINYL CHLORIDE
TOTAL XYLENES
ALDRIN
DIELDRIN
CHLORDANE
4,4-DDT
4,4-DDE
4,4-DDD
ALPHA ENDOSULFAN
BETA ENDOSLFAN
ENDOSULFAN SULFATE
ENDRIN
ENDRINE ALDEHYDE
HEPTACHLOR
HEPTACHLOR EPOXIDE

129 Priority Pollutants (continued)

ALPHA BHC
BETA BHC
PCB 1242
LINDANE - GAMMA BHC
DELTA BHC
PCB 1254
PCB 1221
PCB 1232
PCB 1248
PCB 1260
PCB 1016
TOXAPHENE
METHOXYCHLOR
ANTIMONY (T)
ARSENIC (T)
ASBESTOS (FIBROUS)
BERYLLIUM (T)
CADMIUM (T)
CHROMIUM (T)
COPPER (T)
CYANIDE (T)
LEAD (T)
MERCURY (T)
NICKEL (T)
SELENIUM (T)
SILVER (T)
THALLIUM (T)
ZINC (T)
2, 3, 7, 8-TETRACHLORO DIBENZO-P-DIOXIN (TCDD)