

Industrial Waste Discharge Questionnaire/Permit Application/Permit Renewal

Notice to Industry Officials: Federal Regulation (40 CFR, part 403.8) requires that the Clermont County Water Resources Department implement a program to monitor and control the discharge of inimical industrial wastes into its sewer system. In order to develop that program, it is necessary to determine what types of industrial wastes are being discharged into the County's sewers.

This questionnaire deals with the disclosure of the nature of industrial wastes being discharged to the sanitary sewers. Disclosure is required by Section 6111.05 of the Ohio Revised Code, and Section 403.12 of title 40 of the Code of Federal Regulations. Your cooperation in providing the requested information will be appreciated. Typing your responses will be greatly appreciated.

Please complete this questionnaire and return it to:
Clermont County Water Resources
Shannon Risner, IWPT Manager
1003 US 50
Milford, OH 45150

In accordance with 40 CFR, part 403.14, information relating to the nature and frequency of industrial waste discharges shall be made available to the public upon request. 40 CFR, Part 2 provides that certain types of information may be afforded confidential status, if requested. Requests for confidential status must be made to Ohio EPA.

SECTION A - GENERAL INFORMATION

1. Company Name: _____

<u>Mailing Address</u> Street/PO Box _____ City _____ State _____ Zip _____

<u>Facility Address (if different from mailing address)</u> Street: _____ City _____ State _____ Zip _____
--

<u>Address of Corporate Headquarters (if applicable):</u> Street/PO Box _____ City _____ State _____ Zip _____
--

2. **Name and Title of Signing Official:** _____

Telephone No. _____ Email address: _____

Alternate person to contact concerning information provided herein:

Name and Title: _____

Telephone No. _____ Email address: _____

For office use only

SIC	FLOW	CAT	
-----	------	-----	--

SECTION C - WATER USAGE

1. Water Sources: (Check as many as are applicable)

___Clermont County Water Dept. ___Private Well ___Surface Water

___Municipal Water Service (Specify):_____ ___Other (Specify):_____

2. Customer name on water bill:_____

3. Water service account number:_____

4. If water is supplied by landlord, give name and address of landlord:

Name:_____

Street:_____

City & State:_____ Zip Code:_____

5. As applicable, list average water usage on premises:

Type	Estimated Average Water Usage (gallons per day)	Type	Estimated Average Water Usage (gallons per day)
a. Cooling Water		e. Facility & Equipment Washdown	
b. Boiler Feed		f. Irrigation & Lawn Watering	
c. Process		g. Other (Specify):	
d. Sanitary		h. Total of a, through g.	

6. As applicable, list average volume of discharge or water losses to:

Outlet	Estimated Average Discharge (gallons per day)	Outlet	Estimated Average Discharge (gallons per day)
a. County/Municipal Sewer		e. Evaporation	
b. Storm Sewer, Surface Watercourse, Impoundment		f. Contained in Product	
c. Waste Haulers		g. Other (Specify):	
d. Septic Tank/Leaching System		h. Total of a, through g.	

SECTION D - FACILITY OPERATIONAL CHARACTERISTICS

1. Shift information:

Shift	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 st							
2 nd							
3 rd							

a. Average number of employees per shift: 1st _____ 2nd _____ 3rd _____

b. Shift start times: 1st _____ 2nd _____ 3rd _____

2. Is operation subject to seasonal variations: Yes () No ()

If yes, indicate: _____

a. Seasonal maximum waste flow _____ gallons per day during months of

b. Seasonal minimum waste flow _____ gallons per day during months of

3. Does operation shut down for vacation, maintenance, or other reasons? Yes () No ()

a. If yes, indicate period when shutdown occurs: _____

4. Are major processes: () Batch () Continuous () Both
 _____% Batch _____% Continuous

a. Average number of batches per work day: _____

5. Are any process changes or expansions planned during the next three (3) years that would alter wastewater volumes or characteristics? Consider production processes, as well as air or water pollution processes.

() Yes () No

Briefly describe these changes and their effects on the wastewater volume and characteristics: (Attach additional sheets if needed. _____)

6. Are any process waste materials or water reclamation systems in use or planned?

() Yes () No (If no, skip item 7.)

7. Briefly describe recovery process, substance recovered, percent recovered, and constituents and concentrations, in the spent solution. Submit a flow diagram for each process: (Attach additional sheets if needed. _____)

8. Does your company have a written plan to prevent, contain, and enact countermeasures to any potential of a Spill, Leak or "Slug" discharge?

i. Yes No

If YES, what is the title of the plan and the date of the most recent update:

- ii. Does your company have a Resource Conservation and Recovery Act (RCRA) ID number? Yes No If YES, what is the number? _____

9. Does your company possess any environmental permits? Yes No
If so, list permit number, effective dates, and issuing agency:

SECTION E - WASTEWATER INFORMATION

1. Is the building presently connected to the public sanitary sewer system?

Yes No

2. Do you have floor drains in your manufacturing or chemical storage area(s)?

Yes No

3. Does this facility discharge any wastewater other than from restrooms, cafeterias, or non-contaminated cooling water?

Yes

If the answer to this question is yes, complete the remainder of the application.

No

If the answer to this question is no, you may skip to Section H.

4. On-Site Sewer Information. Attach scaled drawings of your facility showing the location of all sewers. Assign a sequential reference number to each sewer starting with number one. Also, show location of possible sampling points for these sewers and sampling points for wastewater discharges. For reference and field orientation, buildings, streets, alleys, and other pertinent physical structures should be included.

5. By reference number, list size, descriptive location and flow of each sewer shown in item E-4. (If more than three, attach additional information on another sheet_____.)

Reference Number	Sewer Size (in.)	Descriptive Location of Sewer Connection or Discharge Point	Estimated Average Flow (gallons per day)
1.			
2.			
3.			

6. Please indicate the quantities discharged from the activities indicated below in units of gallons per day. (Refer to Section C, items 5, 6, and 7). The quantities are to be given for each sewer receiving the discharge. Place an asterisk on any outfall discharging to a storm drain or surface course and give the NPDES Permit Number.

Type	Discharge Quantity by Sewer Referenced in E-3						Total (refer to C-5,6&7)
	1.	2.	3.				
Process (from C-7):							
a.							
b.							
c.							
Sanitary							
Boiler							
Cooling/Uncontaminated Water							
Facility and Equipment Wash-down							
Air Pollution Control Liquid Waste							
Other (Specify):							
Total (Refer to E-4)							
*NPDES Permit Number							

SECTION F - PRETREATMENT

1. Is any form of pretreatment practiced at this facility? (See list below)
 Yes No

For all waste streams which are treated before discharge, check the appropriate boxes for types of pretreatment used at this facility:			
	Air flotation		Grit removal
	Biological treatment, type:		Ion exchange
	Chemical precipitation		Neutralization, pH correction
	Chlorination		Ozonation
	Cyclone		Reverse osmosis
	Filtration		Septic tank
	Grit removal		Screen
	Sedimentation		Sedimentation
	Flow equalization		Solvent separation
	Filtration		Sump
	Flow equalization		Other chemical treatment, type:
	Grease or oil separation, Type:		Other physical treatment, type:
	Grease trap		Other, specify:
	Grinding filter		

2. Is any form of pretreatment planned for this facility within the next three (3) years?
 Yes No
 If yes, please specify: _____

3. Please furnish a process flow diagram for the facility and for each existing or planned pretreatment system. Include process equipment, by-product disposal method, concentrations, waste and by-product volumes, design and operating conditions.
 - i. Number of attached sheets/diagrams _____

SECTION G - CHARACTERISTICS OF WASTEWATERS DISCHARGED

1. Does your wastewater discharge to the County sewers contain any of the following:

	No	Possibly	Yes
a. Materials of a flammable nature.			
b. Volatile materials that might combust explosively in an enclosed space.			
c. Corrosive materials.			
d. Materials causing the wastewater pH to fall below 5.0 pH units.			
e. Materials causing the wastewater pH to increase above below 10.0 pH units.			
f. Materials of a solid or viscous nature that might obstruct or reduce sewer flows			
g. Materials which might interfere with wastewater treatment processes.			
h. Excessive heat (discharge temperature exceeds 120 degrees F).			

2. Place a checkmark next to the substances contained in your wastewater.

- | | |
|--|---|
| <input type="checkbox"/> acids and acidic wastes | <input type="checkbox"/> cadmium containing wastes |
| <input type="checkbox"/> alkali and caustic wastes | <input type="checkbox"/> chromium containing wastes |
| <input type="checkbox"/> pickling wastes | <input type="checkbox"/> copper containing wastes |
| <input type="checkbox"/> other metal cleaning and preparation wastes | <input type="checkbox"/> lead containing wastes |
| <input type="checkbox"/> plating wastes | <input type="checkbox"/> nickel containing wastes |
| <input type="checkbox"/> electrocoating wastes | <input type="checkbox"/> zinc containing wastes |
| <input type="checkbox"/> paints | <input type="checkbox"/> mercury containing wastes |
| <input type="checkbox"/> pigments | <input type="checkbox"/> molybdenum containing wastes |
| <input type="checkbox"/> inks | <input type="checkbox"/> arsenic containing wastes |
| <input type="checkbox"/> dyes, coloring agents | <input type="checkbox"/> selenium containing wastes |
| <input type="checkbox"/> oils | <input type="checkbox"/> siloxane containing wastes |
| <input type="checkbox"/> fats, grease | <input type="checkbox"/> hot wastes |
| <input type="checkbox"/> benzene, and benzene derivatives | <input type="checkbox"/> radioactive wastes |
| <input type="checkbox"/> chlorinated organic compounds | <input type="checkbox"/> phthalate esters |
| <input type="checkbox"/> brominated organic compounds | <input type="checkbox"/> soaps, surfactants, detergents |
| <input type="checkbox"/> organic solvents, thinners ----- | <u>List each solvent below:</u> |
| <input type="checkbox"/> latex wastes | _____ |
| <input type="checkbox"/> resins, monomers | _____ |
| <input type="checkbox"/> waxes | _____ |
| <input type="checkbox"/> phenol containing wastes | _____ |
| <input type="checkbox"/> alcohols | _____ |
| <input type="checkbox"/> ethers | _____ |
| <input type="checkbox"/> aldehydes, ketones | _____ |
| <input type="checkbox"/> organic acids | _____ |

Appendix A to 40 CFR, Part 423--126 Priority Pollutants

001 Acenaphthene	048 Dichlorobromomethane	091 Chlordane (technical mixture and metabolites)
002 Acrolein	051 Chlorodibromomethane	092 4,4-DDT
003 Acrylonitrile	052 Hexachlorobutadiene	093 4,4-DDE (p,p-DDX)
004 Benzene	053 Hexachloromyclopentadiene	094 4,4-DDD (p,p-TDE)
005 Benzidine	054 Isophorone	095 Alpha-endosulfan
006 Carbon tetrachloride (tetrachloromethane)	055 Naphthalene	096 Beta-endosulfan
007 Chlorobenzene	056 Nitrobenzene	097 Endosulfan sulfate
008 1,2,4-trichlorobenzene	057 2-nitrophenol	098 Endrin
009 Hexachlorobenzene	058 4-nitrophenol	099 Endrin aldehyde
010 1,2-dichloroethane	059 2,4-dinitrophenol	100 Heptachlor
011 1,1,1-trichloroethane	060 4,6-dinitro-o-cresol	101 Heptachlor epoxide (BHC-hexachlorocyclohexane)
012 Hexachloroethane	061 N-nitrosodimethylamine	102 Alpha-BHC
013 1,1-dichloroethane	062 N-nitrosodiphenylamine	103 Beta-BHC
014 1,1,2-trichloroethane	063 N-nitrosodi-n-propylamin	104 Gamma-BHC (lindane)
015 1,1,2,2-tetrachloroethane	064 Pentachlorophenol	105 Delta-BHC (PCB-polychlorinated biphenyls)
016 Chloroethane	065 Phenol	106 PCB-1242 (Arochlor 1242)
018 Bis(2-chloroethyl) ether	066 Bis(2-ethylhexyl) phthalate	107 PCB-1254 (Arochlor 1254)
019 2-chloroethyl vinyl ether (mixed)	067 Butyl benzyl phthalate	108 PCB-1221 (Arochlor 1221)
020 2-chloronaphthalene	068 Di-N-Butyl Phthalate	109 PCB-1232 (Arochlor 1232)
021 2,4, 6-trichlorophenol	069 Di-n-octyl phthalate	110 PCB-1248 (Arochlor 1248)
022 Parachlorometa cresol	070 Diethyl Phthalate	111 PCB-1260 (Arochlor 1260)
023 Chloroform (trichloromethane)	071 Dimethyl phthalate	112 PCB-1016 (Arochlor 1016)
024 2-chlorophenol	072 1,2-benzanthracene (benzo(a)anthracene)	113 Toxaphene
025 1,2-dichlorobenzene	073 Benzo(a)pyrene (3,4-benzo-pyrene)	114 Antimony
026 1,3-dichlorobenzene	074 3,4-Benzofluoranthene (benzo(b)fluoranthene)	115 Arsenic
027 1,4-dichlorobenzene	075 1,1,12-benzofluoranthene (benzo(b)fluoranthene)	116 Asbestos
028 3,3-dichlorobenzidine	076 Chrysene	117 Beryllium
029 1,1-dichloroethylene	077 Acenaphthylene	118 Cadmium
030 1,2-trans-dichloroethylene	078 Anthracene	119 Chromium
031 2,4-dichlorophenol	079 1,12-benzoperylene (benzo(ghi)perylene)	120 Copper
032 1,2-dichloropropane	080 Fluorene	121 Cyanide, Total
033 1,2-dichloropropylene (1,3-dichloropropene)	081 Phenanthrene	122 Lead
034 2,4-dimethylphenol	082 1,2,5,6-dibenzanthracene (dibenzo(h)anthracene)	123 Mercury
035 2,4-dinitrotoluene	083 Indeno (1,2,3-cd) pyrene (2,3-o-pheynylene pyrene)	124 Nickel
036 2,6-dinitrotoluene	084 Pyrene	125 Selenium
037 1,2-diphenylhydrazine	085 Tetrachloroethylene	126 Silver
038 Ethylbenzene	086 Toluene	127 Thallium
039 Fluoranthene	087 Trichloroethylene	126 Silver
040 4-chlorophenyl phenyl ether	088 Vinyl chloride (chloroethylene)	128 Zinc
041 4-bromophenyl phenyl ether	089 Aldrin	129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD)
042 Bis(2-chloroisopropyl) ether	090 Dieldrin	
043 Bis(2-chloroethoxy) methane		
044 Methylene chloride (dichloromethane)		
045 Methyl chloride (dichloromethane)		
046 Methyl bromide (bromomethane)		
047 Bromoform (tribromomethane)		

3. Listed above are 129 pollutants that are considered toxic and/or hazardous by the USEPA (40 CFR Part 423, Appendix A). Please indicate in the spaces provided whether any of these chemicals are used at your facility, directly or as component of process materials, or are present in the wastewater discharged. If the concentration is not known, indicate by marking unknown. Attach additional pages if necessary.

Section G Pollutants			In Process or Wastewater				
Item No.	Chemical Name (Alternate name)	Annual Usage (lbs.)	Discharge Concentration	Present in Process Materials	Present as Generated By-Product	Suspected to be Present	Known to be Present

4. If your company is regulated by Electroplating (40 CFR 413), Metal Finishing (4 CFR 433) or Electrical and Electronic Component Manufacturing (40 CFR 469) and you are interested submitting a Total Toxic Organics (TTO) management plan in lieu of periodic monitoring, please attach this plan for review. If this plan is accepted by the control authority, it must be updated every 3 years and your company must submit a statement (to be included with periodic monitoring reports) certifying that concentrated toxic organics have not been discharged during the reporting period and that the facility is implementing its toxic organics management plan. (TTO Plan attached _____)

SECTION H – AUTHORIZED SIGNATURES: 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.

NAME: _____ TITLE: _____

SIGNATURE DATE PHONE

Please note that this statement must be signed by the duly authorized representative of the Industrial User in accordance with 40 CFR 403.12.

References:

National Pollutant Discharge Elimination System (NPDES)

<https://www.epa.gov/npdes/national-pretreatment-program#overview>

State of Ohio Administrative Code- Chapter 3745-3-03 POTW pretreatment programs

http://epa.ohio.gov/dsw/rules/3745_3.aspx

Clermont County - Industrial Pretreatment Program Information and Links:

<http://wrd.clermontcountyohio.gov/industrial-pretreatment/>

Clermont County Water Resources Department - Rules and Regulations:

<http://wrd.clermontcountyohio.gov/standards-and-provisions/>

State of Ohio Administrative Code- Chapter 3745-3-03 POTW pretreatment programs

http://epa.ohio.gov/dsw/rules/3745_3.aspx

Chapter 3745-3-06 Reporting requirements for industrial users.

-3745-3-06(B) - Baseline Monitoring Reports

All industrial users subject to Categorical Pretreatment Standards, such as electroplaters and metal finishers, must submit a baseline monitoring report (BMR) to the Control Authority within 180 days of the effective date of the categorical pretreatment standard, or 180 days after the final administrative decision made upon a category determination submission whichever is later.. The purpose of the BMR is to provide information to the Control Authority to document the industrial user's current compliance status with a Categorical Pretreatment Standard.

-3745-3-06(D) – Initial compliance report

Report due by industrial user subject to Categorical Pretreatment Standards, containing a reasonable measure of the user's long-term production rate.

-3745-3-06(E) – Periodic compliance monitoring reports.

Industrial user subject to Categorical Pretreatment Standards must submit Self monitoring report due in the months of June and December to Clermont County's IWPT Manger.

Please contact Clermont County's IWPT Manager, at (513)965-4800 if you have question on reporting requirements.

Please mail forms to: Clermont County Water Resources
Shannon Risner, IWPT Manager
1003 US 50
Milford, OH 45150