

City of Shepherdsville

P.O. Box 400
634 Conestoga Parkway
Shepherdsville, KY 40165

INDUSTRIAL USER WASTEWATER PERMIT APPLICATION

SECTION A - GENERAL INFORMATION

A.1(a) Facility Name _____

A.1(b) Operator Name (if different) _____

A.2 Standard Industrial Classification (SIC) Code(s) _____, _____, _____

A.3 Mailing Address _____

Street/P.O. Box

City

State

Zip Code

A.4 Facility Address (if different) _____

Street/P.O. Box

City

State

Zip Code

A.5 Facility Contact _____

Name/Title

Email

Area Code - Telephone - Extension

A.6 Signatory Official _____

Name/Title

Street/P.O. Box

City

State

Zip Code

I certify under penalty of law that this document and all attachments were prepared under my 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.

Signature

Date

Title

Phone

SECTION B - FACILITY INFORMATION

B.1 List number of days plant operates per week, including cleanup and maintenance: _____ days

B.2 List number of hours per shift plant is in operation:
1st Shift _____ 2nd Shift _____ 3rd Shift _____

B.3 List number of employees per shift:
1st Shift _____ 2nd Shift _____ 3rd Shift _____

B.4 For a new business:
Will you be occupying a new building? _____ Yes _____ No
If no, will you be renovating/occupying a vacant building? _____ Yes _____ No

B.5 List number of sewer connections and line size for each: _____

B.6 List principal raw materials and/or chemicals used or stored on site (include copies of all MSDS sheets). Attach sheets if necessary.

B.7 Industry Type: _____

B.8 Briefly describe all operations and/or processes conducted at this facility: _____

B.9 Principle Product(s) Produced: _____

B.10 Production Rate (in units per year) if applicable _____

B.11 List all water sources (check all that are applicable):
 Private well Municipal Water Utility (Specify City): _____
 Surface water Other (Specify): _____

B.12 List average water usage on premises in gallons per day (New facilities may estimate):

Contact cooling water:	_____
Non-contact cooling water:	_____
Process:	_____
Sanitary:	_____
Boiler Feed:	_____
Equipment washdown:	_____
Other (describe):	_____
Total:	_____

B.13 Does this facility discharge wastewater other than from restrooms to the sanitary sewer?
 Yes – If yes, complete the remainder of this application.
 No – Sign application and submit.

B.14 Is process wastewater discharge from your processes: Continuous____ Batch_____

B.15 If batch, indicate: Day/Time of discharges:_____

No./Day_____ Average gallons per batch:_____

B.16 Is this facility regulated as categorical (i.e. under federal limits)?

[] YES Category: 40 CFR_____

[] NO

B.17 Does this facility have a Toxic Organics Management Plan?

[] YES

[] NO

B.18 Describe any seasonal variation that effects the volume or characteristics of the wastewater discharge: _____

B.19 Are any changes or expansions planned during the next three (3) years that would alter wastewater volumes or characteristics? [] YES [] NO

If Yes, Describe _____

B.20 Briefly describe any maintenance, cleanup, or operational variations and frequency of occurrence that may result in an unusual discharge volume or composition: _____

B.21 Are any water reclamation/reuse/recycle systems in use or planned?

() Yes - please describe and include a flow diagram.

() No

B.22 Please attach a schematic of your facility site to include all main buildings discharging wastewater, identification of wastestream(s), point(s) of connection to the city sewer, and possible monitoring point(s).

B.23 General remarks you would like to make: _____

SECTION C - MONITORING INFORMATION

C.1. Date of most recent laboratory analysis: _____

C.2. Name and address of laboratory performing self-monitoring analysis: _____

C.3. Frequency of past sampling (i.e. daily, weekly, monthly, etc.): _____

C.4. Sampling point location: _____

C.5 Please attach a copy of the most recent laboratory analytical results and Chain-of-Custody.

C.6 Are provisions made for measuring and sampling the process discharge (i.e. monitoring manhole, sampler, flowmeter, etc.)?

YES (Please attach a brief description of equipment.)

NO

SECTION D - PHYSICAL AND CHEMICAL WASTEWATER PROCESSES

D.1 Is any pretreatment process utilized to treat any or all portions of the process wastewater discharged: YES NO

If **YES**, please attach a flow diagram, description of the complete pretreatment process, contaminants removed by the process, age of the pretreatment units, and chemicals used in the process. Also describe the method of storage, disposal of contaminants removed, and ultimate disposal site.

D.2 Based on sampling results is this facility consistently meeting local, state, and/or federal pretreatment limits for all regulated processes? YES NO

If NO, please indicate parameters not being met and indicate reason for non-compliance.

D.3 Will additional pretreatment and/or operations and maintenance be required for your facility to meet pretreatment standards? YES NO

If YES, please explain and attach schedule of compliance toward meeting pretreatment standards.

D.4 List all treatment devices, systems and/or processes used or proposed for treating the process wastewater (check all that apply):

- Dissolved air flotation (DAF) Centrifuge Chemical Precipitation
- Flow equalization Biological pH adjustment
- Oil/water separator Grease trap Reverse osmosis
- Settling/Clarification Screening Filtration
- Other:

D.5 Include a schematic of the treatment process(es) used or proposed for treating the process wastewater.

D.6 Do you have a treatment system operator? () Yes () No

If yes: Name - _____

Email - _____ Phone - _____

Hours - _____ Title - _____

Certification #/Class - _____

D.7 If any toxic chemicals are used, as referenced in Section 307(a) (attached) of the Clean Water Act of 1977, please submit a list of those chemicals, particular use, and quantity used per month. Also submit copies of the Safety Data Sheets (SDS) for those chemicals utilized.

SECTION E – SPILL PREVENTION AND CONTAINMENT / HAZARDOUS WASTE

E.1 Is there an existing Spill Prevention and Control Plan for this facility?

[] YES (Please attach a copy with this questionnaire.)

[] NO

[] N/A (Not applicable since there are no floor drains and/or facility discharges only domestic wastewater.)

E.2 Have you registered with or been issued a Hazardous Waste Generator Handler/Storage Permit by the Kentucky Division of Waste Management or other environmental control permits by any other agency?

[] NO

[] YES (If YES, include permit number, date of issue, final disposition of waste, and other pertinent information.)

Permit Type: _____

Permit No.: _____

Date of Issue: _____

E.3 Please specify your Hazardous Waste Generator classification.

- Conditionally Exempt
- Small Quantity
- Large Quantity

E.4 Please describe all chemical and hazardous waste storage areas in your facility and their location(s).

E.5 Are floor drains located in any chemical or hazardous waste storage areas?

- Yes No

E.6 Are any waste liquids or sludges generated and **not** disposed of in the sanitary sewer system?

- Yes – please describe below. No

<u>Waste generated</u>	<u>Quantity</u>	<u>Disposal Method</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

E.7 If an outside firm removes any of the above-listed wastes, list the name(s) and address(es) of all waste haulers:

SECTION F – CHARACTERISTICS OF WASTEWATER DISCHARGE

F.1 Please indicate the pollutants that are or could be expected to be present in the wastewater discharge from your facility by checking the appropriate boxes next to the pollutant:

Volatile Compounds	Present	Absent	Used But Not Discharged
Acrolein			
Acrylonitrile			
Benzene			
Bromoform			
Carbon Tetrachloride			
Chlorobenzene			
Chloroethane			
Chlorodibromomethane			
Chloroform			
Dichlorobromomethane			
2-Chloroethylvinyl Ether			
1,1-Dichloroethane			
1,2-Dichloroethane			
1,1-Dichloroethylene			
1,2-Dichloroethylene			

Volatile Compounds	Present	Absent	Used But Not Discharged
1,2-Dichloropropane			
1,3-Dichloropropylene			
Ethylbenzene			
Methyl Bromide			
Methylene Chloride			
Methyl Chloride			
Vinyl Chloride			
1,1,2-Trichloroethane			
1,1,2,2-Tetrachloroethane			
1,1,1-Trichloroethane			
Tetrachloroethylene			
Trichloroethylene			
Toluene			
Acid Compounds	Present	Absent	Used But Not Discharged
Chlorophenol			
2,4-Dichlorophenol			
2,4-Dimethylphenol			
2,4-Dinitrophenol			
4-Nitrophenol			
Pentachlorophenol			
2,4,6-Trichlorophenol			
4,6-Dinitro-O-Cresol			
2-Nitrophenol			
P-Chloro-M-Cresol			
Phenol			
Total Phenols (by 4AAP)			

Metals and Cyanide	Present	Absent	Used But Not Discharged
Antimony			
Arsenic			
Beryllium			
Cadmium			
Chromium, Total			
Chromium, Hexavalent			
Copper			
Iron			
Lead			
Mercury			
Molybdenum			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Cyanide, Amenable			
Cyanide, Total			
Base/Neutral Compounds	Present	Absent	Used But Not Discharged
Acenaphthene			
Acenaphtylene			
Anthracene			
Benzidine			
Benzo(a)Anthracene			
Benzo(a)Pyrene			
Benzo(b)Fluoranthene			

Base/Neutral Compounds	Present	Absent	Used But Not Discharged
Benzo(ghi)Perylene			
Benzo(k)Fluoranthene			
Bis(2-Chloroethoxy)Methane			
Bis(2-Chloroethyl)Ether			
Bis(2-chloroisopropyl)Ether			
Bis(chloromethyl)Ether			
4-Bromophenyl Phenyl Ether			
Bis(2-Ethylhexyl)Phthalate			
2-Chloronaphthalene			
Butyl Benzyl Phthalate			
Chrysene			
4-Chlorophenyl Phenyl Ether			
Dibenzo(a,h)Anthracene			
1,2-Dichlorobenzene			
1,4-Dichlorobenzene			
1,3-Dichlorobenzene			
3,3-Dichlorobenzidine			
Diethyl Phthalate			
Dimethyl Phthalate			
Di-N-Butyl Phthalate			
Di-N-Octyl Phthalate			
2,4-Dinitrotoluene			
2,6-Dinitrotoluene			
1,2-Diphenylhydrazine			
Fluoranthene			
Fluorene			

Base/Neutral Compounds	Present	Absent	Used But Not Discharged
Hexachlorobenzene			
Hexachlorocyclopentadiene			
Hexachlorobutadiene			
Hexachloroethane			
Indeno(1,2,3-cd)Pyrene			
Isophorone			
Naphthalene			
Nitrobenzene			
N-Nitrosodimethylamine			
N-Nitrosodiphenylamine			
N-Nitrosodi-N-Propylamine			
Phenanthrene			
Pyrene			
1,2,4-Trichlorobenzene			
Pesticides and Misc	Present	Absent	Used But Not Discharged
Aldrin			
Alpha-BHC			
Beta-BHC			
Gamma-BHC			
Delta-BHC			
Chlordane			
4,4' DDT			
4,4' DDE			
4,4'-DDD			
Dieldrin			
Alpha-endosulfan			

Pesticides and Misc	Present	Absent	Used But Not Discharged
Beta-Endosulfan			
Endosulfan Sulfate			
Endrin			
Endrin Aldehyde			
Heptachlor			
Heptachlor Epoxide			
Toxaphene			
Asbestos			
Ammonia-nitrogen			
Phosphorus, Total as P			
Orthophosphate			
Phosphates			
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (TCDD)			