

**Industrial User Wastewater  
Permit Application**

**CITY OF ELIZABETHTON  
WASTEWATER DEPARTMENT**

**PRETREATMENT PROGRAM**

**INDUSTRIAL  
DISCHARGE  
APPLICATION**



**WASTEWATER  
PERMIT**

**2011  
CITY OF ELIZABETHTON  
WASTEWATER DEPARTMENT**

**Industrial User Wastewater  
Permit Application**

**PRETREATMENT PROGRAM**

**GOALS:**

- To be of service to our business and industrial community.
- To manage risk to the publicly owned treatment works and wastewater collection system.
- To promote equity in the management of the environmental aspects of business in the community.
- To rely mainly on cooperation and negotiation to satisfy City, State and Federal requirements.

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**CITY OF ELIZABETHTON  
WASTEWATER DEPARTMENT**

**Industrial User Wastewater  
Permit Application**

**INDUSTRIAL WASTEWATER DISCHARGE  
PERMIT APPLICATION**

**Table of Contents:**

<b><u>Section</u></b>	<b><u>Title</u></b>	<b><u>Page(s)</u></b>
Section I	Cover Page.	1
Section II	Applicant and Facility Description.	2-4
Section III	Water Supply, Use and Disposal Worksheet.	5
Section IV	Pretreatment Facilities.	6
Section V	Categorical Information.	7-8
Section VI	Wastewater Pollutant Checklist.	9-11
Section VII	Data Summary Form.	12

# Industrial User Wastewater Permit Application

## Section I COVER PAGE

Company Name:					
Name of responsible person on site at the facility authorized to represent the company in official dealings with the Sewer Authority and/or the City.			Name of alternative on site person familiar with the day to day operations, environmental permitting requirements, monitoring, record keeping, and data management..		
Title		Years with firm	Title		Years with firm
Phone #		Fax #	Phone #		Fax #
Physical street address of facility			Official mailing address, if different. Note if same.		
City		State	Zip	City	

The information provided by you on this questionnaire serves two functions:

1. The information is used to determine if your facility needs an Industrial User Pretreatment Permit (IUP) for the discharge of wastewater to the City of Elizabethton Sewer System.
2. If an Industrial User Pretreatment Permit (IUP) is required, this form serves as the application for an Industrial User Pretreatment Permit (IUP).

Requests for confidential treatment of information provided on this form shall be governed by procedures specified in 40 CFR Part 2. In accordance with Title 40 of the Code of Federal Regulations Part 403, Section 403.14 and the Local Sewer Use Ordinance (SUO), information and data provided in this questionnaire which identifies the content, volume and frequency of discharge shall be available to the public without restriction.

This is to be signed by an authorized official of your firm, as defined in the Local Sewer Use Ordinance after completion of this form.

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 upon 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/or imprisonment for knowing violations.

\_\_\_\_\_  
Signature of Authorized Representative  
listed above (seal if applicable)

\_\_\_\_\_  
Date

# Industrial User Wastewater Permit Application

## Section II

1. Provide a brief narrative description of the type of business, manufacturing processes, or service activities your firm conducts at this site.

2. List the primary products produced at this facility:

3. List raw materials and process additives used:

4. Are biocides added to any water discharged to the POTW, if yes describe:

Yes	<input type="text"/>
No	<input type="text"/>

5. Describe weekly production schedule, including shifts worked per day, employees per shift, and primary operation during shift.

6. Production process is:

Check, if all continuous

Check, if all batch

If both please enter, % continuous =  %

% Batch =  %

## Industrial User Wastewater Permit Application

7. Does production vary significantly (+- 20 %) by season. Describe.
- Yes   
No
8. Are any significant (+- 20 %) changes in production that will affect wastewater discharge expected in the next 5 years. If yes, please describe.
- Yes   
No
9. List all current waste haulers. Give name, address, phone numbers, volume and materials hauled off.
10. Attach a copy of laboratory analyses performed in the last year on the wastewater discharge(s) from your facilities. Summarize data on the attached Data Summary Form.
11. Attach sketch or schematic showing sampling points and all connections to the sewer.
12. Complete the Wastewater Pollutants Checklist attached to this Survey.

## Industrial User Wastewater Permit Application

13. Do you have, or have you ever applied for or been issued an Industrial User Pretreatment Permit (IUP) to discharge wastewater to the sewer collection system. If yes, list all other IUP permits, permit numbers, dates, and names used to apply for them.

If yes: Permit , #, date, applicant name	Yes	
If yes: Permit , #, date, applicant name	No	

14. Do you have, or have you ever applied for or been issued any other Environmental Permits (for example; air, RCRA, groundwater, stormwater, general, Non-Discharge, septic tank, etc.). If yes, list all other permits, permit numbers, dates, and names used to apply for them.

If yes: Permit type, #, date, applicant name	Yes	
If yes: Permit type, #, date, applicant name	No	
If yes: Permit type, #, date, applicant name		

16. Is a Spill Prevention Control and Countermeasure (SPCC) Plan prepared for this facility?

Yes	
No	

17. Is a Spill /Slug Control Plan required by the POTW, prepared for this facility?

Yes	
No	

18. Do you have any underground storage tanks at your facility? If yes, list contents and volume of each tank.

Yes	
No	

19. Do you have any above ground storage tanks at your facility? If yes, for each tank, list the contents, volume, whether the tank has any spill prevention or containment devices, such as dikes, and procedures for draining any containment devices.

Yes		# of Tanks	
No			





**Section IV**  
**PART III, PRETREATMENT FACILITIES:**

Are there any pretreatment devices or processes used for treating wastewater before being discharged to the sewer? Check all that are present, and describe.

No pretreatment facilities =>

1. Flow equalization

Aerated equalization =>

NON-Aerated equalization =>

Total volume of equalization (million gal.) =>

2. Activated Carbon	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
3. Activated Sludge	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
4. Air Stripping	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
5. Centrifugation	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
6. Chemical Precipitation	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
7. Chlorination	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
8. Cyanide Destruction	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
9. Cyclone	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
10. Dissolved Air Floatation	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
11. Filtration	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
12. Flocculation	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
13. Grease Trap	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
14. Grit Removal	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
15. Ion Exchange	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
16. Neutralize, pH adjust	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
17. Other Biological Treatment	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
18. Ozonation	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
19. Reverse Osmosis	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
20. Screening	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
21. Sedimentation	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
22. Septic Tank	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
23. Silver Recovery	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
24. Solvent Separation	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
25. Spill protection	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

Describe any, if present.

List any others.

**Section V**  
**PART IV, CATEGORICAL INFORMATION:**

1. When were operations started at this facility Facility start up date

2. List all Standard Industrial Classification (SIC) codes for your facility. These may be found on State Unemployment forms, tax forms, accounting records, or from the Chamber of Commerce.


3. Has this facility ever been considered a Categorical Industrial User (CIU) as described by the Code of Federal Regulations (40 CFR)?

If yes, give complete 40 CFR number =>   
 No

4. Are any other facilities owned and/or operated by your company permitted as Categorical Industrial Users (CIUs) as described by the Code of Federal Regulations (40 CFR)?

If yes please give name(s), location, and 40 CFR number. Yes   
 No

**PART IV, CATEGORICAL INFORMATION:**  
(continued)

5. Check any activities listed below that are performed at your facility:

Check below	40 CFR#	Industrial Activity	Check below	40 CFR#	Industrial Activity
<input type="checkbox"/>	467	Aluminum Forming	<input type="checkbox"/>	432	Meat products
<input type="checkbox"/>	427	Asbestos Manufacturing	<input type="checkbox"/>	433	Metal finishing
<input type="checkbox"/>	461	Battery Manufacturing	<input type="checkbox"/>	464	Metal molding and casting
<input type="checkbox"/>	431	Builders paper & board mills	<input type="checkbox"/>	436	Mineral mining and processing
<input type="checkbox"/>	407	Canned & preserved fruits & veg.	<input type="checkbox"/>	471	Nonferrous Metal, Form & Powders
<input type="checkbox"/>	408	Canned & preserved seafood	<input type="checkbox"/>	421	Nonferrous Metals Manufacturing
<input type="checkbox"/>	458	Carbon black Manufacturing	<input type="checkbox"/>	414	OCPSF, Organic Chemicals, Plastics, & Synthetic Fiber Manufacturing
<input type="checkbox"/>	411	Cement Manufacturing	<input type="checkbox"/>	435	Oil & gas extraction
<input type="checkbox"/>	437	Centralized Waste Treatment	<input type="checkbox"/>	440	Ore mining and dressing
<input type="checkbox"/>	434	Coal Mining	<input type="checkbox"/>	446	Paint formulating
<input type="checkbox"/>	465	Coil Coating	<input type="checkbox"/>	443	Paving and roofing materials Mfg.
<input type="checkbox"/>	468	Copper Forming	<input type="checkbox"/>	455	Pesticide Manufacturing
<input type="checkbox"/>	405	Dairy products processing	<input type="checkbox"/>	419	Petroleum Refining
<input type="checkbox"/>	469	Electrical, electronic components	<input type="checkbox"/>	439	Pharmaceutical Manufacturing
<input type="checkbox"/>	413	Electroplating	<input type="checkbox"/>	422	Phosphate Manufacturing
<input type="checkbox"/>	457	Explosives Manufacturing	<input type="checkbox"/>	459	Photographic supplies
<input type="checkbox"/>	412	Feedlots	<input type="checkbox"/>	463	Plastics molding and forming
<input type="checkbox"/>	424	Ferro alloy Manufacturing	<input type="checkbox"/>	466	Porcelain enameling
<input type="checkbox"/>	418	Fertilizer Manufacturing	<input type="checkbox"/>	430	Pulp, paper, and paperboard
<input type="checkbox"/>	464	Foundries, Metal Mold & Casting	<input type="checkbox"/>	428	Rubber Manufacturing
<input type="checkbox"/>	426	Glass Manufacturing	<input type="checkbox"/>	417	Soap & Detergent Manufacturing
<input type="checkbox"/>	406	Grain mills	<input type="checkbox"/>	423	Steam Electric power Generation
<input type="checkbox"/>	454	Gum & Wood Chemicals Mfg.	<input type="checkbox"/>	409	Sugar processing
<input type="checkbox"/>	460	Hospitals	<input type="checkbox"/>	410	Textile Mills
<input type="checkbox"/>	447	Ink formulating	<input type="checkbox"/>	429	Timber products processing
<input type="checkbox"/>	415	Inorganic chemical Manufacturing	<input type="checkbox"/>	442	Transportation Equipment Cleaning
<input type="checkbox"/>	420	Iron & Steel Manufacturing	<input type="checkbox"/>		Others
<input type="checkbox"/>	425	Leather Tanning & Finishing	<input type="checkbox"/>		

## Section VI

### Wastewater Pollutant Checklist

Chemical Name	EPA Storet Code	Check if Present at Facility	Check if Absent at Facility	Check if Present in Discharge	Check if Absent in Discharge	Concentration in Discharge, if Known (mg/l)
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#### Acid Extractable Organics

2-Chlorophenol	34586					
2,4-Dichlorophenol	34601					
2,4-Dimethylphenol	34606					
2,4-Dinitrophenol	34616					
2-Methyl-4,6-dinitrophenol	34657					
4-Chloro-3-methylphenol	34452					
2-Nitrophenol	34591					
4-Nitrophenol	34646					
Pentachlorophenol	39032					
Phenol	34694					
2,4,6-Trichlorophenol	34621					

#### Base Neutral Organics

1,2,4-Trichlorobenzene	34551					
1,2-Dichlorobenzene	34536					
1,2-Diphenylhydrazine	34346					
1,3-Dichlorobenzene	34566					
1,4-Dichlorobenzene	34571					
2,4-Dinitrotoluene	34611					
2,6-Dinitrotoluene	34626					
2-Chloronaphthalene	34581					
3,3-Dichlorobenzidine	34631					
4-Bromophenyl phenyl ether	34636					
4-Chlorophenyl phenyl ether	34641					
Acenaphthene	03405					
Acenaphthylene	34200					
Anthracene	34220					
Benzidine	39120					
Benzo (a) anthracene	34526					
Benzo (a) pyrene	34247					
Benzo (b) fluoranthene	34230					
Benzo (ghi) perylene	34521					
Benzo (k) fluoranthene	34242					
Bis(2-chloroethoxy) methane	34278					
Bis(2-chloroethyl) ether	34273					
Bis(2-chloroisopropyl) ether	34283					
Bis(2-ethylhexyl) phthalate	39100					
Butyl benzyl phthalate	34292					
Chrysene	34320					
Di-n-butyl phthalate	39110					

## Wastewater Pollutant Checklist

Chemical Name	EPA Storet Code	Check if Present at Facility	Check if Absent at Facility	Check if Present in Discharge	Check if Absent in Discharge	Concentration in Discharge, if Known (mg/l)
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### Base Neutral Organics (continued)

Di-n-octyl phthalate	34596					
Dibenzo (a,h) anthracene	34556					
Diethyl phthalate	34336					
Dimethyl phthalate	34341					
Fluoranthene	34376					
Fluorene	34381					
Hexachlorobenzene	39700					
Hexachlorobutadiene	34391					
Hexachlorocyclopentadiene	34386					
Hexachloroethane	34396					
Indeno(1,2,3-cd) pyrene	34403					
Isophorone	34408					
N-nitroso-di-n-propylamine	34428					
N-nitrosodimethylamine	34438					
N-nitrosodiphenylamine	34433					
Naphthalene	34696					
Nitrobenzene	34447					
Phenanthrene	34461					
Pyrene	34469					

### Metals

Aluminum	01104					
Antimony	01097					
Arsenic	01002					
Beryllium	01012					
Cadmium	01027					
Chromium	01034					
Copper	01042					
Lead	01051					
Mercury	71900					
Molybdenum	01062					
Nickel	01067					
Selenium	01147					
Silver	01077					
Thalium	00982					
Zinc	01092					

## Wastewater Pollutant Checklist

Chemical Name	EPA Storet Code	Check if Present at Facility	Check if Absent at Facility	Check if Present in Discharge	Check if Absent in Discharge	Concentration in Discharge, if Known (mg/l)
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### Other Inorganics

Barium	01007					
Chloride	00940					
Cyanide	00720					
Fluoride	00951					

### Purgeable Volatile Organics

1,1,1-Trichloroethane	34506					
1,1,2,2-Tetrachloroethane	34516					
1,1,2-Trichloroethane	34511					
1,1-Dichloroethane	34496					
1,1-Dichloroethylene	34501					
1,2-Dichloroethane	34531					
1,2-Dichloropropane	34541					
2-Chloroethyl vinyl ether	34576					
Acrolein	34210					
Acrylonitrile	34215					
Benzene	34030					
Bromodichloromethane	32101					
Bromoform	32104					
Bromomethane	34413					
Carbon tetrachloride	32102					
Chlorobenzene	34301					
Chloroethane	34311					
Chloroform	32106					
Chloromethane	34418					
cis 1,3-Dichloropropene	34704					
Dibromochloromethane	32105					
Ethylbenzene	34371					
Methylene chloride	34423					
Tetrachloroethylene	34475					
Toluene	34010					
trans 1,3-Dichloropropene	34699					
trans-1,2-Dichloroethylene	34546					
Trichloroethylene	39180					
Trichlorofluoromethane	34488					
Vinyl chloride	39175					

### Others

Xylene						

## Section VII DATA SUMMARY FORM

Constituent	Sample Date						Average
BOD, mg/l							
TSS, mg/l							
Ammonia, mg/l							
Arsenic, mg/l							
Copper, mg/l							
Chromium, mg/l							
Cadmium, mg/l							
COD, mg/l							
Cyanide, mg/l							
Lead, mg/l							
Mercury, mg/l							
Nickel, mg/l							
Silver, mg/l							
Zinc, mg/l							

**NOTES:**

1. Provide a minimum of three (3) representative samples for the discharge waste stream.
2. Insert sample data for any additional pollutants listed in the wastewater pollutant checklist in the blank spaces provided.