

Document Submission Information

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Thank You.

First Name: _____ Last Name: _____

Email Address: _____

Contact Phone Number: _____

APPLICATION FOR PERMIT TO DISCHARGE INDUSTRIAL WASTEWATER

Name of Firm: _____

Address: _____

Street Address

City

State

Zip Code

Telephone: _____ Email: _____

Application is hereby made for a permit to discharge industrial wastewater into the sanitary sewer system of the City of Huntsville, Alabama.

It is understood in making this application that should a change in ownership of the firm be made, a new application will be required.

If the industrial wastewater is being pretreated prior to discharge into the sanitary sewer system, the method of treatment is indicated:

The City of Huntsville is given permission to enter onto the plant premises and observe any process creating the wastewater, and to measure and/or secure samples for analysis.

The applicant agrees to abide by all the laws of the State of Alabama and the ordinance of the City of Huntsville, concerning the pretreatment and discharge of said wastewater now in force, or as the same may be from time to time amended. The applicant further agrees to report to the Director of Water Pollution Control immediately in writing any change in the process which causes any measurable change in composition of wastewater discharge and any change in the process in volumetric discharge of more than 10% in GPD.

It is understood that the permit, if issued, will authorize only the discharge of wastewater listed in this application, and none other, and that a new application will be made and permit requested if the composition of wastewater discharge and/or volume, or both, listed in this application are exceeded.

A complete chemical analysis of the effluent discharged, or to be discharged, is reported below. The BOD content, the quantity of Suspended Solids, and the total volumetric discharge in gallons per day (GPD) is indicated.

CHEMICAL ANALYSIS OF EXPECTED INDUSTRIAL WASTEWATER DISCHARGE

<u>Chemical</u>	<u>ppm (mg/L)</u>
Aluminum	_____
Arsenic	_____
Barium	_____
Boron	_____
Cadmium	_____
Chlorides	_____
Chromium (Total)	_____
Chromium(Hexavalent)	_____
Copper	_____
Cyanide	_____
Detergents ABS (Hard)	_____
Detergents LAS (Soft)	_____
Detergents (Biodegradable)	_____
Fluorides	_____
Iron	_____
Lead	_____
Lithium	_____
Magnesium	_____
Manganese	_____
Mercury	_____
Molybdenum	_____
Nickel	_____
Phosphate (Total)	_____
Selenium	_____
Silver	_____
Tin	_____
Zinc	_____
Total Kjeldahl Nitrogen (TKN)	_____
Oil and Grease	_____
Total Dissolved Solids (TDS)	_____
M.B.A.S. (Non-Biodegradable)	_____
Total Toxic Organics	_____
Radioactivity Gross Beta	_____
RA226	_____

<u>Chemical</u>	<u>ppm (mg/L)</u>
SR90	_____
H3	_____
PH	_____
BOD Contents (PPM by Weight)	_____
Suspended Solids (PPM by weight) **Industrial Waste Discharge GPD (See Note below)	_____

The City of Huntsville reserves the right to request a periodic chemical analysis report should conditions so warrant.

The applicant further agrees to abide by the terms of the Permit when issued.

Firm: _____

Authorized Representative Signature: _____

Title: _____ Date: _____

NOTE:

The discharge of industrial wastewater only will be reported. This may be arrived at by metering or by agreement between a representative of the Department of Water Pollution Control and the firm concerned. If the total water supply for the firm is furnished by the City of Huntsville, water used for purposes other than for treatment of industrial wastewater will not be reported under the Industrial Wastewater Discharge. If the source of water supply for processing industrial wastewater is obtained from a source other than from the City Water Department, this volumetric discharge will be considered as a supplement to water furnished by the City of Huntsville, will be metered, and will be reported in Industrial Wastewater Discharge.

Upon completion, this application is to be submitted to:

Attn: Environmental Engineer
City of Huntsville, W.P.C.
1800 Vermont Road
Huntsville, AL. 35802

INDUSRIAL PRETREATMENT PROGRAM
CITY OF HUNTSVILLE
WATER POLLUTION CONTROL
INDUSTRIAL WASTEWATER DISCHARGE PERMIT APPLICATION
SUPPLEMENTAL DATA

I. FACILITY FLOW SCHEMATIC:

Attach a schematic of the facility flow showing water uses and wastewater generated (processes, sanitary, pretreatment system, cooling system, etc.), their points of entry into the sewer system, and indicate monitoring/sampling points.

II. FACILITY OPERATIONS:

1. Provide a detailed description of manufacturing processes, facilities or service activities provided on the premises. Use additional sheets if necessary.

2. Principle raw materials used:

3. Chemicals, solvents and compounds used:

4. List all products manufactured or services provided by your facility along with the corresponding SIC (Standard Industrial Code) number:

<u>Product or service</u>	<u>SIC number</u>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

5. If this facility is subject to Federal Categorical Pretreatment standards, as per 40 CFR 403, what is the categorical classification(s):

6. Shift information:

a. Shifts and times normally worked:

	<u>Sun</u>	<u>Mon</u>	<u>Tue</u>	<u>Wed</u>	<u>Thu</u>	<u>Fri</u>	<u>Sat</u>
1 st	_____	_____	_____	_____	_____	_____	_____
2 nd	_____	_____	_____	_____	_____	_____	_____
3 rd	_____	_____	_____	_____	_____	_____	_____

b. Average # of employees per shift:

1st _____ 2nd _____ 3rd _____

III. WATER USAGE and DISCHARGE INFORMATION:

1. List intake water sources and average volumes:

<u>Source</u>	<u>Volume (gallons/day)</u>	(check one) <u>Estimated/Measured</u>
City Water System	_____	/
Private Well	_____	/
Surface Water	_____	/
Other (specify)	_____	/

2. List average volume of discharge or water loses to:

<u>Source</u>	<u>Volume (gallons/day)</u>	<u>Estimated/Measured</u>
City Sewer System	_____	/
Natural Outlet (NPDES)	_____	/
Evaporation	_____	/
Contained in Product	_____	/
Other (specify)	_____	/

3. Separately identify and list average volumes of each water source discharged to the sewer system:

<u>Source</u>	<u>Volume (gallons/day)</u>	<u>Estimated/Measured</u>
Contact Cooling	_____	/
Sanitary Waste	_____	/
Boiler Blowdown	_____	/
Other (specify)	_____	/

<u>Process Wastestream</u>	<u>Volume (gallons/day)</u>	<u>Estimated/Measured</u>
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/

IV. PRETREATMENT:

1. Provide a detailed description of any wastewater pretreatment processes in use. Use additional sheets if necessary.

2. Describe any additional pretreatment facilities and/or processes under consideration:

3. Is the discharge to the sewer: Continuous

Batch

a. If batch discharge, give frequency of occurrence: _____

b. What is the average volume in gallons of each batch: _____

c. What is the maximum volume in gallons of a batch: _____

4. Do you dispose of any chemicals, solvents, or hazardous materials as a result of your processes?

Yes No

If yes, provide a description of each material, annual quantity, and means of disposal:

5. If a private hauler is used to haul sludge/residuals, provide name and EPA I.D. number:
