

**CLASS 1 & 2 INDUSTRIAL WASTEWATER DISCHARGE
PERMIT APPLICATION
Industrial Pretreatment Program - (603) 474-8012 ext 11**

If this application is for a proposed discharge, indicate whether the discharge information provided is based on known or estimated values. For existing discharges, actual discharge information is required. All items must be completed. If an item is not applicable, indicate "NA". Please print or type all information. Attach additional pages where extra space is required.

SECTION A: GENERAL INFORMATION

1. This application is for an: Existing Discharge _____ Proposed Discharge _____
2. Name of business: _____
Street address: _____
Mailing address (if different): _____
3. **Certification:** On behalf of the above named business, I hereby apply for an Industrial Wastewater Discharge Permit to discharge non-domestic wastewater to the wastewater collection and treatment facilities owned by the Town of Seabrook, New Hampshire. I certify that I am familiar with the Seabrook Municipal Sewer System Ordinance and with the information contained in this application. I certify under penalty of law that this document and all attachments were prepared by me, or 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 personal knowledge, and/or inquiry of the person or persons who manage the system, and/or those persons directly responsible for gathering the information, the information submitted herein 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. I further understand that if the actual wastewater discharged differs in any substantial manner from the information contained herein, any permit issued based upon this application is void and such discharge shall be in violation of the Seabrook Municipal Sewer System Ordinance.

Signature of Authorized Representative (see Glossary)

Printed Name	Title
Signature	Date

The Congress has declared it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The Town of Seabrook supports this policy and encourages the business and residential community to incorporate pollution prevention into their daily activities. Cost-free technical assistance may be obtained from the New Hampshire Pollution Prevention Program at (800) 273-9469.

CONFIDENTIALITY: Per the Seabrook Municipal Sewer System Ordinance, information and data submitted as part of this application relating to wastewater characteristics shall be available to the public without restriction. Other information will be held confidential only when so requested at the time of submittal and when it is demonstrated by the user to the satisfaction of the Superintendent that the release of such information would divulge information, processes, or methods of production entitled to protection as trade secrets under applicable State law. Any and all information will be made available immediately upon request to government agencies for uses related to the Seabrook Municipal Sewer System Ordinance, to the NPDES program or Industrial Pretreatment Program, and in enforcement proceedings involving the user.

4. Authorized Representative (per Section A, paragraph 3 - Certification)

Mailing address: _____

Telephone number: _____

E-mail address: _____

5. Person to contact concerning information provided herein (if different):

Name and title: _____

Mailing address: _____

Telephone number: _____

E-mail address: _____

6. List all federal, State, and municipal permits, licenses, and registrations that relate to the generation, storage, transport, or disposal of waste materials at or from this location (including air emissions).

Description	Number
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

7. Is this facility required to maintain a Slug Control Plan? _____ If "YES":

• Is the current Slug Control Plan complete and up to date? _____

• Is a copy of the current Slug Control Plan on file with the Sewer Department? _____

SECTION B: PRODUCT OR SERVICE INFORMATION

1. Provide a brief narrative description of all manufacturing and/or service activities conducted at this location:

2. If your facility employs or will be employing processes in any of the following federal industrial categories, regardless of whether any of these processes generates wastewater or sludge, place an "X" beside the category. Mark all that apply.

- | | |
|--|--|
| <input type="checkbox"/> Aluminum Forming | <input type="checkbox"/> Metal Finishing |
| <input type="checkbox"/> Asbestos Manufacturing | <input type="checkbox"/> Metal Molding or Casting |
| <input type="checkbox"/> Battery Manufacturing | <input type="checkbox"/> Metal Products or Machinery Manufacturing |
| <input type="checkbox"/> Carbon Black Manufacturing | <input type="checkbox"/> Mineral Mining or Processing |
| <input type="checkbox"/> Cement Manufacturing | <input type="checkbox"/> Non-Ferrous Metals Manufacturing |
| <input type="checkbox"/> Commercial Waste Treatment or Recycling | <input type="checkbox"/> Non-Ferrous Metals Forming or Metal Powders |
| <input type="checkbox"/> Coal Mining | <input type="checkbox"/> Oil or Gas Extraction |
| <input type="checkbox"/> Coil Coating | <input type="checkbox"/> Ore Mining or Dressing |
| <input type="checkbox"/> Concentrated Animal Feeding Operations | <input type="checkbox"/> Organic Chemicals, Plastics or Synthetic Fibers |
| <input type="checkbox"/> Concentrated Aquatic Animal Production | <input type="checkbox"/> Paint Formulating |
| <input type="checkbox"/> Copper Forming | <input type="checkbox"/> Paving or Roofing Materials Manufacturing |
| <input type="checkbox"/> Dairy Products Processing | <input type="checkbox"/> Pesticide Chemical Mfg or Packaging |
| <input type="checkbox"/> Electrical or Electronic Component Mfg | <input type="checkbox"/> Petroleum Refining |
| <input type="checkbox"/> Electroplating | <input type="checkbox"/> Pharmaceutical Manufacturing |
| <input type="checkbox"/> Explosives Manufacturing | <input type="checkbox"/> Phosphate Manufacturing |
| <input type="checkbox"/> Ferroalloy Manufacturing | <input type="checkbox"/> Photographic Processing |
| <input type="checkbox"/> Fertilizer Manufacturing | <input type="checkbox"/> Plastic Molding or Forming |
| <input type="checkbox"/> Fruit or Vegetable Processing | <input type="checkbox"/> Porcelain Enameling |
| <input type="checkbox"/> Glass Manufacturing | <input type="checkbox"/> Pulp, Paper or Paperboard Manufacturing |
| <input type="checkbox"/> Grain Milling | <input type="checkbox"/> Rubber Manufacturing |
| <input type="checkbox"/> Gum or Wood Chemicals Manufacturing | <input type="checkbox"/> Seafood Processing |
| <input type="checkbox"/> Hospital | <input type="checkbox"/> Soap or Detergent Manufacturing |
| <input type="checkbox"/> Ink Formulating | <input type="checkbox"/> Steam Electric Power Generating |
| <input type="checkbox"/> Inorganic Chemicals Manufacturing | <input type="checkbox"/> Sugar Processing |
| <input type="checkbox"/> Iron or Steel Manufacturing | <input type="checkbox"/> Textile Mill Operations |
| <input type="checkbox"/> Landfill | <input type="checkbox"/> Timber Products Processing |
| <input type="checkbox"/> Leather Tanning or Finishing | <input type="checkbox"/> Transportation Equipment Cleaning |
| <input type="checkbox"/> Meat Production or Processing | <input type="checkbox"/> Waste Combustion |

SECTION C: PLANT OPERATIONAL CHARACTERISTICS

1. Are any of this business's operational processes subject to seasonal or other cyclic variation? _____
 If "Yes", explain: _____

2. Volume Information (attach sheets as needed)

Description of Product or Service	Average Rate of Production or Quantity of Service		
	Amount	Units	Time Basis (wk, mo, yr)

3. Schematic Flow Diagram: For each major activity in which wastewater is, or will be generated, draw a diagram of the flow of materials, products, water and wastes from the start of the activity to its completion, showing all unit processes. Indicate which processes use water and which generate wastestreams. Include the average daily volume and maximum daily volume of each wastestream (new facilities may estimate). If estimates are used for flow data, this must be indicated. Use these numbers when showing these unit processes in the building layout diagram, Section C4.
4. Building Layout Diagram: Provide drawings for each building on the premises. Show the location of all water and wastewater flow meters, sampling stations, monitoring equipment, pretreatment facilities, chemical storage areas, numbered unit processes (from Schematic Flow Diagram), process, sanitary and storm sewer lines, street names, and each facility sewer line connection to the public sewers.
5. Describe any plans for potential expansion within the next five years and include a description of the possible impacts on wastewater discharges to the municipal sewer. (*attach sheet*)
6. Shift Information

Hours		For each day of operation, show the number of employees working per shift						
		Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift 1								
Shift 2								
Shift 3								
	Totals							

SECTION D: WASTESTREAM CHARACTERIZATION

1. Show current quantities of water received and discharged daily.

Water used for:	INCOMING WATER		OUTGOING WATER			
	Water source *	Average gals/day	To Sanitary Sewer		Other than to Sanitary Sewer	
			Average gals/day	Maximum gals/day	Average gals/day	Discharge to : **
1. domestic - sanitary						
2.						
3.						
4.						
5.						
6.						
7. lawn irrigation						irrigation
Total gallons per day						

NOTE: In the above tables, enter the appropriate letter codes to indicate water sources and discharge points.

* Water Sources:

A. Municipal water supply

C. Private well

B. Surface water (e.g., river, pond)

D. Other (specify) _____

** Discharge Points:

A. Evaporation

E. Surface waters (NPDES permit number _____)

B. Storm drains

F. Holding tank, leach field

C. Consumed in products

G. Off-site disposal

D. Other (specify) _____

2. If the average and/or maximum wastewater flows expected to occur within the next year will be significantly different from those shown in Section D.1, please describe:

3. Describe the flow characteristics of all continuous, batch, and intermittent process discharges.

Source	Volume (gallons)	Duration (minutes)	Frequency	Day(s) / Time(s)	Comments

4. List the past 4 quarters' water usage from Town water bills and identify areas of facility served by each account.

Year	Quarter	Gallons (Acct. No. _____)	Gallons (Acct. No. _____)	Gallons (Acct. No. _____)	Totals
Area Served:					

5. Describe all raw and/or incoming water treatment processes used. _____

6. Describe all on-site waste and/or wastewater recycling, reclamation, purification and/or disposal processes used.

7. Furnish descriptions of any wastewater treatment equipment and schematics of any treatment processes that are either proposed or in use. Identify the process lines from which they receive wastewater.

Process Line	Type of Pretreatment

8. Furnish plans, specifications, and operation & maintenance procedures (if not previously submitted to the Town) covering any existing or proposed pretreatment facilities. These must be stamped by a chemical, civil, sanitary, or environmental engineer registered in the State of New Hampshire.
9. Describe all wastes and wastewaters that are hauled from this site for disposal, recycling, reclamation or reprocessing. Attach additional sheets as needed.

Type of Waste	Waste hauler	Disposal Site

GLOSSARY

Authorized Representative - An authorized representative shall be:

- If the user is a corporation, the president, vice-president, or other legally appointed officer of the corporation.
- If the user is a partnership or sole proprietorship, a general partner or the proprietor, respectively.
- If the user is a federal, State, or local governmental facility, a director or the highest official appointed or designated to directly oversee the operation and performance of the activities of the government facility.

An individual described in (1) through (3) above may designate another Authorized Representative by providing written authorization to the Town if (a) the authorization is made using the appropriate form provided by the Superintendent, and (b) the authorization specifies either the individual/position responsible for the overall operation of the facility from which the discharge originates or the individual/position having overall responsibility for environmental matters for the company or organization, and (c) the authorization is duly signed and dated by an individual described in paragraphs (1) through (3) above.

Business - Any Industrial User as defined herein.

Industrial User – Any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, non-profit organization, trust, estate, governmental entity, or other legal entity that discharges industrial wastewater into the sanitary sewer of the Town, or their legal representatives, agents, or assigns.

Industrial (or Process) Wastewater - Wastewater or waterborne wastes containing any dissolved or suspended liquid, gaseous, or solid waste substance resulting from any process of industry, manufacturing, trade, or business or from the development of any natural resource, as distinct from sewage, septage or unpolluted water.

National Categorical Pretreatment Standards – Any regulation containing pollutant discharge limits promulgated by the USEPA in accordance with Section 307 (b) and (c) of the Clean Water Act (33 U.S.C. 1347), that applies to a specific category of industrial users and that are found in the Code of Federal Regulations, 40 CFR, Chapter 1, Subchapter N, parts 405 through 471.

National Pollution Discharge Elimination System (NPDES) - The national program for issuing and enforcing permits for the discharge of pollutants from any point source into waters of the United States pursuant to Section 402 of the Clean Water Act (33 U.S.C. 1342).

Pretreatment – The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to, or in lieu of, introducing such pollutants into the municipal sanitary sewer system. This reduction or alteration can be obtained by physical, chemical, or biological processes; by process changes; or by other means, except by diluting the concentration of the pollutants unless allowed by an applicable pretreatment standard.

Pretreatment Standards (Standards, Effluent Limitations) - Shall mean prohibited discharge standards, categorical pretreatment standards, local limits, and screening levels.

Priority Pollutants - A group of toxic chemicals listed by the EPA in 40 CFR Part 403, Appendix B as requiring restriction from entering municipal sewers or any receiving waters.

Publicly Owned Treatment Works (POTW) - A “treatment works,” as defined by Section 212 of the Clean Water Act (33 U.S.C. §1292) that is owned by the Town. This definition includes any devices or systems used in the collection, storage, treatment, recycling, and reclamation of sanitary sewage or industrial wastes of a liquid nature. It also includes sewers, pipes, and other conveyances only if these structures convey wastewater to a POTW wastewater treatment facility. The term also means the municipality that has jurisdiction over discharges to and the discharges from such a treatment plant, and any sewer that conveys wastewater to the POTW from persons outside the Town who are, by contract or agreement with the Town, users of the Town’s POTW.

Sanitary (Domestic) Wastewater or Sewage - Wastewater consisting solely of normal water-carried household and toilet wastes or waste from sanitary conveniences of residences, commercial buildings, and industrial plants, as distinct from industrial wastewater and unpolluted water.

Septage - Any liquid, solid, or sludge pumped from chemical toilets, vaults, septic tanks, or cesspools or other holding tanks, which have received only sanitary sewage.

Sewer or Sanitary Sewer - A pipe or conduit that carries wastewater storm water, groundwater, subsurface water, and/or unpolluted water (other than potable water) from any source.

Sewer System – All facilities, as of any particular time, for collecting, pumping, transporting, treating and disposing of sanitary sewage and industrial wastes, and situated in the Town of Seabrook, and owned, maintained, and operated by the Town of Seabrook.

Slug Control Plan - A plan prepared by an Industrial User to control slug discharges. Elements of the plan include: description of discharge practices, description of stored chemicals, procedures for notifying the POTW of slug discharges, and procedures to prevent adverse impact from accidental spills.

Slug Discharge - Means:

1. Any discharge of wastewater which, in concentration of any given constituent or in quantity of flow, exceeds for any period of duration longer than 15 minutes, more than five times the average 24-hour concentration or flow during normal operation;
2. Any discharge at a flow rate or concentration that could cause a violation of the prohibited discharge standards in Section 2.5 of the Seabrook Municipal Sewer System Ordinance; or
3. Any discharge that could adversely affect the POTW.

Town - The Town of Seabrook, Rockingham County, a municipality of the State of New Hampshire, acting by and through its Selectmen or, in appropriate cases, acting by and through its authorized representatives, including the Sewer Superintendent.