

BERGEN COUNTY UTILITIES AUTHORITY

Industrial Pretreatment Program

Application for an Industrial Wastewater Discharge Permit

The applicant being the _____ of the property
(Owner, Lease Holder, Tenant, etc.)

located at _____ does hereby request
(Address)

a permit to discharge industrial process wastewater to the BCUA Treatment Works.

PREFACE: Every effort has been made to simplify the following application. If there are any questions with regard to the completion of this application, please contact the BCUA's Industrial Pretreatment Program at (201) 807-8639.

Section A - General Information

Facility: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Mailing Address

(If same as above, please check here)

Facility: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Designated Authorized Representative

Name: _____

Title: _____

Telephone: _____

Fax: _____

Designated Contact/Operator

Name: _____

Title: _____

Telephone: _____

Fax: _____

Section B - Submittal Requirements

In accordance with the specific requirements set forth in the Rules and Regulations for the Direct and Indirect Discharge of Wastewater to the Bergen County Utilities Authority Treatment Works, the following shall be submitted:

1. Applicant shall submit a site plan of the property with location of structures and connection into sanitary sewer, sampling points, and other relevant information.
2. Applicant shall submit a description of the flow meter (if applicable) or other equipment that shall be utilized to monitor the flow of process wastewater to the sewer system.
3. Applicant shall submit a report of analytical results of expected pollutants and a list of analytical methods used.
4. Applicant shall submit a description of sampling preservation and chain of custody procedures.
5. Applicant shall submit copies of most recent six (6) months of water bills.
6. If the applicant is not the owner of the property, the applicant shall submit written consent of the property owners, and one (1) copy of the lease (title and signatory pages only).
7. Applicant shall submit the Application Fee in accordance with the Application Fee Schedule.

Section C - Business Activity or Services

Type of Ownership for Facility(s)

Private: Yes No
Public Agency:
Municipal: Yes No
State: Yes No
Federal: Yes No

Utility:
Private: Yes No
Public Yes No
Other: Yes No
(specify) _____

Give a brief description of all operations, including primary products or services:

List the principal raw materials used at this facility:

List the principal products produced or services provided by this facility:

Do the principal products produced or services provided vary seasonally?

Yes No, If yes, describe: _____

Is production or service performed in batch? Yes No, If yes, describe:

List all additional activities and specific processes occurring at this facility:

Facility Operating Schedule:

Start and End Time of Each Shift:

1st _____ 2nd _____ 3rd _____

Number of Employees Per Shift:

1st _____ 2nd _____ 3rd _____

Standard Industrial Classification (SIC) for all processes at this facility:

Please check here if unknown

Industrial Categories covered by the Environmental Protection Agency's (EPA) categorical pretreatment standards

If facility employs or will be employing processes in any of the industrial categories, business activities or services listed below (regardless of whether wastewater, waste sludge, or hazardous waste is generated), place a check beside the category of business activity that applies:

- | | | | |
|--------------------------|--------------------------------|--------------------------|-----------------------------------|
| <input type="checkbox"/> | Aluminum Forming | <input type="checkbox"/> | Meat Processing |
| <input type="checkbox"/> | Asbestos Manufacturing | <input type="checkbox"/> | Metal Finishing |
| <input type="checkbox"/> | Battery Manufacturing | <input type="checkbox"/> | Metal Molding and Casting |
| <input type="checkbox"/> | Builders Paper and Board Mills | <input type="checkbox"/> | Metal Products and Machinery |
| <input type="checkbox"/> | Carbon Black Manufacturing | <input type="checkbox"/> | Nonferrous Metals Forming |
| <input type="checkbox"/> | Cement Manufacturing | <input type="checkbox"/> | Nonferrous Metals Manufacturing |
| <input type="checkbox"/> | Coil Coating | <input type="checkbox"/> | Organic Chemicals Manufacturing |
| <input type="checkbox"/> | Copper Forming | <input type="checkbox"/> | Paint Formulating |
| <input type="checkbox"/> | Dairy Products Processing | <input type="checkbox"/> | Paving and Roofing |
| <input type="checkbox"/> | Drum Reconditioning Industry | <input type="checkbox"/> | Pesticides Chemicals |
| <input type="checkbox"/> | Electric and Electronic - | <input type="checkbox"/> | Petroleum Refining |
| <input type="checkbox"/> | Components Manufacturing | <input type="checkbox"/> | Pharmaceuticals Manufacturing |
| <input type="checkbox"/> | Electroplating | <input type="checkbox"/> | Phosphate Manufacturing |
| <input type="checkbox"/> | Feedlots | <input type="checkbox"/> | Plastics Molding and Forming |
| <input type="checkbox"/> | Ferroalloy Manufacturing | <input type="checkbox"/> | Porcelain Enameling |
| <input type="checkbox"/> | Fertilizer Manufacturing - | <input type="checkbox"/> | Pulp, Paper, Fiberboard - |
| | (Nitrogen & Phosphate) | | Manufacturing |
| <input type="checkbox"/> | Fruits and Vegetables- | <input type="checkbox"/> | Rubber Manufacturing |
| | Processing/Manufacturing | <input type="checkbox"/> | Seafood Processing |
| <input type="checkbox"/> | Glass Manufacturing | <input type="checkbox"/> | Soaps and Detergent Manufacturing |
| <input type="checkbox"/> | Grain Mills Manufacturing | <input type="checkbox"/> | Solvent Recycling Industry |
| <input type="checkbox"/> | Gum & Wood Chemicals Mfg. | <input type="checkbox"/> | Steam Electric |
| <input type="checkbox"/> | Hospital Point Source Category | <input type="checkbox"/> | Sugar Processing |
| <input type="checkbox"/> | Ink Formulating | <input type="checkbox"/> | Textile Mills |
| <input type="checkbox"/> | Inorganic Chemicals | <input type="checkbox"/> | Timber Products |
| <input type="checkbox"/> | Iron and Steel Manufacturing | <input type="checkbox"/> | Transportation Equipment |
| <input type="checkbox"/> | Leather Tanning and Finishing | | |

Section D - Water Use and Discharge Information

Raw Water Sources

Metered

- | | | | |
|--|----------------------------|------------------------------|-----------------------------|
| <input type="checkbox"/> Public Water Supply | [United Water, New Jersey] | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Private Wells | Specify: _____ | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Surface Water | Specify: _____ | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Other | Specify: _____ | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Is any water treatment or conditioning utilized by this facility on raw water sources?

- Yes No, If yes, describe: _____

Are any water chemicals added such as biocides, boiler scale inhibitors, demineralizers?

- Yes No, If yes, describe: _____

Water Use and Discharge

<u>Type</u>	<u>Volume (gpd)</u>	<u>Source</u>	<u>Metered?</u>
<input type="checkbox"/> Process Water (total)	_____	_____	_____
<input type="checkbox"/> Sanitary:	_____	_____	_____
<input type="checkbox"/> Contained in Product:	_____	_____	_____
<input type="checkbox"/> Boiler:	_____	_____	_____
<input type="checkbox"/> Contact Cooling Water:	_____	_____	_____
<input type="checkbox"/> Non-Contact Cooling Water	_____	_____	_____
<input type="checkbox"/> Air Pollution Control Device:	_____	_____	_____
<input type="checkbox"/> Irrigation/Lawn Watering	_____	_____	_____
<input type="checkbox"/> Licensed Hauler	_____	_____	_____
<input type="checkbox"/> Evaporation	_____	_____	_____
<input type="checkbox"/> Other (specify):	_____	_____	_____

_____ Total Water Consumption

_____ Total Water Discharged

List Hours of Discharge (approximate start and end times):

- | | |
|------------------|-----------------|
| Sunday: _____ | Thursday: _____ |
| Monday: _____ | Friday: _____ |
| Tuesday: _____ | Saturday: _____ |
| Wednesday: _____ | |

Does volume or quality of wastewater discharged to sanitary sewer vary seasonally?

- Yes No, If yes, describe: _____

Does discharge to sanitary sewer occur in batch? Yes No, If yes, describe: _____

Section E - Pretreatment Facilities

Is any treatment performed on the wastewater prior to discharge to the sewer system?

Yes No, If yes, list all pretreatment processes utilized:

- | | |
|---|--|
| <input type="checkbox"/> Air Flotation | <input type="checkbox"/> Ozonation |
| <input type="checkbox"/> Air Stripping | <input type="checkbox"/> Reverse Osmosis |
| <input type="checkbox"/> Carbon Adsorption | <input type="checkbox"/> Screening |
| <input type="checkbox"/> Centrifugation | <input type="checkbox"/> Sedimentation |
| <input type="checkbox"/> Chemical Precipitation | <input type="checkbox"/> Silver Recovery |
| <input type="checkbox"/> Chlorination | <input type="checkbox"/> Solvent Separation |
| <input type="checkbox"/> Cyanide Destruction | <input type="checkbox"/> Spill Protection |
| <input type="checkbox"/> Electrowinning | <input type="checkbox"/> Ultraviolet Disinfection |
| <input type="checkbox"/> Filtration | <input type="checkbox"/> Biological Treatment Specify: |
| <input type="checkbox"/> Flocculation | _____ |
| <input type="checkbox"/> Flow Equalization | <input type="checkbox"/> Other Chemical Treatment: (specify) |
| <input type="checkbox"/> Grease or Oil Separation | _____ |
| <input type="checkbox"/> Grease Trap | <input type="checkbox"/> Other Physical Treatment: (specify) |
| <input type="checkbox"/> Grit Removal | _____ |
| <input type="checkbox"/> Ion Exchange | <input type="checkbox"/> Other: (specify) |
| <input type="checkbox"/> Neutralization | _____ |

Comments: _____

Section F - Variances and Credits

Is the applicant applying for a variance from categorical standards for fundamentally different factors under 40 CFR 403.13 General Pretreatment Standards? Yes No

Is the applicant applying for credit for pollutants in intake water under 40 CFR 403.15 General Pretreatment Standards? Yes No

Is the applicant applying for alternate discharge limits under 40 CFR 403.13 General Pretreatment Standards? Yes No

Section G - Compliance with Permit Limits

Applicant shall indicate known or expected concentrations or quantity of the following pollutants in the wastewater discharge.

<u>Pollutant</u>	<u>Concentration</u>	<u>BCUA Standard</u>	<u>Not Expected</u>
Biochemical Oxygen Demand	_____ mg/l	350 mg/l*	<input type="checkbox"/>
Total Suspended Solids	_____ mg/l	350 mg/l*	<input type="checkbox"/>
Copper	_____ mg/l	1.0 mg/l	<input type="checkbox"/>
Oil or Grease (Non-Petroleum Origin)	_____ mg/l	200 mg/l	<input type="checkbox"/>
Oil or Grease (Petroleum Hydrocarbons)	_____ mg/l	100 mg/l	<input type="checkbox"/>
pH	_____ Std. Unit	5.5-9.5	
Other compounds:			
Acrolein	_____ mg/l	0.30 mg/l	<input type="checkbox"/>
Acrylonitrile	_____ mg/l	8.40 mg/l	<input type="checkbox"/>
Benzene	_____ mg/l	0.85 mg/l	<input type="checkbox"/>
Bromoform	_____ mg/l	1.00 mg/l	<input type="checkbox"/>
Carbon Tetrachloride	_____ mg/l	0.15 mg/l	<input type="checkbox"/>
Chlorobenzene	_____ mg/l	10.60 mg/l	<input type="checkbox"/>
Chloroethane	_____ mg/l	21.50 mg/l	<input type="checkbox"/>
Chloroform	_____ mg/l	1.75 mg/l	<input type="checkbox"/>
1,2-Dichlorobenzene	_____ mg/l	21.60 mg/l	<input type="checkbox"/>
1,4-Dichlorobenzene	_____ mg/l	26.30 mg/l	<input type="checkbox"/>
1,1-Dichloroethane	_____ mg/l	19.40 mg/l	<input type="checkbox"/>
1,2-Dichloroethane	_____ mg/l	4.50 mg/l	<input type="checkbox"/>
1,1-Dichloroethylene	_____ mg/l	0.14 mg/l	<input type="checkbox"/>
1,2-Trans Dichloroethylene	_____ mg/l	17.00 mg/l	<input type="checkbox"/>
1,2-Dichloropropane	_____ mg/l	21.20 mg/l	<input type="checkbox"/>
Ethyl Benzene	_____ mg/l	9.30 mg/l	<input type="checkbox"/>
Methylene Chloride	_____ mg/l	17.00 mg/l	<input type="checkbox"/>
1,1,2,2-Tetrachloroethane	_____ mg/l	3.85 mg/l	<input type="checkbox"/>
Tetrachloroethylene	_____ mg/l	1.80 mg/l	<input type="checkbox"/>
Toluene	_____ mg/l	8.10 mg/l	<input type="checkbox"/>
1,1,1-Trichloroethane	_____ mg/l	65.00 mg/l	<input type="checkbox"/>
1,1,2-Trichloroethane	_____ mg/l	8.60 mg/l	<input type="checkbox"/>
Trichloroethylene	_____ mg/l	3.30 mg/l	<input type="checkbox"/>
Trichlorofluoromethane	_____ mg/l	6.25 mg/l	<input type="checkbox"/>
Vinyl Chloride	_____ mg/l	0.005 mg/l	<input type="checkbox"/>
Cyanide	_____ mg/l	0.5 mg/l	<input type="checkbox"/>

**notification only*

Section H - Fees

The applicant shall fill in the following information and submit the appropriate fees:

Average gallons per day of process wastewater discharged to the sewer: _____

Application fee per Application Fee Schedule. *THE FEE MUST BE SUBMITTED WITH THIS APPLICATION.* Make checks payable to the Bergen County Utilities Authority. \$ _____

Annual Fee, per Annual Fee Schedule. This fee need not be paid until the Authority issues the permit. \$ _____

APPLICATION FEE SCHEDULE (\$)

<u>Avg. Discharge (gpd)</u>	<u>Non-Categorical</u>	<u>Categorical</u>
≤999	500	750
1,000 - 1,999	1,000	1,500
2,000 - 4,999	2,000	3,000
5,000 - 9,999	2,500	4,000
10,000 - 24,999	3,000	4,500
≥25,000	4,000	6,000

ANNUAL PERMIT FEE SCHEDULE (\$)

<u>Avg. Discharge (gpd)</u>	<u>Non-Categorical</u>	<u>Categorical</u>
≤999	750	4,000
1,000 - 1,999	1,500	5,000
2,000 - 4,999	2,000	5,750
5,000 - 9,999	2,500	6,300
10,000 - 24,999	3,250	7,000
≥25,000	4,500	7,500

Section I- Certification

Applicant shall indicate if proposed discharge of process wastewater causes, threatens to cause, or is capable of causing alone or by interaction with other substances any of the following:

- fire or explosion hazard, including but not limited to wastestreams with a close cup flash point of less than 140°F or 60°F using the test methods specified in 40 CFR 261.21? Yes No
- obstruction of flow or injury to local sewer system or the Authority Treatment Works? Yes No
- toxic gases, vapors or fumes that may cause acute health or safety problems with personnel operating or maintaining the system or to the public? Yes No
- prevention of the effective operation or maintenance of the local sewer system or the Authority Treatment Works? Yes No
- a strong offensive odor or air pollution by the release of toxic or malodorous gases or malodorous gas producing substances? Yes No
- interference with the Authority's treatment plant, effluent or any other product of the treatment process, residues, sludges, or scums, to be suitable for reclamation and reuse or disposal or to interfere with the reclamation and/or disposal process? Yes No
- a detrimental environmental impact or a nuisance in the waters of the State or a condition unacceptable to any public agency having regulatory jurisdiction over same or the right to withhold funds as a result thereof? Yes No
- discoloration or any other condition in the quality of the Authority Treatment Works effluent such that receiving water quality requirements established by law cannot be met? Yes No
- conditions at or near the Authority Treatment Works that violate any statute or any rule, regulation, or ordinance of any public agency, federal, state, county or local regulatory body? Yes No
- the Authority Treatment Works to be overloaded or cause excessive Authority collection or treatment costs? Yes No
- Does the discharge contain any rain water, street drainage, subsurface drainage, or unpolluted water? Yes No
- Does the discharge contain any liquids, solids or gases which by reason of their nature of quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the Authority Treatment Works or its operation? Yes No
- Does the discharge contain any radioactive material? If yes, attach documentation authorizing use of radioactive materials and proof that all Federal, State, and Local regulations regarding the disposal of radioactive material are satisfied. Yes No

In consideration of granting an *Industrial Wastewater Discharge Permit*, the applicant certifies:

1. That sampling and analysis for this application is representative of expected pollutant discharges to the BCUA Treatment Works;
2. To furnish any additional information relating to the installation or use of the sewer for which this permit is sought as may be requested by the BCUA;
3. To accept and abide by all provisions of the Rules and Regulations for the Direct and Indirect Discharge of Wastewater to the Bergen County Utilities Authority Treatment Works and of all other pertinent Rules and Regulations, ordinances or requirements that may be adopted in the future;
4. To operate and maintain any pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of process wastewater involved, in an efficient manner at all times and at no expense to the BCUA or municipalities;
5. To cooperate at all times with the BCUA and its representatives in their inspecting, sampling and study of the process wastewater and any facilities provided for pretreatment;
6. To notify the BCUA immediately in the event of any accident, negligence or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit; and
7. To be responsible for all costs incurred by the BCUA to correct or remedy the violation of any provision herein.

Section J - Authentication

We have personally examined and are familiar with the information submitted in this application, and we hereby certify under penalty of law that this information was obtained in accordance with applicable requirements. Moreover, based on our inquiry of those individuals immediately responsible for obtaining the information reported herein, we believe that the submitted information is true, accurate and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Authorized Representative:

_____	_____
Name	Signature
_____	_____
Title	Date

Facility Contact

_____	_____
Name	Signature
_____	_____
Title	Date

Submit Application and all required attachments to:

Bergen County Utilities Authority
Industrial Pretreatment Program
P. O. Box 9, Foot of Mehrhof Road
Little Ferry, New Jersey 07643

Confidential Information:

Information and data on a user obtained from reports, surveys, wastewater discharge permit applications, wastewater discharge permits, and monitoring programs, and from the BCUA’s inspection and sampling activities, shall be available to the public without restriction, unless the user specifically requests, and is able to demonstrate to the satisfaction of the BCUA, 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 such request must be asserted at the time of submission of the information or data. When requested and demonstrated by the user furnishing a report that such information should be held confidential, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made available immediately upon request to governmental agencies for uses related to the NPDES program or pretreatment program, and in enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics and other “effluent data” as defined by 40 CFR 2.302 will not be recognized as confidential information and will be available to the public without restriction.