The
Somerset Raritan Valley
Sewerage Authority

Applicant:

All Industrial Users discharging greater than 500 gallons per day should submit the enclosed *Application for Non-Domestic Wastewater Discharge*. Industrial Users discharging less than 500 gallons per day may alternately submit an *Application for De Minimis Industrial User Classification,* which can be found on the Authority's website. The Authority will then determine if an Industrial Pretreatment Program Permit is needed.

The application should be completed to the best of your ability.

The application must include a current site map showing all non-domestic discharge locations.

If the application is for an existing discharge sampling must be conducted per the attached sampling instructions. Sampling must be conducted within 6 months of submission of this application. All parameters in the sampling tables must be analyzed for by a New Jersey Certified Laboratory, using the approved test methods in 40 CFR Part 136. The analytical results must be attached to the completed application.

Applicants proposing new discharges should contact me regarding sampling prior to submitting an application.

A check for the amount of $150.00 must accompany the application.

If you have any questions, or if I can be of any assistance, please feel free to contact me at 732-469-0593 ext. 225 or via email at Eleanor.Hoffman@SRVSA.org.

Sincerely,

Eleanor Hoffman

Eleanor Hoffman, P.E.
Regulatory Compliance Engineer

50 POLHEMUS LANE • BRIDGEWATER, NEW JERSEY 08807
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THE SOMERSET RARITAN VALLEY SEWERAGE AUTHORITY
BRIDGEWATER, NEW JERSEY

APPLICATION FOR NON-DOMESTIC WASTEWATER DISCHARGE

The following information must be provided. Attach additional pages where necessary.

A. GENERAL INFORMATION

Facility Name _____

_____

Location: _____

_____

Mailing Address: _____

_____

Facility DUNS NO: _____
Parent Company: _____
Mailing Address: _____

Official Contact: Name: _____
Title: _____
Address: _____

_____

Telephone: __ __ __-__ __ __-__ __ __ __ Ext. __ __ __ __
Email: _____

Primary SIC Code: _____
Description: _____
Secondary SIC Codes: _____
Description: _____

Description of Operations:

_____

_____

_____

_____

Is facility subject to Categorical Pretreatment Standards? ___ Yes ___ No
If yes, identify specific industrial category:

_____

Visit https://www.epa.gov/eg/industrial-effluent-guidelines#existing for additional information on Categorical Pretreatment Standards.

B. FACILITY OPERATIONAL CHARACTERISTICS

Discharge Status: Proposed
Existing
Modified

If proposed, date user desires to commence operation: ___ / ___ / ___

Number of Employees: Full Time: _____ Part Time: _____
Average number of employees per shift: _____ 1st; _____ 2nd; _____ 3rd
Shift start times: _____ 1st; _____ 2nd; _____ 3rd
Shifts normally worked each day:

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1st							
2nd							
3rd							

C. WATER DATA

1. Raw Water Source(s)	Is it metered? Yes	No
Public Supply		
Private Well		
Surface Water		
Other _____		

2. Water Received: Year 20____
If water source is not metered, indicate below the method of determining the volume. Report volume in gallons.

	Public Supply	Well	Other	Total
1st Quarter				
2nd Quarter				
3rd Quarter				
4th Quarter				
			Grand Total	

Method: _____

3. Water Distribution: Year 20____ (Volume in gallons/year)

A. SRVSA Sanitary Sewer	
B. Storm sewer, River or other point discharge (identify) _____	
C. Contained in product	
D. Evaporation	
E. Waste Haulers	
F. Other _____	
Total:	

How were the above volumes determined?

_____
_____
_____

D. WASTEWATER DISCHARGE

Type of Discharge: Continuous
Batch

If Continuous:
Average Daily Discharge: _____ gallons per day
Maximum Daily Discharge: _____ gallons per day

If Batch:
Average Number of Batches/24 hours _____
Average Volume of Batch _____ gallons
Total Volume per Day _____ gallons per day

Additional notes regarding discharge (e.g. scheduled shutdowns, seasonal variation, etc.)

List facility discharge points, size, flow (attach map showing each)

Describe any pretreatment processes in use:

E. CHEMICAL STORAGE

List chemicals used on site (55-gallons or greater). Include quantity.

Chemical	Quantity

F. HAZARDOUS WASTE GENERATION

Does the facility generate hazardous waste? ___ Yes ___ No
If yes, state disposal method: _____

G. ANALYSIS OF WASTEWATER DISCHARGE

Sampling shall be conducted in accordance with the attached instructions. All parameters must be sampled for at each non-domestic discharge location. Sampling must be conducted within the 6 months preceding application submission for existing dischargers.

Applicants proposing new discharges where sampling cannot be conducted prior to submitting an application should contact the Authority regarding alternate sampling arrangements.

Samples Collected By: _____ Date: _____
Samples Analyzed By: _____ Date: _____
Laboratory Name: _____ State Certification No. _____
Products being manufactured when sample was collected: _____

H. PREPARER INFORMATION

The information contained in this application is familiar to me and to the best of my knowledge and belief; such information is true, complete and accurate.

_____ Date: _____
Signature of Official

_____
Typed or Printed Name & Title of Signing Official

Applications shall be signed by an Authorized Representative. An Authorized Representative may be:

1. A principal executive officer of at least the level of vice president, if the Applicant is a corporation.
2. A general partner or proprietor if the Applicant is a partnership or sole proprietorship, respectively.
3. A duly authorized representative of the individual designated in (1) or (2) if such representative is responsible for the overall operation of the facility from which the discharge originates.

Return completed application and $150 application review fee to:

Executive Director
The Somerset Raritan Valley Sewerage Authority
50 Polhemus Lane
Bridgewater, NJ 08807

SAMPLING INSTRUCTIONS

Sample Collection

Each non-domestic discharge must be sampled. The collection of samples for laboratory analyses should be supervised by a person experienced in performing sampling of industrial wastewater to ensure: that the sample taken is representative of wastewater that contains all processes which contribute during normal operation; that proper sampling techniques are used; that samples are protected and preserved until they are analyzed; and that proper chain of custody procedures are followed. Samples should be collected from the center of the flow channel, where turbulence is at a maximum or any site adequate for the collection of a representative sample. Any specific requirements contained in the applicable analytical methods should be followed.

All non-domestic wastestreams are required to be analyzed for all the parameters listed in the following tables. Grab samples should be used for the following parameters: pH, temperature, cyanide, oil & grease, Total Petroleum Hydrocarbons, and Volatile Organic Compounds. Composite samples shall be used for all other parameters.

Grab and composite samples are defined as follows:

1. Grab Sample. An individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

2. Composite Sample. A composite sample is a collection of individual samples obtained at regular intervals during 24-hour period. The composite must be flow proportional where applicable or the time interval between each aliquot should not exceed 15 minutes. In case of a facility with operating hours of less than 24 hours per day, a combination sample of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of the facility will suffice. SRVSA reserves the right to determine on case by case bases which procedure of obtaining the composite sample will be used.

Analysis

Sample analysis shall be performed by a laboratory certified by the State of New Jersey. Test methods promulgated in 40 CFR Part 136 must be used. If no test method has been promulgated for a particular pollutant, an alternate method for measuring the level of the pollutant may be used provided that a description of the method or a reference to a published method is submitted. Description should include the sample holding times, preservation techniques, and the quality control measures which were used.

Sampling Parameters

Inorganic Parameters (mg/L)	CAS No.
Biochemical Oxygen Demand	
Carbonaceous Biochemical Oxygen Demand, 5-day	
Chemical Oxygen Demand	
Total Organic Carbon	
Total Suspended Solids	
Total Dissolved Solids	
Temperature (°C)	
pH (in standard units)	
Oil & Grease	
Total Petroleum Hydrocarbons	
Color	
Surfactants	
Nitrate (as N)	
Phosphorus (as P), Total	(7723-14-0)
Sulfate (as SO_4)	(14808-79-8)
Ammonia (as N)	
Antimony, Total	
Arsenic, Total	
Barium, Total	(7440-39-3)
Beryllium, Total	
Cadmium, Total	
Chromium, Total	
Copper, Total	
Lead, Total	
Mercury, Total	
Molybdenum, Total	(7439-98-7)
Nickel, Total	
Selenium, Total	
Silver, Total	
Thallium, Total	
Zinc, Total	
Cyanide, Total	

Volatile Organic Compounds (ug/L)	CAS No.
Acrolein	(107-02-8)
Acrylonitrile	(107-13-1)
Benzene	(71-43-2)
Bromoform	(75-25-2)
Carbon Tetrachloride	(56-23-5)
Chlorobenzene	(108-90-7)
Chlorodibromomethane	(124-43-1)
Chloroethane	(75-00-3)
2-Chloroethylvinyl Ether	(110-75-8)
Chloroform	(67-66-3)
Dichlorobromomethane	(75-27-6)
1,1-Dichloroethane	(75-34-3)
1,2-Dichloroethane	(107-06-2)
1,1-Dichloroethylene	(75-35-4)
1,2-Dichloropropane	(78-87-5)
1,3-Dichloropropylene	(542-75-6)
Ethylbenzene	(100-41-4)
Methyl Bromide	(74-83-9)
Methyl Chloride	(74-87-3)
Methylene Chloride	(75-09-2)
1,1,2,2-Tetrachloroethane	(79-34-5)
Tetrachloroethylene	(127-18-4)
Toluene	(108-88-3)
1,2-Trans-Dichloroethylene	(156-60-5)
1,1,1-Trichloroethane	(71-55-6)
1,1,2-Trichloroethane	(79-00-5)
Trichloroethylene	(79-01-6)
Trichlorofluoromethane	(75-69-4)
Vinyl Chloride	(75-01-4)

Semivolatile Organic Compounds (ug/L)	CAS No.
Acenaphthene	(83-32-9)
Acenaphthylene	(208-96-8)
Anthracene	(120-12-7)
Benzidine	(92-87-5)
Benzo (a) Anthracene	(56-55-3)
Benzo (a) Pyrene	(50-32-8)
Benzo (b) Fluoranthene	(205-99-2)
Benzo (ghi) Perlyene	(191-24-2)
Benzo (k) Fluoranthene	(207-08-9)
Bis (2-Chloroethoxy) Methane	(111-91-1)
Bis (2-Chloroethyl) Ether	(111-44-4)
Bis (2-Chloroisopropyl) Ether	(39638-32-9)
Bis (2-Ethylhexyl) Pthalate	(117-81-7)
4-Bromophenyl Phenyl Ether	(101-55-3)
Butyl Benzyl Phthalate	(85-68-7)
2-Chloronaphthalene	(91-58-7)
2-Chlorophenol	(95-57-8)
4-Chlorophenyl Phenyl Ether	(7005-72-3)
Chrysene	(218-01-9)
Dibenzo (a,h) Anthracene	(53-70-3)
1,2-Dichlorobenzene	(95-50-1)
1,3-Dichlorobenzene	(541-73-1)
1,4-Dichlorobenzene	(106-46-7)
3,3’-Dichlorobenzidine	(91-94-1)
2,4-Dichlorophenol	(120-83-2)
Diethyl Phthalate	(86-66-2)
Dimethyl Phthalate	(131-11-3)
2,4-Dimethylphenol	(105-67-9)
Di-N-Butyl Phthalate	(84-74-2)
4,6-Dinitro-O-Cresol	(534-52-1)
2,4-Dinitrophenol	(51-28-5)
2,4-Dinitrotoluene	(121-14-2)
2,6-Dinitrotoluene	(606-20-2)
Di-N-Octyl Phthalate	(117-84-0)
1,2-Diphenyl Hydrazine (as Azobenzene)	(122-66-7)
Fluoranthene	(206-44-0)
Flourene	(86-73-7)
Hexachlorobenzene	(118-74-1)
Hexachlorobutadiene	(87-68-3)
Hexachlorocyclopentadiene	(77-47-4)
Hexachloroethane	(67-72-1)
Indeno (1,2,3-cd) Pryene	(193-39-5)
Isophorone	(78-59-1)
Naphthalene	(91-20-3)
Nitrobenzene	(98-95-3)
2-Nitrophenol	(88-75-5)
4-Nitrophenol	(100-02-7)
N-Nitrosodimethylamine	(62-75-9)
N-Nitrosodi-N-Propylamine	(621-64-7)
N-Nitrosodiphenylamine	(86-30-6)
P-Chloro-M-Cresol	(59-50-7)
Pentachlorophenol	(87-86-5)
Phenanthrene	(85-01-8)
Phenol	(108-95-2)
Phenols	
Pyrene	(129-00-0)
1,2,4-Trichlorbenzene	(120-82-1)
2,4,6-Trichlorophenol	(88-06-2)

Pesticides & PCBs (ug/L)	CAS No.
Aldrin	(309-00-2)
Alpha BHC	(319-84-6)
Beta BHC	(319-85-7)
Gamma BHC	(58-89-9)
Delta BHC	(319-86-8)
Chlordane	(57-74-9)
4,4'-DDT	(50-29-3)
4,4'-DDE	(72-55-9)
4,4'-DDD	(72-54-8)
Dieldrin	(60-57-1)
Alpha Endosulfan	(959-98-8)
Beta Endosulfan	(33213-65-9)
Endosulfan Sulfate	(1031-07-8)
Endrin	(72-20-8)
Endrin Aldehyde	(7421-93-4)
Heptachlor	(76-44-8)
Heptachlor Epoxide	(1024-57-3)
Toxaphene	(8001-35-2)
PCB-1242	(53469-21-9)
PCB-1254	(11097-69-1)
PCB-1221	(11104-28-2)
PCB-1232	(11141-16-5)
PCB-1248	(12672-29-6)
PCB-1260	(11096-82-5)
PCB-1016	(12674-11-2)