



Please complete and submit the enclosed application.

All parameters in the tables must be analyzed for by a New Jersey Certified Laboratory. Test methods promulgated in 40 CFR Part 136 must be used. Section E provides additional instructions for sampling. The most recent analytical data should be used to complete the application. The analytical results must be attached to the completed application.

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

A check for the amount of \$150.00 must accompany the completed 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.

Sincerely,

A handwritten signature in blue ink that reads "Eleanor Hoffman".

Eleanor Hoffman, P.E.
Regulatory Compliance Officer/Assistant Engineer



THE SOMERSET RARITAN VALLEY SEWERAGE AUTHORITY
BRIDGEWATER, NEW JERSEY

APPLICATION FOR NON-DOMESTIC WASTEWATER DISCHARGE

The following information must be reported. Incomplete applications will be returned. Please print or type.

A. GENERAL INFORMATION

Facility Name _____

Location: _____

Mailing Address: _____

Facility DUNS NO: _____

Parent Company: _____

Mailing Address: _____

Primary SIC: Code: _ _ _ _ Description: _____

Secondary SIC Codes: _ _ _ _ Description: _____

 _ _ _ _ Description: _____

 _ _ _ _ Description: _____

Is facility subject to any Categorical Pretreatment Standards? ___ Yes ___ No
If so, under which specific industrial category is the facility subject to?

Contact Official: Name: _____

Title: _____

Address: _____

Work Telephone: _ _ _ - _ _ - _ _ Ext. _ _ _ _

Email: _____

B. FACILITY OPERATIONAL CHARACTERISTICS

Discharge Status: Proposed
 Existing
 Modified

If proposed, date user desires to commence operation: ___ / ___ / ___
 Brief Description of Product(s) Manufactured or Services Provided _____

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
1 st	_____	_____	_____	_____	_____	_____	_____
2 nd	_____	_____	_____	_____	_____	_____	_____
3 rd	_____	_____	_____	_____	_____	_____	_____

C. WATER DATA

1. Raw Water Source(s)	<u>Is it metered?</u>	
	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	Surface	Other	Total
1 st Quarter	_____	_____	_____	_____	_____
2 nd Quarter	_____	_____	_____	_____	_____
3 rd Quarter	_____	_____	_____	_____	_____
4 th Quarter	_____	_____	_____	_____	_____
				Grand Total:	_____

Method of determining volume(s): _____

Describe any pretreatment process in use:

E. ANALYSIS OF WASTEWATER DISCHARGE

Sampling

Each 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 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.

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 none 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.

Completing the application

For proposed (new) discharges, in which the actual wastestream is unavailable for sampling, estimated concentrations for all pollutants anticipated to be discharged shall be provided. The estimated analysis must be verified by sampling and testing the wastestream no later than 30 days following commencement of discharge.

All wastestreams are required to be analyzed for all the parameters listed in the following tables. Composite samples shall be used for all analyses except pH, temperature, cyanide, oil & grease, Volatile Organic Compounds and Total Petroleum Hydrocarbons, which shall use grab samples.

Samples Collected By: _____ Date: _____

Samples Analyzed By: _____ Date: _____

Laboratory Name: _____ State Certification No. _____

Products being manufactured when sample was collected: _____

F. 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.

Signature of Official Date: _____

Typed or Printed Name & Title of Signing Official

Return completed application *and all other correspondence to:
Executive Director, The Somerset Raritan Valley Sewerage Authority, 50
Polhemus Lane, Bridgewater, NJ 08807.

***There is a \$150.00 application review fee.**

All applicants are required to sample for all the following parameters at each discharge point. Refer to the instructions in Section E.

GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (ug/L)	CAS No. If Available
1B Acenaphthene	(83-32-9)
2B Acenaphthylene	(208-96-8)
3B Anthracene	(120-12-7)
4B Benzidine	(92-87-5)
5B Benzo (a) Anthracene	(56-55-3)
6B Benzo (a) Pyrene	(50-32-8)
7B Benzo (b) Fluoranthene	(205-99-2)
8B Benzo (ghi) Perlyene	(191-24-2)
9B Benzo (k) Fluoranthene	(207-08-9)
10B Bis (2-Chloroethoxy) Methane	(111-91-1)
11B Bis (2-Chloroethyl) Ether	(111-44-4)
12B Bis (2-Chloroisopropyl) Ether	(39638-32-9)
13B Bis (2-Ethylhexyl) Pthalate	(117-81-7)
14B 4-Bromophenyl Phenyl Ether	(101-55-3)
15B Butyl Benzyl Phthalate	(85-68-7)
16B 2-Chloronaphthalene	(91-58-7)
17B 4-Chlorophenyl Phenyl Ether	(7005-72-3)
18B Chrysene	(218-01-9)
19B Dibenzo (a,h) Anthracene	(53-70-3)
20B 1,2 Dichlorobenzene	(95-50-1)
21B 1,3 Dichlorobenzene	(541-73-1)
22B 1,4 Dichlorobenzene	(106-46-7)
23B 3,3 Dichlorobenzidine	(91-94-1)
24B Diethyl Phthalate	(86-66-2)
25B Dimethyl Phthalate	(131-11-3)
26B Di-N-Butyl Phthalate	(84-74-2)
27B 2,4 Dinitrotoluene	(121-14-2)
28B 2,6 Dinitrotoluene	(606-20-2)
29B Di-N-Octyl Phthalate	(117-84-0)
30B 1,2 Diphenyl Hydrazine (as Azobenzene)	(122-66-7)
31B Fluoranthene	(206-44-0)
32B Flourene	(86-73-7)
33B Hexachlorobenzene	(118-74-1)
34B Hexachlorobutadiene	(87-68-3)
35B Hexachlorocyclopentadiene	(77-47-4)
36B Hexachloroethane	(67-72-1)
37B Indeno (1,2,3-cd) Pryene	(193-39-5)
38B Isophorone	(78-59-1)
39B Naphthalene	(91-20-3)
40B Nitrobenzene	(98-95-3)
41B N-Nitrosodimethylamine	(62-75-9)
42B N-Nitrosodi-N-Propylamine	(621-64-7)

43B N-Nitrosodiphenylamine	(86-30-6)
44B Phenanthrene	(85-01-8)
45B Pyrene	(129-00-0)
46B 1,2,4 Trichlorbenzene	(120-82-1)

GC/MS FRACTION - PESTICIDES (ug/L)	CAS No. If Available
1P Aldrin	(309-00-2)
2P Alpha BHC	(319-84-6)
3P Beta BHC	(319-85-7)
4P Gamma BHC	(58-89-9)
5P Delta BHC	(319-86-8)
6P Chlordane	(57-74-9)
7P 4.4' DDT	(50-29-3)
8P 4.4' DDE	(72-55-9)
9P 4.4' DDD	(72-54-8)
10P Dieldrin	(60-57-1)
11P Alpha Endosulfan	(959-98-8)
12P Beta Endosulfan	(33213-65-9)
13P Endosulfan Sulfate	(1031-07-8)
14P Endrin	(72-20-8)
15P Endrin Aldehyde	(7421-93-4)
16P Heptachlor	(76-44-8)
17P Heptachlor Epoxide	(1024-57-3)
18P PCB-1242	(53469-21-9)
19P PCB-1254	(11097-69-1)
20P PCB-1221	(11104-28-2)
21P PCB-1232	(11141-16-5)
22P PCB-1248	(12672-29-6)
23P PCB-1260	(11096-82-5)
24P PCB-1016	(12674-11-2)
25P Toxaphene	(8001-35-2)

GC/MS FRACTION - VOLATILE COMPOUNDS (ug/L)	CAS No. If Available
1V Acrolein	(107-02-8)
2V Acrylonitrile	(107-13-1)
3V Benzene	(71-43-2)
4V Bis chloromethyl ether	(542-88-1)
5V Bromoform	(75-25-2)
6V Carbon Tetrachloride	(56-23-5)
7V Chlorobenzene	(108-90-7)
8V Chlorodibromomethane	(124-43-1)
9V Chloroethane	(75-00-3)
10V 2-Chloroethylvinyl Ether	(110-75-8)
11V Chloroform	(67-66-3)
12V Dichlorobromomethane	(75-27-6)

13V Dichlorodifluoromethane	(75-71-8)
14V 1,1 Dichloroethane	(75-34-3)
15V 1,2 Dichloroethane	(107-06-2)
16V 1,1 Dichloroethylene	(75-35-4)
17V 1,2 Dichloropropane	(78-87-5)
18V 1,3 Dichloropropylene	(542-75-6)
19V Ethylbenzene	(100-41-4)
20V Methyl Bromide	(74-83-9)
21V Methyl Chloride	(74-87-3)
22V Methylene Chloride	(75-09-2)
23V 1,1,2,2, Tetrachloroethane	(79-34-5)
24V Tetrachloroethylene	(127-18-4)
25V Toluene	(108-88-3)
26V 1,2 Trans-Dichloroethylene	(156-60-5)
27V 1,1,1 Trichloroethane	(71-55-6)
28V 1,1,2 Trichloroethane	(79-00-5)
29V Trichloroethylene	(79-01-6)
30V Trichlorofluoromethane	(75-69-4)
31V Vinyl Chloride	(75-01-4)

GC/MS FRACTION - ACID COMPOUNDS (ug/L)	CAS No. If Available
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1A 2 Chlorophenol	(95-57-8)
2A 2,4 Dichlorophenol	(120-83-2)
3A 2,4 Dimethylphenol	(105-67-9)
4A 4,6 Dinitro-O-Cresol	(534-52-1)
5A 2,4 Dinitrophenol	(51-28-5)
6A 2-Nitrophenol	(88-75-5)
7A 4-Nitrophenol	(100-02-7)
8A P-Chloro-M-Cresol	(59-50-7)
9A Pentachlorophenol	(87-86-5)
10A Phenol	(108-95-2)
11A 2,4,6 Trichlorophenol	(88-06-2)

INORGANIC PARAMETERS (mg/L, unless noted)	CAS No. If Available
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Biochemical Oxygen Demand
Carbonaceous Biological Oxygen Demand
Chemical Oxygen Demand
Total Organic Carbon
Total Suspended Solids
Total Dissolved Solids
Temperature (°C)
pH (in standard units)
Oil & Grease
Total Petroleum Hydrocarbons
Color

Fecal Coliform	
Surfactants	
Bromide	(24959-67-9)
Chlorine, Total Residual	
Fluoride	(16984-48-8)
Nitrate-Nitrite (as N)	
Nitrogen, Total Organic (as N)	
Phosphorus (as P), Total	(7723-14-0)
Sulfate (as SO ₄)	(14808-79-8)
Sulfide (as S)	
Ammonia (as N)	
Aluminum, Total	(7429-90-5)
Antimony, Total	
Arsenic, Total	
Barium, Total	(7440-39-3)
Beryllium, Total	
Boron, Total	
Cadmium, Total	
Chromium, Total	
Copper, Total	
Iron, Total	
Lead, Total	
Magnesium, Total	(7439-95-4)
Manganese, Total	
Mercury, Total	
Molybdenum, Total	(7439-98-7)
Nickel, Total	
Selenium, Total	
Silver, Total	
Thallium, Total	
Tin, Total	(7440-31-5)
Titanium, Total	(7440-32-6)
Zinc, Total	
Cyanide, Total	