Industry: _____

TINICUM TOWNSHIP

Industrial Wastewater Discharge Questionnaire

SECTION A - GENERAL INFORMATION

1. Company Name: _____

2. Mailing Address: _____

   _____ Zip Code: _____

3. Plant Location (if different from mailing address): _____

   _____ Zip Code: _____

4. Name and Title of Plant Contact Person: _____

   _____ Phone No.: _____

5. Name and Title of Alternate Contact Person: _____

   _____ Phone No.: _____

6. Standard Industrial Classification (SIC) Code(s): _____

7. Do you have an NPDES Permit? O Yes O No If yes, Permit No. _____
   (Please provide a copy of your permit with this questionnaire)

8. Is discharge proposed or existing? O Proposed O Existing
   If proposed, anticipated date of discharge commencement: _____

9. Number of Employees: _____ Number of Shifts: _____

   Shift hours: 1st _____ 2nd _____ 3rd _____

   Employees/Shift: 1st _____ 2nd _____ 3rd _____

   Number of Days/Week plant will be in operation: _____

10. Is operation subject to seasonal variation? O Yes O No

If yes, list months of peak operation:_____

11. Will operation shut down for vacation, maintenance, or other reasons?

O Yes O No If yes, indicate months of shutdown._____

SECTION B - WATER SOURCES AND USAGE

1. What is the source and volume of plant water used?:

	Average Gallons Per Month
Municipal	_____
Private Well	_____
Surface Water	_____
Other (specify):_____	_____
TOTAL	_____

2. Name on the water bill: _____

3. Water Service Account Number(s): (1) _____

(2) _____

(3) _____

SECTION C - U.S. ENVIRONMENTAL PROTECTION AGENCY PRIORITY POLLUTANTS

1. Please indicate by checking the appropriate box after each listed chemical on the following 2 pages, if it satisfies any of the following criteria:
   a. present or is suspected to be present in the wastewater discharge.
   b. will be used in your manufacturing or service activity.
   c. generated as a by-product but not discharged.

   Some compounds are known by other names.

2. If you plan to use any of the listed compounds in any phase of your manufacturing process or for any other purpose in you facility, please attach the Materials Safety Data Sheets (MSDS) for these compounds to this questionnaire.

Environmental Protection Agency
Priority Pollutants

Chemical Compound	Known Discharged	Suspected Discharged	Used But Not Discharged
1. asbestos (fibrous)	☐	☐	☐
2. cyanide (total)	☐	☐	☐
3. antimony (total)	☐	☐	☐
4. arsenic (total)	☐	☐	☐
5. beryllium (total)	☐	☐	☐
6. cadmium (total)	☐	☐	☐
7. chromium (total)	☐	☐	☐
8. copper (total)	☐	☐	☐
9. lead (total)	☐	☐	☐
10. mercury (total)	☐	☐	☐
11. nickel (total)	☐	☐	☐
12. selenium (total)	☐	☐	☐
13. silver (total)	☐	☐	☐
14. thallium (total)	☐	☐	☐
15. zinc (total)	☐	☐	☐
16. manganese (total)	☐	☐	☐
17. acenaphthene	☐	☐	☐
18. acenaphthylene	☐	☐	☐
19. acrolein	☐	☐	☐
20. acrylonitrile	☐	☐	☐
21. aldrin	☐	☐	☐
22. anthracene	☐	☐	☐
23. benzene	☐	☐	☐
24. benzidine	☐	☐	☐
25. benzo (a) anthracene	☐	☐	☐
26. benzo (a) pyrene	☐	☐	☐
27. 3,4-benzofluoranthene	☐	☐	☐
28. benzo (g,h,i) perylene	☐	☐	☐
29. benzo (k) flouranthene	☐	☐	☐
30. a-BHC (alpha)	☐	☐	☐
31. b-BHC (beta)	☐	☐	☐
32. d-BHC (delta)	☐	☐	☐

Chemical Compound	Known Discharged	Suspected Discharged	Used But Not Discharged
33. g-BHC (gamma)	☐	☐	☐
34. bis (2-chloroethyl ether	☐	☐	☐
35. bis (2-chloroethoxy) methane	☐	☐	☐
36. bis (2-isopropyl) ether	☐	☐	☐
37. bis (2-ethlyhexyl) phthalate	☐	☐	☐
38. bromodichloromethane	☐	☐	☐
39. bromoform	☐	☐	☐
40. bromomethane	☐	☐	☐
41. 4-bromophenyl phenyl ether	☐	☐	☐
42. butyl benzyl phthalate	☐	☐	☐
43. carbon tetrachloride	☐	☐	☐
44. chlordane	☐	☐	☐
45. 4-chloro-3-methylphenol	☐	☐	☐
46. chlorobenzene	☐	☐	☐
47. chloroethane	☐	☐	☐
48. 2-chloroethyl vinyl ether	☐	☐	☐
49. chloroform	☐	☐	☐
50. chloromethane	☐	☐	☐
51. 2-chloronaphthalene	☐	☐	☐
52. 2-chlorophenol	☐	☐	☐
53. 4-chlorophenyl phenyl ether	☐	☐	☐
54. chrysene	☐	☐	☐
55. 4,4'-DDD	☐	☐	☐
56. 4,4'-DDE	☐	☐	☐
57. 4,4'-DDT	☐	☐	☐
58. dibenzo (a,h) anthracene	☐	☐	☐
59. dibromochloromethane	☐	☐	☐
60. 1,2-dichlorobenzene	☐	☐	☐
61. 1,3-dichlorobenzene	☐	☐	☐
62. 1,4-dichlorobenzene	☐	☐	☐
63. 3,3'-dichlorobenzidine	☐	☐	☐
64. 1,1-dichloroethane	☐	☐	☐

Environmental Protection Agency
Priority Pollutants

Chemical Compound	Known Discharged	Suspected Discharged	Used But Not Discharged
65. 1,2-dichloroethane	☐	☐	☐
66. 1,1-dichloroethene	☐	☐	☐
67. 1,2-trans-dichloroethylene	☐	☐	☐
68. 2,4-dichlorophenol	☐	☐	☐
69. 1,2-dichloropropane	☐	☐	☐
70. (cis & trans) 1,3-dichloro-nitrobenzene	☐	☐	☐
71. dieldrin	☐	☐	☐
72. diethyl phthalate	☐	☐	☐
73. 2,4-dimethylphenolpropylamine	☐	☐	☐
74. dimethyl phthalatenitrosodiphenylamine	☐	☐	☐
75. di-n-butyl phthalate	☐	☐	☐
76. di-n-octyl phthalate	☐	☐	☐
77. 4,6-dinitro-o-cresol	☐	☐	☐
78. 2,4-dinitrophenol	☐	☐	☐
79. 2,4-dinitrotoluene	☐	☐	☐
80. 2,6-dinitrotoluene	☐	☐	☐
81. 1,2-diphenylhtdrazine	☐	☐	☐
82. a-endosulfan (alpha)	☐	☐	☐
83. b-endosulfan (beta)	☐	☐	☐
84. endosulfan sulfate	☐	☐	☐
85. endrinpyrene	☐	☐	☐
86. endrin aldehyde	☐	☐	☐
87. ethylbenzene	☐	☐	☐
88. fluoranthene	☐	☐	☐
89. fluorene	☐	☐	☐
90. heptachlor	☐	☐	☐
91. heptachlor epoxide	☐	☐	☐
92. hexachlorobenzene	☐	☐	☐
93. hexachlorobutadiene	☐	☐	☐
94. hexachloro-trichloroethane	☐	☐	☐
95. hexachloroethane	☐	☐	☐
96. indeno (1,2,3-cd) pyrene	☐	☐	☐
97. isophorone	☐	☐	☐
98. methylene chloride	☐	☐	☐
99. naphthalene	☐	☐	☐
100. propene	☐	☐	☐
101. 2-nitrophenol	☐	☐	☐
102. 4-nitrophenol	☐	☐	☐
103. N-nitrosodimehylamine	☐	☐	☐
104. N-nitrosodi-n-propylamine	☐	☐	☐
105. N-nitrosodiphenylamine	☐	☐	☐
106. PCB-1016	☐	☐	☐
107. PCB-1221	☐	☐	☐
108. PCB-1232	☐	☐	☐
109. PCB-1242	☐	☐	☐
110. PCB-1248	☐	☐	☐
111. PCB-1254	☐	☐	☐
112. PCB-1260	☐	☐	☐
113. pentachlorophenol	☐	☐	☐
114. phenanthrene	☐	☐	☐
115. phenol	☐	☐	☐
116. pyrene	☐	☐	☐
117. 2,3,7,8-tetrachlorodibenzo-ethylbenzene	☐	☐	☐
118. 1,1,2,2-tetrachloroethane	☐	☐	☐
119. tetrachloroethylene	☐	☐	☐
120. toluene	☐	☐	☐
121. toxaphene	☐	☐	☐
122. 1,2,4-trichlorobenzene	☐	☐	☐
123. 1,1,1-trichloroethane	☐	☐	☐
124. 1,1,2-trichloroethane	☐	☐	☐
125. trichloroethylene	☐	☐	☐
126. 2,4,6-trichlorophenol	☐	☐	☐
127. vinyl chloride	☐	☐	☐

Industry:_____

SECTION D - PROCESS AND WASTE INFORMATION

1. If your facility employs processes in any of the following industrial categories or business activities listed below and any of these processes generate wastewater or waste sludge, place a check beside the category or business activity (check all that apply).

- O Adhesives
- O Aluminum Forming
- O Battery Manufacturing
- O Beverage Bottler
- O Car Wash\Laundry
- O Coal Mining
- O Coil Coating
- O Copper Forming
- O Dairy Products
- O Electric & Electronic Components
- O Electroplating
- O Explosives Manufacturing
- O Food\Edible Products Processor
- O Foundries
- O Gum & Wood Chemicals
- O Inorganic Chemicals
- O Iron & Steel
- O Leather Tanning & Finishing
- O Mechanical Products
- O Nonferrous Metals
- O Ore Mining
- O Organic Chemicals
- O Paint and Ink
- O Pesticides
- O Petroleum Refining
- O Pharmaceuticals
- O Photographic Supplies
- O Plastics Processing
- O Plastics\Synthetics
- O Porcelain Enamel
- O Printing and Publishing
- O Pulp and Paper
- O Rubber
- O Soaps and Detergents
- O Steam Electric
- O Textile Mills
- O Timber
- O Slaughter\Meat Packing\Rendering

2. Provide a brief narrative description of the manufacturing, production, or service activities your firm conducts. (Use additional sheets if necessary).

_____

_____

_____

_____

_____

3. Manufacturing process will be: O Continuous O Batch

4. Principal product(s) produced:_____

_____

5. Is this industry subject to EPA Categorical Pretreatment Standards? O Yes O No
(facilities checking any of the items listed in Section D1 may be a categorical industry)
If yes, state which standards apply: _____

_____

Will the discharge comply with these standards? O Yes O No

6. Raw materials and process additives used (Please attach any Material Safety Data Sheets (MSDS)): _____

_____

_____

_____

7. Are any process changes or expansions planned during the next three years?
O Yes O No
If yes, attach a separate sheet to this form describing the nature of the planned changes or expansions.

8. This facility will generate the following types of wastes (check all that apply):

		Average gallons per month	
a.	O Restrooms, showers, etc.	_____	O estimated O measured
b.	O Cooling water, non-contact	_____	O estimated O measured
c.	O Boiler/Tower blowdown	_____	O estimated O measured
d.	O Cooling water, contact	_____	O estimated O measured
e.	O Process	_____	O estimated O measured
f.	O Equipment/Facility wash down	_____	O estimated O measured
g.	O Air Pollution Control	_____	O estimated O measured
h.	O Storm water runoff to sewer	_____	O estimated O measured
i.	O Other (describe):	_____	O estimated O measured
	_____		
	TOTAL - 8a to 8i:	_____	

9. Wastes will be discharged to (check all that apply):

	Average gallons per month	
O Sanitary Sewer	_____	O estimated O measured
O Storm sewer	_____	O estimated O measured
O Surface Water	_____	O estimated O measured
O Ground Water	_____	O estimated O measured
O Waste Haulers	_____	O estimated O measured
O Evaporation	_____	O estimated O measured
O Other (describe): _____	_____	O estimated O measured
TOTAL	_____	

Note: If you did not check one or more of the items listed in Section D, Items 8d through 8i above, please proceed to, and complete Section I of this survey questionnaire. If any of the items in 8d through 8i were checked, complete the remainder of this survey questionnaire.

SECTION E - SEWER INFORMATION

1. Do you plan to meter your wastewater discharge to the sewer system?
   O Yes O No
   Meter will be located: O In-Plant O Outside metering manhole

2. Will the discharge to the sewer system be: O Intermittent O Continuous

3. Is industrial waste segregated or combined with domestic waste?
   O Combined O Segregated
   If combined, with which wastes? _____

4. List average water usage for process purposes, resultant average wastewater discharge and average rate of product production.

	Process A	Process B	Process C
a. Process description	_____	_____	_____
b. SIC Code	_____	_____	_____
c. Is process (check)	__ batch __ continuous __ both	__ batch __ continuous __ both	__ batch __ continuous __ both
d. If batch, number per day	_____	_____	_____

5. Is this industry subject to EPA Categorical Pretreatment Standards? O Yes O No
(facilities checking any of the items listed in Section D1 may be a categorical industry)
If yes, state which standards apply: _____

_____

Will the discharge comply with these standards? O Yes O No

6. Raw materials and process additives used (Please attach any Material Safety Data Sheets (MSDS)): _____

_____

_____

_____

7. Are any process changes or expansions planned during the next three years?
O Yes O No
If yes, attach a separate sheet to this form describing the nature of the planned changes or expansions.

8. This facility will generate the following types of wastes (check all that apply):

		Average gallons per month	
a.	O Restrooms, showers, etc.	_____	O estimated O measured
b.	O Cooling water, non-contact	_____	O estimated O measured
c.	O Boiler/Tower blowdown	_____	O estimated O measured
d.	O Cooling water, contact	_____	O estimated O measured
e.	O Process	_____	O estimated O measured
f.	O Equipment/Facility wash down	_____	O estimated O measured
g.	O Air Pollution Control	_____	O estimated O measured
h.	O Storm water runoff to sewer	_____	O estimated O measured
i.	O Other (describe):	_____	O estimated O measured

_____

TOTAL - 8a to 8i: _____

9. Wastes will be discharged to (check all that apply):

	Average gallons per month	
O Sanitary Sewer	_____	O estimated O measured
O Storm sewer	_____	O estimated O measured
O Surface Water	_____	O estimated O measured
O Ground Water	_____	O estimated O measured
O Waste Haulers	_____	O estimated O measured
O Evaporation	_____	O estimated O measured
O Other (describe): _____	_____	O estimated O measured
TOTAL	_____	

Note: If you did not check one or more of the items listed in Section D, Items 8d through 8i above, please proceed to, and complete Section I of this survey questionnaire. If any of the items in 8d through 8i were checked, complete the remainder of this survey questionnaire.

SECTION E - SEWER INFORMATION

1. Do you plan to meter your wastewater discharge to the sewer system?
   O Yes O No
   Meter will be located: O In-Plant O Outside metering manhole

2. Will the discharge to the sewer system be: O Intermittent O Continuous

3. Is industrial waste segregated or combined with domestic waste?
   O Combined O Segregated
   If combined, with which wastes? _____

4. List average water usage for process purposes, resultant average wastewater discharge and average rate of product production.

	Process A	Process B	Process C
a. Process description	_____	_____	_____
b. SIC Code	_____	_____	_____
c. Is process (check)	__ batch __ continuous __ both	__ batch __ continuous __ both	__ batch __ continuous __ both
d. If batch, number per day	_____	_____	_____

f.	Average water use *	_____	_____	_____
g.	Average wastewater discharge *	_____	_____	_____
h.	Peak wastewater discharge *	_____	_____	_____
i.	Is wastewater discharge	__ batch __ continuous __ both	__ batch __ continuous __ both	__ batch __ continuous __ both
j.	If batch, number per day	_____	_____	_____
k.	Average rate of product production (specify units)	_____	_____	_____

* gallons/day

5. Please list the following discharge flows and specify units:

		Units
	Average daily flow	_____
	Average weekly flow	_____
	Peak daily flow	_____
	Maximum monthly flow	_____

6. Period of Maximum Discharge (time) _____ Rate (gph) _____
   Period of Minimum Discharge (time) _____ Rate (gph) _____

7. Plant sewer connections to public systems. (List multiple connections separately).

	Size of Plant Sewers	Pipe Material	Is Connection at a Manhole?	Location
a.	_____	_____	_____	_____
b.	_____	_____	_____	_____
c.	_____	_____	_____	_____

8. Does your facility have any floor drains which tie into the sanitary sewer system?

   O Yes O No

   If yes, please specify locations, drain pipe sizes and floor drain use. Also, indicate what protective measures have been taken to prevent the discharge of process wastewater or chemical spills or leaks to the sanitary sewer system through these drains (Use additional sheets if necessary).

_____

_____

_____

_____

PLEASE PROVIDE 2 COPIES OF SITE PLAN, NOTING ALL DRAINS, PROCESS WATER PIPING, PRETREATMENT EQUIPMENT, ETC.

SECTION F - CHARACTERISTICS OF DISCHARGES

1. Indicate by checking the constituents that will, or may be present in your wastewater discharge as a result of your plant's operations.

- O Algicides
- O Ammonia
- O Coolants
- O Disinfectants
- O Dissolved Metals & Cyanide*
- O Dyes, Paints, or Inks
- O Flammable Substances
- O Fluorides
- O Grindings or Metal Shavings
- O High pH (caustics etc.)
- O High Temperature Wastes
- O Hydrocarbons
- O Low pH (acids)
- O Nitrates
- O Oil and Grease (animal/vegetable)
- O Oil and Grease (petroleum)
- O Pesticides
- O PCB's
- O Phosphorus
- O Radioactive Substances**
- O Rubber, Latex, Plastic, Glass
- O Salt Brines
- O Shredded Garbage
- O Solvents**
- O Sulfates
- O Sulfides
- O Surfactants (detergents)
- O Others: _____

_____

* Metals include antimony, arsenic, cadmium, chromium, copper, lead, manganese, mercury, nickel, silver, and zinc.

** Specify: _____

_____

2. If any wastewater analyses have been performed on the wastewater discharges from your facilities, attach a copy of the three most recent reports to this questionnaire. Be sure to include the date of the analysis, name of laboratory performing the analysis, and location(s) from which sample(s) were taken. (Attach sketches, plans, etc. as necessary)

3. Does your company keep a continuous record of wastewater pH? O Yes O No

SECTION G - WASTEWATER PRETREATMENT

1. Is any form of pretreatment (see list below) used or planned for this facility?

O Yes O No

If no, skip to Section H.

2. Check below the type of pretreatment in use or planned for this facility.
   - O Air flotation
   - O Centrifuge
   - O Chemical precipitation
   - O Cyclone
   - O Filtration
   - O Flow equalization
   - O Grease or oil separation - Type: _____
   - O Grease trap
   - O Grit removal
   - O Ion exchange
   - O Neutralization/pH adjustment
   - O Ozonation
   - O Reverse osmosis
   - O Screens
   - O Sedimentation
   - O Septic tank
   - O Solvent separation
   - O Spill protection
   - O Sump
   - O Biological treatment - type:
   - O Rainwater diversion or storage: _____
   - O Other chemical treatment: _____
   - O Other physical treatment: _____
   - O No pretreatment provided
   - O Other: _____
     _____

3. Please furnish a process flow diagram and copies of any design drawings for any existing or planned pretreatment system. Include process equipment by-products, by-product disposal method, concentrations, waste and by-product volumes, design and operating conditions.

4. Are any additions or modifications planned for the existing pretreatment process within the next three (3) years?
   O Yes O No

5. Does your facility have a spill prevention and containment plan in effect.
   O Yes O No
   If yes, provide a copy of the plan with this questionnaire.

Industry: _____

SECTION H - NON-DISCHARGED WASTES

1. Will there be any wastes, by-products, or sludges received or generated and not disposed of in the sewer system? O Yes O No
   If no, skip the remainder of Section H. If yes, these wastes may best be described and quantified as (check all that apply):

	Estimated Quantity per Year	Units
O Acid and Alkalies	_____	____
O Grease	_____	____
O Heavy Metals	_____	____
O Herbicides	_____	____
O Inks /Dyes	_____	____
O Oil	_____	____
O Organic Compounds	_____	____
O Paints	_____	____
O Pesticides	_____	____
O Plating Wastes	_____	____
O Pretreatment Sludges	_____	____
O Thinners	_____	____
O Waste Solvents	_____	____

O Other (Specify): _____

_____

2. For the above checked wastes, does your company practice:
   OOn-site storage OOn-site disposal OOff-site storage OOff-site disposal

3. Describe methods of storing these wastes, including storage locations, size and type of containers, and methods for containing leaks and spills.

   _____

   _____

4. If an outside firm will remove any of the above checked wastes, state the name(s) and address(es) of the waste haulers:

   1. _____ 2. _____

   _____ _____

   _____ _____

   _____ _____

   Permit No.: _____ Permit No.: _____

5. Will any of your substances require Resource Conservation and Recovery Act (RCRA) Permits? O Yes O No
If yes, please specify: _____

_____

EPA Generator Number: _____

SECTION I - CERTIFICATION

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted questionnaire is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.

_____ _____
Signature of Official Date

Note to signing official: In accordance with Title 40 of the Code of Federal Regulations (CFR), Part 403, Section 403.14, the information and data provided in this questionnaire, which identifies the nature and frequency of discharge, shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR, Part 2. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.