NEWTOWN, BUCKS COUNTY
JOINT MUNICIPAL AUTHORITY
Wastewater Discharge Questionnaire

SECTION A - GENERAL INFORMATION

1. Company Name: _____

2. Mailing Address: _____

   _____ Zip Code: _____

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

   _____ Zip Code: _____

4. Name and Title of Facility Contact Person: _____

   _____ Phone No.: _____

5. Name and Title of Alternate Contact Person: _____

   _____ Phone No.: _____

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

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

   _____

   _____

   _____

   _____

   _____

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

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

10. Number of Employees: _____ Number of Shifts: _____

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

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

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

11. Is operation subject to seasonal variation? ○ Yes ○ No

    If yes, list months of peak operation: _____

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

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

SECTION B - WATER SOURCES AND USAGE

1. What is the source and volume of facility 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) _____

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

Company Name: _____

		Average gallons per month	
a.	○ Restrooms, showers, etc.	_____	○ estimated ○ measured
b.	○ Cooling water, non-contact	_____	○ estimated ○ measured
c.	○ Boiler/Tower blowdown	_____	○ estimated ○ measured
d.	○ Cooling water, contact	_____	○ estimated ○ measured
e.	○ Process	_____	○ estimated ○ measured
f.	○ Equipment/Facility wash down	_____	○ estimated ○ measured
g.	○ Air Pollution Control	_____	○ estimated ○ measured
h.	○ Storm water runoff to sewer	_____	○ estimated ○ measured
i.	○ Other (describe):	_____	○ estimated ○ measured
	_____		
	TOTAL - 4a to 4i :	_____	

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

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

Note: If you did not check one or more of the items listed in Section B, Items 4c through 4i above, please proceed to, and complete Section I of this survey questionnaire. If any of the items in 4c through 4i were checked, complete the remainder of this survey questionnaire.

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

1. Using the following discharge criteria, please check the appropriate box after each listed chemical on the following 2 pages:
   - **Known Discharged** - present in the wastewater discharge.
   - **Potentially Discharged** - possibly or potentially present in the wastewater discharge.
   - **Used But Not Discharged** - used, or 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, or they are contained in any compounds used 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)	☐	☐	☐
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	☐	☐	☐

Company Name: _____

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).

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

○ other _____

2. Manufacturing process will be: ○ Continuous ○ Batch

3. Principal product(s) produced: _____

_____

_____

4. Is this industry subject to EPA Categorical Pretreatment Standards? ○ Yes ○ 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? ○ Yes ○ No

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

_____

_____

6. 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.

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-Facility 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. Facility sewer connections to public systems. (List multiple connections separately).

	Size of Facility 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?

   ○ Yes ○ 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 facility's operations.

- ○ Algicides
- ○ Ammonia
- ○ Coolants
- ○ Disinfectants
- ○ Dissolved Metals & Cyanide*
- ○ Dyes, Paints, or Inks
- ○ Oil and Grease (animal/vegetable)
- ○ Oil and Grease (petroleum)
- ○ Pesticides
- ○ PCB's
- ○ Phosphorus
- ○ Radioactive Substances**

- ○ Flammable Substances
- ○ Fluorides
- ○ Grindings or Metal Shavings
- ○ High pH (caustics etc.)
- ○ High Temperature Wastes
- ○ Hydrocarbons
- ○ Low pH (acids)
- ○ Nitrates
- ○ Others: _____

_____

- ○ Rubber, Latex, Plastic, Glass
- ○ Salt Brines
- ○ Shredded Garbage
- ○ Solvents**
- ○ Sulfates
- ○ Sulfides
- ○ Surfactants (detergents)

* 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? ○ Yes ○ No

SECTION G - WASTEWATER PRETREATMENT

1. Is any form of pretreatment (see list below) used or planned for this facility?
   ○ Yes ○ No
   If no, skip to Section H.
2. Check the type of pretreatment process or equipment used or planned for this facility.
   - ○ Air flotation
   - ○ Centrifuge
   - ○ Chemical precipitation
   - ○ Cyclone
   - ○ Filtration
   - ○ Flow equalization
   - ○ Grease or oil separation - Type: _____
   - ○ Grease trap
   - ○ Grit removal
   - ○ Ion exchange
   - ○ Neutralization/pH adjustment
   - ○ Ozonation
   - ○ Reverse osmosis

- ○ Screens
- ○ Sedimentation
- ○ Septic tank
- ○ Solvent separation
- ○ Spill protection
- ○ Sump
- ○ Biological treatment - type:
- ○ Rainwater diversion or storage: _____
- ○ Other chemical treatment: _____
- ○ Other physical treatment: _____
- ○ No pretreatment provided
- ○ 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?

   ○ Yes ○ No

5. Does your facility have a spill prevention and containment plan in effect.

   ○ Yes ○ No

   If yes, provide a copy of the plan with this questionnaire.

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? ○ Yes ○ 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
○ Acid and Alkalies	_____	_____
○ Grease	_____	_____
○ Heavy Metals	_____	_____
○ Herbicides	_____	_____
○ Inks /Dyes	_____	_____
○ Oil	_____	_____
○ Organic Compounds	_____	_____

	Estimated Quantity per Year	Units
❍ Paints	_____	_____
❍ Pesticides	_____	_____
❍ Plating Wastes	_____	_____
❍ Pretreatment Sludges	_____	_____
❍ Thinners	_____	_____
❍ Waste Solvents	_____	_____

❍ Other (Specify): _____

_____

2. For the above checked wastes, does your company practice:
   ❍On-site storage ❍On-site disposal ❍Off-site storage ❍Off-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? ❍ Yes ❍ 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.