





5. List type of product produced and rate of production:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. List type of by-products (if any), amounts, and means of disposal:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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SECTION B – PLANT OPERATIONAL CHARACTERISTICS

1. Shift Information:

a. Number of shifts per work day:

1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_

b. Work days per week:

4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_ 7 \_\_\_\_\_

c. Average number of employees per shift:

1st \_\_\_\_\_ 2nd \_\_\_\_\_ 3rd \_\_\_\_\_

d. Shift start times

1st \_\_\_\_\_ 2nd \_\_\_\_\_ 3rd \_\_\_\_\_

2. Is operation subject to seasonal variation: \_\_\_\_\_ Yes \_\_\_\_\_ No

If "yes", indicate:

a. Seasonal maximum waste flow \_\_\_\_\_ gallons per day during months of

\_\_\_\_\_

b. Seasonal minimum waste flow \_\_\_\_\_ gallons per day during months of

\_\_\_\_\_

3. Does scheduled operation shut down for vacation, maintenance or other reasons?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If "yes", indicate period when shut down occurs: \_\_\_\_\_

4. Are major processes:

\_\_\_\_\_ Batch \_\_\_\_\_ Continuous \_\_\_\_\_ Both \_\_\_\_\_ % Batch \_\_\_\_\_ % Continuous

a. Average number of batches per work day: \_\_\_\_\_

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SECTION C - WATER USAGE

1. Water Sources (Check as many as are applicable):

\_\_\_\_\_ Zanesville City Water Department \_\_\_\_\_ Private Well  
\_\_\_\_\_ Surface Water \_\_\_\_\_ Other (Specify): \_\_\_\_\_

2. Name on Water Bill: \_\_\_\_\_

3. Water Service Account Number(s): \_\_\_\_\_

4. List volumes of water billed to above account numbers for the past year:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. List average water usage on premises:

Type	Average Water Usage (gallons per day)
a. Cooling Water	_____
b. Boiler Feed	_____
c. Process	_____
d. Sanitary	_____
e. Plant & Equipment Washdown	_____
f. Other (Specify): _____	_____
g. Total of a through f	_____

6. Describe any water treatment or conditioning process utilized:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

7. List average volume of discharge or water losses to:

	Estimated Average Discharge (gallons per day)
a. City Sewer	_____
b. Watercourse, Storm Drain, Ground	_____
c. Waste Haulers	_____
d. Septic Tank	_____
e. Evaporation	_____
f. Contained in Product	_____
g. Other (Specify): _____	_____
h. Total of a through g	_____ *

\* Note: Line h must equal line g in #5 above.

8. List average water usage and average wastewater discharge for SIC processes itemize in Section A (attach additional sheets if needed):

<u>Brief Process Description</u>	<u>SIC Number</u>	<u>Average Usage</u> (gallons per day)	<u>Estimated Average Discharge</u> (gallons per day)
a. _____	_____	_____	_____
b. _____	_____	_____	_____
c. _____	_____	_____	_____

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SECTION D – SEWER INFORMATION

1. Attach a scaled drawing of your plant site showing the location of all sewers. Assign a sequential reference number to each sewer starting with No. 1. Also show location of possible sampling points for these sewers and sampling point for regulated SIC processes. For reference and field orientation, buildings, streets, alleys and other pertinent physical structures should be included.
2. By reference number, list size, descriptive location and flow of each sewer shown in item D-1. (If more than 3, attach additional information on another sheet.)

<u>Reference Number</u>	<u>Sewer Size</u> (inches)	<u>Descriptive Location of Sewer Connection or Discharge Point</u>	<u>Average Flow</u> (gallons per day)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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SECTION E - WASTEWATER INFORMATION

1. Does this facility discharge any wastewater other than from restrooms, cafeterias or uncontaminated cooling water?

\_\_\_\_\_ Yes If the answer to this question is yes, complete the remainder of this application.

\_\_\_\_\_ No If the answer to this question is no, please complete Section F, Items 1 & 2; you may skip the remainder of the application.

2. Please indicate the quantities discharged from the activities indicated below in units of gallons per day. (Refer to Section C, Items, 5, 7 and 8). The quantities are to be given for each sewer receiving the discharge. Place an asterisk on any outfall discharging to a storm drain or surface course and give the NPDES Permit Number.

Discharge Quantity by Sewer Referenced in D-2

Type	1	2	3	Total (Refer to C5, 7 & 8)		
Process (from C-8)	_____	_____	_____	_____	_____	_____
a. ....	_____	_____	_____	_____	_____	_____
b. ....	_____	_____	_____	_____	_____	_____
c. ....	_____	_____	_____	_____	_____	_____
Sanitary	_____	_____	_____	_____	_____	_____
Boiler	_____	_____	_____	_____	_____	_____
Cooling/Uncontaminated Water	_____	_____	_____	_____	_____	_____
Plant & Equipment Washdown	_____	_____	_____	_____	_____	_____
Air Pollution Control Liquid Waste	_____	_____	_____	_____	_____	_____
Other (Specify)	_____	_____	_____	_____	_____	_____
Total (Refer To D-2)	_____	_____	_____	_____	_____	_____
*NPDES Permit #	_____	_____	_____	_____	_____	_____

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SECTION F - CHARACTERISTICS OF DISCHARGES

1. Check the item(s) which indicate substances contained in your wastewater.

- |  |  |
|--|--|
| <input type="checkbox"/> acids and acidic wastes                     | <input type="checkbox"/> phenol-containing wastes        |
| <input type="checkbox"/> alkali and caustic wastes                   | <input type="checkbox"/> alcohols                        |
| <input type="checkbox"/> pickling wastes                             | <input type="checkbox"/> ethers                          |
| <input type="checkbox"/> other metal cleaning and preparation wastes | <input type="checkbox"/> aldehydes, ketones              |
| <input type="checkbox"/> plating wastes                              | <input type="checkbox"/> organic acids                   |
| <input type="checkbox"/> electroplating wastes                       | <input type="checkbox"/> soaps, surfactants, detergents  |
| <input type="checkbox"/> paints                                      | <input type="checkbox"/> petroleum oils                  |
| <input type="checkbox"/> pigments                                    | <input type="checkbox"/> fats, grease and vegetable oils |
| <input type="checkbox"/> inks  | <input type="checkbox"/> benzene derivatives             |
| <input type="checkbox"/> dyes, coloring agents                       | <input type="checkbox"/> chlorinated organic compounds   |
| <input type="checkbox"/> organic solvents, thinners                  | <input type="checkbox"/> brominated organic compounds    |
| <input type="checkbox"/> latex wastes                                | <input type="checkbox"/> hot wastes (104 ° F or higher)  |
| <input type="checkbox"/> resins, monomers                            | <input type="checkbox"/> radioactive wastes              |
| <input type="checkbox"/> waxes                                       | <input type="checkbox"/> flammables                      |
| <input type="checkbox"/> inorganic solids (sand, gravel, etc.)       | <input type="checkbox"/> SANITARY WASTES ONLY            |

2. Is any form of pretreatment (see list on next page) practiced at this facility?

yes  no





3. Please indicate by placing an 'X' in the appropriate space by each listed chemical, whether it is "Suspected to be Present" or "Known to be Present" in your manufacturing or service activity, or generated as a by-product. Some compounds are known by other names.

Item No	Chemical Compound	Suspected Present	Known Present	Item No	Chemical Compound	Suspected Present	Known Present
1.	asbestos (fibrous)	_____	_____	58.	dibenzo (a,h) anthracene	_____	_____
2.	cyanide (total)	_____	_____	59.	dibromochloromethane	_____	_____
3.	antimony (total)	_____	_____	60.	1,2 - dichlorobenzene	_____	_____
4.	arsenic (total)	_____	_____	61.	1,3 - dichlorobenzene	_____	_____
5.	beryllium (total)	_____	_____	62.	1,4 - dichlorobenzene	_____	_____
6.	cadmium (total)	_____	_____	63.	3-3° - dichlorobenzidine	_____	_____
7.	chromium (total)	_____	_____	64.	1,1 - dichloroethane	_____	_____
8.	copper (total)	_____	_____	65.	1,2 - dichloroethane	_____	_____
9.	lead (total)	_____	_____	66.	1,1 - trans-dichloroethylene	_____	_____
10.	mercury (total)	_____	_____	67.	1,2 - trans-dichloroethylene	_____	_____
11.	nickel (total)	_____	_____	68.	2,4 - dichlorophenol	_____	_____
12.	selenium (total)	_____	_____	69.	1,2 - dichloropropane	_____	_____
13.	silver (total)	_____	_____	70.	(cis & trans) 1,3 - dichloro- propene	_____	_____
14.	thallium (total)	_____	_____	71.	dieldrin	_____	_____
15.	zinc (total)	_____	_____	72.	diethylphthalate	_____	_____
16.	acenaphthene	_____	_____	73.	2,4 - dimethylphenol	_____	_____
17.	acenaphthylene	_____	_____	74.	dimethylphthalate	_____	_____
18.	acrolein	_____	_____	75.	di-n-butylphthalate	_____	_____
19.	acrylonitrile	_____	_____	76.	di-n-octylphthalate	_____	_____
20.	aldrin	_____	_____	77.	4,6 - dinitro-o-cresol	_____	_____
21.	anthracene	_____	_____	78.	2,4 - dinitrophenol	_____	_____
22.	benzene	_____	_____	79.	2,4 - dinitrotoluene	_____	_____
23.	benzidine	_____	_____	80.	2,6 - dinitrotoluene	_____	_____
24.	benzo (a) anthracene	_____	_____	81.	1,2 - diphenylhydrazine	_____	_____
25.	benzo (a) pyrene	_____	_____	82.	a - endosulfan (alpha)	_____	_____
26.	3,4 - benzo fluoranthene	_____	_____	83.	b - endosulfan (beta)	_____	_____
27.	benzo (g,h,i) perylene	_____	_____	84.	endosulfan sulfate	_____	_____
28.	benzo (k) flouranthene	_____	_____	85.	endrin	_____	_____
29.	a -BHC (alpha)	_____	_____	86.	endrin aldehyde	_____	_____
30.	a -BHC (beta)	_____	_____	87.	ethylbenzene	_____	_____
31.	a -BHC (delta)	_____	_____	88.	flouranthene	_____	_____
32.	a -BHC (gamma)	_____	_____	89.	flourene	_____	_____
33.	bis (2-chloroethyl) ether	_____	_____	90.	heptachlor	_____	_____
34.	bis (2-chloroethoxy) methane	_____	_____	91.	heptachlor epoxide	_____	_____
35.	bis (2-chloroisopropyl) ether	_____	_____	92.	hexachlorobenzene	_____	_____
36.	bis (chloromethyl) ether	_____	_____	93.	hexachlorobutadiene	_____	_____
37.	bis (2-ethylhexyl) phthalate	_____	_____	94.	hexachlorocyclopentadiene	_____	_____
38.	bromodichloromethane	_____	_____	95.	hexachloroethene	_____	_____
39.	bromoform	_____	_____	96.	Indeao	_____	_____
40.	bromomethane	_____	_____	97.	Isophorone	_____	_____
41.	4-bromophenyl phenyl ether	_____	_____	98.	methylene chloride	_____	_____
42.	butyl benzylphthalate	_____	_____	100.	naphthalene	_____	_____
43.	carbon tetrachloride	_____	_____	101.	nitrobenzene	_____	_____
44.	chlordane	_____	_____	102.	2-nitrophenol	_____	_____
45.	4-chloro-3-methylphenol	_____	_____	103.	4-nitrophenol	_____	_____
46.	chlorobenzene	_____	_____	104.	N-nitrosodimethylamine	_____	_____
47.	chloroethane	_____	_____	105.	N-nitrosodi-n-propylamine	_____	_____
48.	2-chloroethyl vinyl ether	_____	_____	106.	N-nitrosodiphenylamine	_____	_____
49.	Chloroform	_____	_____	107.	PCB - 1016	_____	_____
50.	Chloromethane	_____	_____	108.	PCB - 1221	_____	_____
51.	2-chloronaphthalene	_____	_____	109.	PCB - 1232	_____	_____
52.	2-chlorophenol	_____	_____	110.	PCB - 1242	_____	_____
53.	4-chlorophenyl phenyl ether	_____	_____	111.	PCB - 1248	_____	_____
54.	Chrysene	_____	_____	112.	PCB - 1254	_____	_____
55.	4, 4° - DDD	_____	_____	113.	PCB - 1260	_____	_____
56.	4, 4° - DDE	_____	_____	114.	pentachlorophenol	_____	_____
57.	4, 4° - DDT	_____	_____				





Reference Number	Discharge Temperature Range			Discharge pH Range		
	Low	Average	High	Low	Average	High
(Refer to E-2)						
<u>1</u>	_____	_____	_____	_____	_____	_____
<u>2</u>	_____	_____	_____	_____	_____	_____
<u>3</u>	_____	_____	_____	_____	_____	_____

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SECTION G - NONDISCHARGED WASTES

1. Are any wastes liquids or sludges generated and not disposed of in the sewer system?

\_\_\_\_\_ Yes          \_\_\_\_\_ No

If 'no,' skip the remainder of Section G. If 'yes,' these may be best described and quantified as:

Waste Solvent	_____	Paints	_____
Waste Product	_____	Acids & Alkalies	_____
Oil	_____	Plating Wastes	_____
Grease	_____	Pesticides	_____
Pretreatment Sludge	_____	Other (Specify):	_____
Ink/Dyes	_____		_____
Thinner	_____		_____
Heavy Metals	_____		_____
Organic Compounds	_____		_____

2. Does your company remove the above checked wastes from the facility?

\_\_\_\_\_ Yes          \_\_\_\_\_ No

3. Are any of the above checked wastes placed with trash, for disposal?

\_\_\_\_\_ Yes                  \_\_\_\_\_ No

Describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Does your company practice on site disposal of the above checked wastes?

\_\_\_\_\_ Yes                  \_\_\_\_\_ No

5. If an outside firm removes any of the above checked wastes, state the name(s) and address(es) of all waste haulers:

1. _____	2. _____
_____	_____
_____	_____
_____	_____
Permit # (if applicable)	Permit # (if applicable)

6. Do any of your substances require "Resource Conservation and Recovery Act" permits?

\_\_\_\_\_ Yes                  \_\_\_\_\_ No

7. Does your company keep a continuous record of wastewater pH?

\_\_\_\_\_ Yes                  \_\_\_\_\_ No

8. Does your facility collect stormwater?

\_\_\_\_\_ Yes                  \_\_\_\_\_ No

9. Does your facility treat stormwater?  
\_\_\_\_\_ Yes \_\_\_\_\_ No

If 'yes,' briefly describe the treatment method:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. Is there a Spill Prevention Control and Countermeasure Plan in effect for this plant?  
\_\_\_\_\_ Yes \_\_\_\_\_ No

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SECTION H - WASTEWATER ANALYSES AND PRETREATMENT CERTIFICATION

1. Sampling Locations (Refer to Section D, Item 1):

\_\_\_\_\_

2. Sample date(s):

\_\_\_\_\_

3. Description of sampling methods: \_\_\_\_\_ Flow Proportional  
\_\_\_\_\_ Time Proportional  
\_\_\_\_\_ Grab Sample

4. Sample collected by:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

5. Samples analyzed by:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

6. Is this plant subject to an existing Federal Pretreatment Standard?

\_\_\_\_\_ Yes                  \_\_\_\_\_ No

7. Are Pretreatment Standards being met on a consistent basis?

\_\_\_\_\_ Yes                  \_\_\_\_\_ No

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8. Are additional pretreatment facilities and/or operation and maintenance required to meet Pretreatment Standards?

\_\_\_\_\_ Yes                  \_\_\_\_\_ No

If 'yes,' complete the remaining part of this item.

a. Date on which an engineer will be employed to develop a plan or system to achieve compliance with Pretreatment Standards: \_\_\_\_\_

b. Date on which preliminary plans will be completed? \_\_\_\_\_

c. Date on which final plans will be completed? \_\_\_\_\_

d. Date on which contracts will be executed to install or implement required facilities and/or operational requirements? \_\_\_\_\_

e. Date on which construction (if required) will be started? \_\_\_\_\_

f. Date on which construction (if required) will be completed? \_\_\_\_\_

g. Date on which Pretreatment Standard compliance will be attained? \_\_\_\_\_



9. Certification: I have supervised the collection and preparation of all the information in this application and certify that:

- a. All samples and measurement taken are to the best of my knowledge representative of the subject plant's wastewater effluent.
- b. All sampling measurements and analyses were conducted in accordance with guidelines set forth by the Environmental Protection Agency.

Signature:

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Title:

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10/10/2010 10:10:10 AM