EASTON AREA JOINT SEWER AUTHORITY

WASTEWATER SURVEY FOR NONRESIDENTIAL ESTABLISHMENTS:
APPLICATION FOR WASTEWATER DISCHARGE PERMIT

SECTION A – GENERAL INFORMATION

A.1. Company name, mailing address, and telephone number:

_____
_____
_____

Zip Code _____ Telephone No: _____ fax #:_____
Municipality, Township, Borough, etc _____
Building Owner Name / Address if different than above:_____

A.2. Address of production or manufacturing facility. (IF same as above, check [ ].)

_____
_____
_____

Zip Code _____ Telephone No: _____ fax #:_____
Municipality, Township, Borough, etc _____

A.3. Name, title, email address and telephone number of person to represent this firm in official dealing with the Sewer Authority:
Name: _____ Email: _____
Title: _____ Cell No or ext: _____

A.4. Alternate person to contact concerning information provided herein:
Name: _____ Email: _____
Title: _____ Cell No or ext: _____

Note to Signing Official: In accordance with Title 40 of the Code of Federal Regulations Part 403 Section 403.14, 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.

- This is signed by an authorized official of your firm <u>after</u> adequate completion of this form and review of the information by the signing official.

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

_____ _____
Date Signature of Official
(Seal if applicable)

A.5. Is this facility subject to any existing Pretreatment Categorical Standards [ ] yes [ ] no

A.6. Identify the type of business conducted (auto repair, machine shop, electroplating, warehouse, painting, printing, meat packing, food processing, etc.).

_____
_____
_____

A.7. Provide a brief narrative description of the manufacturing, production, or service activities your firm conducts.

_____
_____
_____
_____

A.8. Standard Industrial Classification Number (s) (SIC Code) for your facilities. (If more than one applies, list in descending order of importance)

_____ _____ _____ _____ _____ _____

A.9. This facility generates the following types of wastes (check all that apply):

	Average gallons per day	
1. [ ] Domestic wastes (restrooms, employee showers, etc.	_____	[ ] estimated [ ] measured
2. [ ] Cooling water, non-contact	_____	[ ] estimated [ ] measured
3. [ ] Boiler/Tower blowdown	_____	[ ] estimated [ ] measured
4. [ ] Cooling water, contact	_____	[ ] estimated [ ] measured
5. [ ] Process	_____	[ ] estimated [ ] measured
6. [ ] Equipment/Facility Washdown	_____	[ ] estimated [ ] measured
7. [ ] Air Pollution Control Unit	_____	[ ] estimated [ ] measured
8. [ ] Storm water runoff to sewer	_____	[ ] estimated [ ] measured
9. [ ] Other (describe) _____	_____	[ ] estimated [ ] measured
Total A.9.1 – A.9.9	_____	

A.10 Wastes discharged to (check all that apply):

		Average gallons per day	
[ ]	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

Provide name and address of waste hauler(s), if used:

A.11 Average 30 minute peak flow rate. _____

A.12 Is a Spill Prevention Control and Counter measure Plan prepared for the facility.
[ ] yes [ ] no
If report has been prepared, attach copy.
If report is required, but not yet prepared, indicate date it will be submitted.

SECTION B – FACILITY OPERATION CHARACTERISTICS

B.1 Number of employee shifts worked per 24-hour day is _____.
Average number of employees per shift is: 1st_____ 2nd_____ 3rd_____.

B.2 Starting times of each shift: 1st _____am 2nd _____am 3rd_____am
_____pm _____pm _____pm

Note: The following information in this section must be completed for each product line.

B.3 Principal product produced: _____

B.4 List raw materials and process additives (both liquid and solid) which are used or stored in bulk.

MATERIAL	Quantity Used Per Year
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

B.5 Production process is:
[ ] Batch [ ]Continuous [ ]Both _____% batch _____% continuous
Average number of batches per 24-hour day _____

B.6 Hours of operation: _____ am to _____pm [ ] continuous

B.7 Is production subject to seasonal variation? [ ] yes [ ] no
If yes, briefly describe seasonal production cycle.
_____
_____

B.8 Does facility shut down for vacation, maintenance, or other reasons?
[ ] yes [ ] no
If yes, indicate period when shutdown occurs _____

B.9 Are any process changes or expansions planned during the next three years?
[ ] yes [ ] no

B.10 List other environmental control permits required for this facility.

Permit Classification	Number	Governing Regulatory Agency
_____	_____	_____
_____	_____	_____
_____	_____	_____

SECTION C – WATER USAGE

C.1 Water sources (check all that apply)
[ ] City of Easton
[ ] Easton Suburban Water Authority
[ ] Private Well
[ ] Surface water
[ ] Other (specify)

C.2 Name on the water bill _____
C.3 Water service account number _____
C.4 Describe any water treatment or conditioning _____
_____
_____

C.5 List average water usage and average wastewater discharge for all regulated processes:

Process	SIC Number	Water Use GPD	Discharge GPD
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SECTION D – WASTEWATER INFORMATION

D.1 If your facility employs processed in any of the 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).

A. Industrial Categories

1. [ ] Adhesives
2. [ ] Aluminum Forming
3. [ ] Auto & Other Laundries
4. [ ] Battery Manufacturing
5. [ ] Beverage Bottler
6. [ ] Coal Mining
7. [ ] Coil Coating
8. [ ] Copper Forming
9. [ ] Dairy Products
10. [ ] Electronic & Electronic Components
11. [ ] Electroplating
12. [ ] Explosives Manufacturing
13. [ ] Food/Edible Products Processor
14. [ ] Foundries
15. [ ] Gum & Wood Chemicals
16. [ ] Inorganic Chemicals
17. [ ] Iron & Steel
18. [ ] Laboratory
19. [ ] Leather Tanning & Finishing
20. [ ] Machine Shop
21. [ ] Medical Products
22. [ ] Medical Care
23. [ ] Nonferrous Metals
24. [ ] Office
25. [ ] Ore Mining
26. [ ] Organic Chemicals
27. [ ] Paint & Ink
28. [ ] Pesticides
29. [ ] Petroleum Refining
30. [ ] Pharmaceuticals
31. [ ] Photographic Supplies
32. [ ] Plastic & Synthetic Materials
33. [ ] Plastics Processing
34. [ ] Porcelain Enamel
35. [ ] Printing & Publishing
36. [ ] Pulp & Paper
37. [ ] Retail/Wholesale Trade
38. [ ] Rubber
39. [ ] Service (Specify)_____
40. [ ] Slaughter/Meat Packing/Rendering
41. [ ] Soaps & Detergents
42. [ ] Steam Electric
43. [ ] Textile Mills
44. [ ] Timber
45. [ ] Warehouse

D.2 Pretreatment devices or processes used for treating wastewater or sludge (check as many as appropriate).

[ ] Air Flotation
[ ] Centrifuge
[ ] Chemical Precipitation
[ ] Chlorination
[ ] Cyclone
[ ] Filtration
[ ] Flow Equalization
[ ] Grease or oil separation, type _____
[ ] Grease trap
[ ] Grit removal
[ ] Ion Exchange
[ ] Neutralization, pH correction
[ ] Ozonation
[ ] Reverse Osmosis
[ ] Screen
[ ] Sedimentation
[ ] Septic tank
[ ] Solvent separation
[ ] Spill protection
[ ] Sump
[ ] Biological treatment, type _____
[ ] Rainwater diversion or storage _____
[ ] Other chemical treatment, type _____
[ ] Other physical treatment, type _____
[ ] Other, type _____
[ ] No pretreatment provided

Is any form of pretreatment planned for this facility within the next three years?
[ ] Yes [ ] No

Provide a flow diagram for each existing pretreatment system. Include process equipment, by products, by product disposal method, concentrations, waste and by product volumes, design and operating conditions.

D.3. If any wastewater analysis have been performed on the wastewater discharge(s) from your facilities, attach laboratory report showing the name of the laboratory performing the analysis, the date the sample was taken, and the sampling location.

SECTION E – OTHER WASTES

E.1. Are any liquid wastes or sludges from this firm disposed of by means other than discharge to the sewer system? [ ] Yes [ ] No

E.2. These wastes may best be described as:

		Estimated Gallons or pounds/year
[ ]	Acids and Alkalies	_____
[ ]	Heavy Metal Sludges	_____
[ ]	Inks/Dyes	_____
[ ]	Oil and/or Grease	_____
[ ]	Paints	_____
[ ]	Pesticides	_____
[ ]	Plating Wastes	_____
[ ]	Pretreatment Sludges	_____
[ ]	Solvents/Thinners	_____
[ ]	Other Hazardous Wastes (Specify)	_____
	_____	_____
	_____	_____
[ ]	Other Wastes (Specify)	_____
	_____	_____
	_____	_____

E.3. For the above checked wastes, does your company practice:

[ ] On-site storage
[ ] Off-site storage
[ ] On-site disposal
[ ] Off-site disposal

Briefly describe the method(s) of storage or disposal checked above.

SECTION F

F.1. Priority Pollutant Information: Please indicate by placing an "x" in the appropriate box by each listed chemical whether it is "Suspected to be "Absent", "Known to be Absent", "Suspected to be Present", or "Known to be Present" in your manufacturing or service activity or generated as a by-product.

	Chemical Compound	CAS #	Known Present	Suspect Present	Know Absent	Suspected Absent	Known or Suspected Concern/Day
I. METALS AND INORGANICS							
1	Antimony	7440-36-0					
2	Arsenic	7440-38-2					
3	Asbestos	1332-21-4					
4	Beryllium	7440-41-7					
5	Cadmium	7440-43-9					
6	Chromium	7440-47-3					
7	Copper	7440-50-8					
8	Cyanide	----------					
9	Lead	7439-92-1					
10	Mercury	7439-97-6					
11	Nickel	7440-02-0					
12	Selenium	7782-44-2					
13	Silver	7440-22-4					
14	Thallium	7440-28-0					
15	Zinc	7440-66-6					
II. PHENOLS AND CRESOLS							
16	Phenol(s)	108-95-2					
17	Phenol, 2-chloro	95-57-8					
18	Phenol, 2,4, - dichloro	120-83-2					
19	Phenol, 2,4,6-trichloro	88-06-2					
20	Phenol, pentachloro	87-86-5					
21	Phenol, 2-nitro	87-86-5					
22	Phenol, 4-nitro	100-02-7					
23	Phenol, 2,4-dinitro	51-28-5					

	Chemical Compound	CAS #	Known Present	Suspect Present	Know Absent	Suspected Absent	Known or Suspected Concern/Day
24	Phenol, 2,4-dimethyl	105-67-9					
25	m-Cresol, p-chloro	59-50-7					
26	o-Cresol, 4-6-dinitro	534-51-1					
III. METALS AND INORGANICS							
27	Benzene	71-43-2					
28	Benzene, Chloro	108-90-7					
29	Benzene, 1,2-dichloro	95-50-1					
30	Benzene, 1,3-dichloro	541-73-1					
31	Benzene, 1,4-dichloro	106-46-7					
32	Benzene, 1,2,4-trichloro	120-82-1					
33	Benzene, hexachloro	118-74-1					
34	Benzene, ethyl	100-41-4					
35	Benzene, nitro	98-95-3					
36	Toluene	108-88-3					
37	Toluene, 2-4-dinitro	121-14-2					
38	Toluene, 2,6-dinitro	606-20-2					
IV. PCBs AND RELATED COMPOUNDS							
39	PCB-1016	12674-11-2					
40	PCB-1221	11104-28-2					
41	PCB-1232	11141-16-2					
42	PCB-1242	53469-21-9					
43	PCB-1248	12672-29-6					
44	PCB-1254	11097-69-1					

	Chemical Compound	CAS #	Known Present	Suspect Present	Know Absent	Suspected Absent	Known or Suspected Concern/Day
45	PCB-1260	11096-82-5					
46	2-Chloronaphthalene	91-58-7					
V. ETHERS							
47	Ether, bis(chloromethyl)	542-88-1					
48	Ether, bis(2-chloroethyl)	111-44-4					
49	Ether, bis(2-chlorosoproyl)						
50	Ether, 2-chloroethyl vinyl	110-75-8					
51	Ether, 4-bromophenyl phenyl	101-55-3					
52	Ether, 4-chlorohenyl phenyl	7005-72-3					
53	Bis(2-chloroethoxyl) methane	111-91-1					
VI. NITROSAMINES AND OTHER NITROGEN-CONTAINING COMPOUNDS							
54	Nitrosamine, dimethyl	62-75-1					
55	Nitrosamine, diphenyl	86-30-6					
56	Nitrosamine, di-n-propyl						
57	Benzidine	92-87-5					
58	Benzidine, 3,3-dichloro	91-94-1					
59	Hydrazine, 1,2-diphenyl	122-66-7					
60	Acrylonitrile	107-13-1					
VII. HALOGENATED ALIPHATICS							
61	Methane, bromo-	74-83-9					
62	Methane, chloro-	74-87-3					
63	Methane, dichloro	75-09-2					
64	Methane, chlorodibromo	124-48-1					
65	Methane, dichlorobromo	75-27-4					
66	Methane, tribromo	75-25-2					
67	Methane, trichloro	67-66-3					
68	Methane, tetrachloro	56-23-5					
69	Methane, trichlorodifluoro	75-69-4					
70	Methane, dichlorodifluoro	75-71-8					
71	Ethane, 1,1-dichloro	75-34-3					
72	Ethane, 1,2-dichloro	107-06-2					
73	Ethane, 1,1,1-trichloro	71-55-6					
74	Ethane, 1,1,2-trichloro	79-00-5					
75	Ethane, 1,1,2,1-tetrachloro						
76	Ethane, hexachloro	67-72-1					
77	Ethene, chloro	75-01-4					
78	Ethene, 1,1-dichloro	75-35-4					
79	Ethene, trans-dichloro						
80	Ethene, trichloro	79-01-6					
81	Ethene, tetrachloro	127-18-4					
82	Propane, 1,2-dichloro	78-87-5					
83	Propane, 2, 4-dichloro						
84	Butadiene, hexachloro	87-68-3					
85	Cyclopentadiene, hexachloro	77-47-4					
VIII. PHTHALATE ESTERS							
86	Phthalate, di-c-methyl	131-11-3					
87	Phthalate, di-n-ethyl	84-66-2					
88	Phthalate, di-c-butyl	84-74-2					
89	Phthalate, di-n-octyl	917-84-0					
90	Phthalate, bis 2-ethylhexyl	117-81-7					
91	Phthalate, butyl benzyl	85-68-7					

	Chemical Compound	CAS #	Known Present	Suspect Present	Know Absent	Suspected Absent	Known or Suspected Concern/Day
XI. POLYCYCLIC AROMATIC HYDROCARBONS							
92	Acenapthene	83-32-9					
93	Acenapthylene	208-96-8					
94	Anthracene	120-12-7					
95	Benzo (a) anthracene	56-55-3					
96	Benzo (b) fluroanthene	205-99-2					
97	Benzo (k) fluroanthene	207-08-9					
98	Benzo (ghi) perylene	191-24-2					
99	Benzo (a) pyrene	50-32-8					
100	Chrysene	218-01-9					
101	Dibenzo (a,n) anthracene	53-70-3					
102	Fluroanthene	206-44-0					
103	Flurene	86-73-7					
104	Indeno (1,2,3-cd) pyrene	193-39-5					
105	Napthalene	91-20-3					
106	Phenanthrene	85-01-8					
107	Pyrene	129-00-0					
X. PESTICIDES							
108	Acrolein	107-02-8					
109	Aldrin	309-00-2					
110	BHC (Alpha)	319-84-6					
111	BHC (Beta)	319-85-7					
112	BHC (Gamma) or Lindane	58-89-9					
113	BHC (Delta)	319-86-8					
114	Chlordane	57-74-9					
115	DDD	72-54-8					
116	DDE	72-55-9					
117	DDT	50-29-3					
118	Dieldrin	60-57-1					
119	Endosulfan (Alpha)	959-98-8					
120	Endosulfan (Beta)	33213-65-9					
121	Endosulfan Sulfate	1031-67-8					
122	Endrin	72-20-8					
123	Endrin aldehyde	7421-93-4					
124	Heptachlor	76-44-8					
125	Heptachlor epoxide	1024-57-3					
126	Isophorone	78-59-1					
127	TCDD (or Dioxin)	7146-01-6					
128	Toxaphene	8001-35-2					

PRIORITY POLLUTANT INFORMATION (Continued)

F.2. For chemical compounds in Section "F.1" above which are indicated to be "Known Present", please list and provide the following data for each (attach additional sheets if needed):

Item No.	Chemical Compounds	Annual Usage (Lbs.)	Estimated Loss to Sewer (Lbs./Year)

SECTION G

Copies of all SDS for products used at this facility must accompany this application.

SECTION H

A print of the facility clearly showing sewer lines and discharge points must accompany this application. Indicate possible sampling points for regulated and non regulated discharges. For reference, buildings, streets and other pertinent structures should be included.

EASTON AREA JOINT SEWER AUTHORITY

Accidental Discharge / Slug Control Plan Inspection Checklist Attachment

Equipment to Prevent Spills

Chemical Storage & Process Tanks

- Pumping equipment [compatible material]
- Shell & bottom construction [compatible material]
- Underground seepage protection
- Cathodic protection of underground tanks
- Liquid level sensing devices
- Overflow, temperature, pressure alarms
- Heating coils
- Collision protection
- Support construction
- Secondary containment
- Diversionary structure in quench tanks

Drums

- Drum construction
- Storage areas
- Secondary containment
- Diversionary structures
- Collision protection
- Drum handling equipment
- Drip pans

Pipes, Valves, Fittings, Pumps, Electrical and Mechanical Equipment

- Seals
- Valve stem packing
- Gaskets
- Cathodic protection
- Vehicular traffic warning signs

Loading Stations

- Fill safeguards
- Curbs and drains
- Warning signs / improper disconnect protection
- Secondary containment

Equipment to Contain Spills

- Booms, barriers, sweeps and fenders
- Surface collection agents
- Absorbent materials
- Skimmers
- Oil / water separators
- Sumps
- Sewer plugs

EASTON AREA JOINT SEWER AUTHORITY

Industrial Pretreatment Program Fees

INDUSTRIAL USER FEE

A fee for participation in the Industrial Pretreatment Program designed to recover administrative costs associated with the program.

– Significant Industrial Users $1220.00 per quarter

– Minor Industrial Users $610.00 per quarter

PERMIT APPLICATION FEE

A fee to specifically cover costs associated with reviewing applications and preparing permits.

Initial Industrial Wastewater Discharge Permit or Renewal Permit Fee for Significant Industrial Users $300.00

– Initial Industrial Wastewater Discharge Permit or Renewal Permit Fee for Significant Industrial Users $300.00

– Initial Industrial Wastewater Discharge Permit or Renewal Permit Fee for Minor Industrial Users $200.00

– Minor Permit Modification $50.00

– Major Permit Modification $150.00

ROUTINE SAMPLING FEE

A fee to cover costs of EAJSA representatives to collect routine samples from facilities.

bullet Significant Industrial Users and Minor Industrial Users $430.00 per event (2 composite samples)

RESAMPLING FEE

Resampling events, generally required by permit violations, are charged an additional $215.00 per composite event and/or $100.00 per grab event. These are not covered by the routine sampling fee.

LABORATORY ANALYSIS CHARGES

The industries in the program are responsible for payment of charges for lab analysis performed on their behalf by the EAJSA's contract laboratory. The EAJSA bills these charges with no administrative mark-up.

SURCHARGES

Wastewater with a strength in excess of 250 mg/L, 250 mg/L & 25 mg/L for BOD, TSS & NH3N respectively will be surcharged on a quarterly basis, per the EAJSA's formula. This formula is updated on an annual basis to reflect current operation, maintenance and capital costs.