

CITY OF SUMMERVILLE
Industrial Wastewater Questionnaire
Wastewater Department
Summerville, Georgia

Section A
General Information

A1. Applicant Business Name: _____

A2. Address of Premise Discharging Wastewater

Street _____
City _____ State _____ Zip _____

A3. Business Address

Street or P.O. Box No. _____
City _____ State _____ Zip _____

A4. Name and Title of Signing Official

Name _____ Title _____

A5. Person to be contacted about this application

Name _____ Title _____ Phone _____

A6. Person to be contacted in case of emergency

Name _____ Day Phone _____
Night Phone _____

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.

Date _____ Signature _____

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 information shall be governed by procedures specified in 40 CRF Part 2.

Section B
Product or Service Information

B1. Provide a brief narrative of manufacturing of service activity at premise address:
(Include principal raw materials, catalysts, intermediates, products)

B2. List the Standard Industrial Classification (SIC) Codes for principal products or services:

<u>Products or Service</u>	<u>SIC Code (4 digit)</u>	<u>Percentage of Production</u>
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B3. Substances Discharged - Give common and technical names of each raw material and product that may be discharged to the sewer. Briefly describe the physical and chemical properties of each substance and product.

Common/Technical

Physical and Chemical Properties

Section B (continued)
Product or Service Information

B4. What potentially hazardous, corrosive, flammable, explosive, or toxic substances are handled at your plant? Identify those which could possibly be discharged to a sewer.

B5. Describe all wastewater generating operations (including processes and clean-ups).

B6. Identify information entitled to protection as a trade secret.

Section

Reason

Section C
Plant Operational Characteristics

C1. Are major processes batch or continuous? _____
If batch, average number of batches per 24 hour day: _____

C2. Variation of Operation

Indicate whether the business activity is:

a. _____ Continuous through the year, or
_____ Seasonal - circle the months of the year during which
operations occur: J F M A J J A S O N D
Peak month(s) of operation is (are) _____

b. _____ Continuous throughout the week, or
_____ Circle the days of the week during which operations occur:
S M T W T F S Peak day(s) of operation is (are)

c. _____ Are there any scheduled shutdowns? Yes _____ No _____
When? _____
Reason: _____

C3. Wastewater Discharge Periods

a. Discharge occurs daily: from _____ to _____
Circle the days of the week that discharge occurs:
S M T W T F S
Peak day(s) of discharge is (are) _____

b. Clean-up discharge daily: from _____ to _____
Circle the days of the week that discharge occurs due to
clean-up: S M T W T F S

Section C (continued)
Plant Operational Characteristics

C4. Shift information:
total Number of Employees: _____

OFFICE	PRODUCTION (number of employees per shift)
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	Day Shift No. Hours	P.M. Shift No. Hours	A.M. Shift No. Hours
Weekday	to	to	to
Saturday	to	to	to
Sunday	to	to	to
Seasonal	to	to	to

C5. Described any wastewater treatment equipment or processes in use (includes sediment traps and grease traps):

C6. Describe any raw water treatment process utilized:

Section C (continued)
Plant Operational Characteristics

C7. Described any water recycling processes utilized:

C8. List the type and volume of liquid waste or sludges removed from the premises by means other than community sewers.

<u>Description</u>	<u>Volume (gals/mo)</u>	<u>Removed by (Name & Address)</u>
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C9. Is there a Spill Prevention Control and Countermeasure Plan in effect for this plant?

Yes _____ No _____

If Yes, describe briefly or attach a copy of questionnaire.

C10. Are there any Backflow Preventers in your system?

Yes _____ No _____

C11. Have you checked your system regarding Cross Connection Prevention or Control at this Plant?

Yes _____ No _____

If Yes, describe briefly or attach copy to questionnaire.

Section D
Water Use and Discharge Information

D1. List each raw water source (city, county, well, other), account number (if applicable) designated use (fire service, production, lawn sprinkler, etc.) and average monthly consumption (indicate units):

<u>Source</u>	<u>Account Number</u>	<u>Use</u>	<u>Consumption</u>
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D2. Indicate water use categories, distribution of water used and the means of wastewater disposal (sanitary sewer, storm sewer, waste hauler, other):

<u>Water Used For</u>	<u>Water Supply percentage of Total</u>	<u>Discharged to</u>
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Sanitary

Process

Boiler

Cooling

*Other

In Product

Measured _____ Estimated _____

* Describe other water use(s): _____

Section D (continued)
Water Use and Discharge Information

D3. List plant sewer outlets, size and flow: (assign sequential reference number to each sewer starting with No. 1)

Reference No.	Sewer Size (inches)	Descriptive location of sewer connection or discharge point	Avg. Flow (GPD)

D4. Attach a drawing (to scale) of each building on the premises. Show location of all water meters, storm drains, streams, sampling points, pretreatment facilities and each side sewer connected to the community sewer. Number each sewer as referenced in D3. A simple line drawing is sufficient.

Section E
Priority Pollutant Survey

E1. Indicate to the best of your ability, the known presence or known absence of the materials listed in E2. It is not necessary to undertake a sampling program to complete this section. Respond by checking the appropriate column indicating which of the following description is applicable.

Check Column A if the compound is not used as a raw material, stored on site, transported or produced whether as a product or by-product.

Check Column B if the compound is used as a raw material, stored on site, transported or produced whether as a product or by-product, but is not in wastewater discharge.

Check Column C if the compound is used as a raw material, stored on site, transported or produced whether as a product or by-product, and may be in wastewater discharge.

Check Column D if the compound is known to be in wastewater.

E2. PRIORITY POLLUTANTS

		A	B	C	D
		KNOWN ABSENT	SUSPECTED ABSENT	SUSPECTED PRESENT	KNOWN PRESENT
	<u>VOLATILES</u>				
1.	Acenaphtene	_____	_____	_____	_____
2.	Acrolein	_____	_____	_____	_____
3.	Acrylonitrile	_____	_____	_____	_____
4.	Benzene	_____	_____	_____	_____
5.	Benzidine	_____	_____	_____	_____
6.	Carbon Tetrachloride (Tetrachloromethane)	_____	_____	_____	_____
7.	Chlorobenzene	_____	_____	_____	_____
8.	1,2,4-Trichlorobenzene	_____	_____	_____	_____
9.	Hexachlorobenzene	_____	_____	_____	_____
10.	1,2-Dichloroethane	_____	_____	_____	_____

VOLATILES

	A	B	C	D
11. 1,1,1-Trichloroethane	_____	_____	_____	_____
12. Hexachloroethane	_____	_____	_____	_____
13. 1,1-Dichloroethane	_____	_____	_____	_____
14. 1,1,2-Trichloroethane	_____	_____	_____	_____
15. 1.1.2.2-Tetrachloroethane	_____	_____	_____	_____
16. Chloromethane	_____	_____	_____	_____
17. bis(chloromethyl) ether	_____	_____	_____	_____
18. bis(2-chloroethyl) ether	_____	_____	_____	_____
19. 2-Chloroethyl-vinyl ether	_____	_____	_____	_____
20. 2-Chloronaphthalene	_____	_____	_____	_____

ACIDS

21. 2,4,6-Trichlorophenol	_____	_____	_____	_____
22. Parachlorometa cresol	_____	_____	_____	_____
23. Chloroform (Trichloromethane)	_____	_____	_____	_____
24. 2-Chlorophenol	_____	_____	_____	_____
25. 1,2-Dichlorobenzene	_____	_____	_____	_____
26. 1,3-Dichlorobenzene	_____	_____	_____	_____
27. 1,4-Dichlorobenzene	_____	_____	_____	_____
28. 3,3-Cichlorobenzidine	_____	_____	_____	_____
29. 1,1-Dichloroethylene	_____	_____	_____	_____
30. 1,2-Trans-Dichloroethylene	_____	_____	_____	_____
31. 2,4-Dichlorophenot	_____	_____	_____	_____
32. 1,2-Dichloropropane	_____	_____	_____	_____
33. 1,2-Dichloropropylene (1-3-Dichloropropene)	_____	_____	_____	_____
34. 2,4-Dimethylphenol	_____	_____	_____	_____
35. 2,4-Dinitrotoluene	_____	_____	_____	_____
36. 2,6-Dinitrotoluene	_____	_____	_____	_____
37. 1,2-Diphenylhydrazine	_____	_____	_____	_____
38. ethyl benzene	_____	_____	_____	_____
39. Fluoranthene	_____	_____	_____	_____
40. 4-Chlorophenyl Phenyl ether	_____	_____	_____	_____
41. 4-Bromophenyl Phenyl ether	_____	_____	_____	_____
42. bis (2-Chloroisopropyl) ether	_____	_____	_____	_____
43. bis (2-Chloroethoxy) methane	_____	_____	_____	_____
44. Methylene Chloride (dichloromethane)	_____	_____	_____	_____
45. Methyl Chloride (chloromethane)	_____	_____	_____	_____

	A	B	C	D
46. Methyl Bromide (bromomethane)	_____	_____	_____	_____
47. Bromoform (tribromomethane)	_____	_____	_____	_____
48. Dichlorobromomethane	_____	_____	_____	_____
49. Trichlorofluoromethane	_____	_____	_____	_____
50. Dichlorodifluoromethane	_____	_____	_____	_____
51. Chlorodibromomethane	_____	_____	_____	_____
52. Hexachlorobutadiene	_____	_____	_____	_____
53. Hexachlorocyclopentadiene	_____	_____	_____	_____
54. Isophorone	_____	_____	_____	_____
55. Naphthalene	_____	_____	_____	_____
56. Nitrobenzene	_____	_____	_____	_____
57. 2-Nitrophenol	_____	_____	_____	_____
58. 4-Nitrophenol	_____	_____	_____	_____
59. 2,4-Dinitrophenol	_____	_____	_____	_____
60. 4,6-Dinitro-o-cresol	_____	_____	_____	_____
61. N-Nitrosodimethylamine	_____	_____	_____	_____
62. N-Nitrosodiphenylamine	_____	_____	_____	_____
63. N-Nitrosodi-n-propylamine	_____	_____	_____	_____
64. Pentachlorophenol	_____	_____	_____	_____
65. Phenol	_____	_____	_____	_____
66. Bis (2-ethylhexyl) phthalate	_____	_____	_____	_____
67. Butyl benzyl phthalate	_____	_____	_____	_____
68. Di-n-butyl phthalate	_____	_____	_____	_____
69. Di-n-octyl phthalate	_____	_____	_____	_____
70. Diethyl phthalate	_____	_____	_____	_____
71. Dimethyl phthalate	_____	_____	_____	_____
72. Benzo (a) anthracene (1,2-benzanthracene)	_____	_____	_____	_____
73. Benzo (a) pyrene (3,4-benzopyrene)	_____	_____	_____	_____
74. 3,4-Benzofluoranthene	_____	_____	_____	_____
75. Benzo (k) Fluoranthene (1,1,12-benzofluoranthene)	_____	_____	_____	_____
76. Chrysene	_____	_____	_____	_____
77. Acenaphthylene	_____	_____	_____	_____
78. Anthracene	_____	_____	_____	_____
79. Benzo (ghi) perylene (1,12-benzoperylene)	_____	_____	_____	_____
80. Fluorene	_____	_____	_____	_____
81. Phenanthrene	_____	_____	_____	_____
82. Dibenzo (a,h) anthracene (1,2,5,6-dibenzanthracene)	_____	_____	_____	_____
83. Indeno (1,2,3,-cd)pyrene (2,3-o-phenylenepyrene)	_____	_____	_____	_____
84. Pyrene	_____	_____	_____	_____
85. Tetrachloroethylene	_____	_____	_____	_____

		A	B	C	D
86.	Toluene	_____	_____	_____	_____
87.	Trichloroethylene	_____	_____	_____	_____
88.	Vinyl chloride (chloroethylene)	_____	_____	_____	_____

PESTICIDES

89.	Aldrin	_____	_____	_____	_____
90.	Dieldrin	_____	_____	_____	_____
91.	Chlordane (technical mixtures & metabolites)	_____	_____	_____	_____
92.	4,4-DDT	_____	_____	_____	_____
93.	4,4-DDE (p,p-DDX)	_____	_____	_____	_____
94.	4,4-DDD (p,p-TDE)	_____	_____	_____	_____
95.	a-Endosulfan	_____	_____	_____	_____
96.	b-Endosulfan	_____	_____	_____	_____
97.	Endosulfan sulfate	_____	_____	_____	_____
98.	Endrin	_____	_____	_____	_____
99.	Endrin aldehyde	_____	_____	_____	_____
100.	Heptachlor	_____	_____	_____	_____
101.	Heptachlor epoxide	_____	_____	_____	_____
102.	A-BHC	_____	_____	_____	_____
103.	B-BHC	_____	_____	_____	_____
104.	R-BHC (lindane)	_____	_____	_____	_____
105.	G-BHC	_____	_____	_____	_____
106.	PCB-1242 (Arochlor 1242)	_____	_____	_____	_____
107.	PCD-1254 (Arochlor 1254)	_____	_____	_____	_____
108.	PCB-1221 (Arochlor 1221)	_____	_____	_____	_____
109.	PCB 1232 (Arochlor 1232)	_____	_____	_____	_____
110.	PCB-1248 (Arochlor 1248)	_____	_____	_____	_____
111.	PCB-1260 (Arochlor 1260)	_____	_____	_____	_____
112.	PCB-1016 (Arochlor 1016)	_____	_____	_____	_____
113.	Toxaphene	_____	_____	_____	_____

METALS

114.	Antimony (total)	_____	_____	_____	_____
115.	Arsenic (total)	_____	_____	_____	_____
116.	Asbestos (fibrous)	_____	_____	_____	_____
117.	Beryllium (total)	_____	_____	_____	_____
118.	Cadmium (total)	_____	_____	_____	_____
119.	Chromium (total)	_____	_____	_____	_____
120.	Copper (total)	_____	_____	_____	_____
121.	Cyanide (total)	_____	_____	_____	_____

	A	B	C	D
122. Lead (total)	_____	_____	_____	_____
123. Mercury (total)	_____	_____	_____	_____
124. Nickel (total)	_____	_____	_____	_____
125. Selenium (total)	_____	_____	_____	_____
126. Silver (total)	_____	_____	_____	_____
127. Thallium (total)	_____	_____	_____	_____
128. Zinc (total)	_____	_____	_____	_____
129. 2,3,7,8-Techtrachlorodibenzop-dioxin (TCDD)	_____	_____	_____	_____

PRETREATMENT

Is this plant subject to an existing Federal Pretreatment Standard _____

If so, are pretreatment standards being met on a consistent basis? _____

If no, list any schedule of additional pretreatment facility construction or increased operation and maintenance required to achieve consistent compliance. _____

Section F
Primary Pollutant Survey

F1. Indicate to the best of your ability, the presence or absence of the materials listed below. These parameters will not receive pretreatment standards beyond that necessary to prevent interference of the sewage treatment plant. The City is either limited in the discharge of these components by conditions in its NPDES permit or has historically had some problem handling the particular wastewater component. These components (except lint and dyes) are present in most waters. Therefore, check "Known Present" unless laboratory results exist showing their absence.

		KNOWN ABSENT	KNOWN PRESENT	CONCENTRATION	
				AVERAGE	PEAK
1.	BOD (5) mg/1	_____	_____	_____	_____
2.	COD mg/1	_____	_____	_____	_____
3.	Nitrogen mg/1	_____	_____	_____	_____
4.	Phosphorus mg/1	_____	_____	_____	_____
5.	Suspended Solids mg/1	_____	_____	_____	_____
6.	Oil & Grease mg/1	_____	_____	_____	_____
7.	Lint or other filamentous material	_____	_____	_____	_____
8.	Dyes	_____	_____	_____	_____
9.	pH (std.Units)	_____	_____	_____	_____
10.	Temperature °C	_____	_____	_____	_____

Section G
Other Needed Information

- G1. Description of activities, facilities, and plant processes on the premises, including a list of all significant raw materials and chemicals used or stored at the facility which are, or could accidentally or intentionally be, discharged to the WWTP.
- G2. Number and type of employees, hours of operation, and proposed or actual hours of operation.
- G3. Description of production process and final product.
- G4. Type and amount of raw materials processed (average and maximum per day).
- G5. Site plans, floor plans, mechanical and plumbing plans, and details to show all sewers, floor drains, and appurtenances by size, location, and elevation, and all points of discharge.
- G6. Time and duration of discharge.
- G7. Any other information s may be deemed necessary by the WWTP Superintendent to evaluate the wastewater discharge permit application.
- G8. Any and all other information as required by the permit.