

Jackson County Water & Sewerage Authority Industrial Questionnaire

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 _____

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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 identified 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 CFR Part 2.

SECTION B
PRODUCT OR SERVICE INFORMATION

B1. Provide a brief narrative of manufacturing or 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 SERVICES</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 described the physical and chemical properties of each substance and produce.

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

B7. Is your facility subject to a Federal Categorical Pretreatment Standard and if so which one?

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 M 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
 PLANT OPERATIONAL CHARACTERISTICS

C4. Shift Information:
 Total Number of Employees _____

OFFICE	PRODUCTION (number of employees per shift)			
	No. Hours	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. Describe 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. Describe 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</u> <u>(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 copy to 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>
Sanitary _____		
Process _____		
Boiler _____		
Cooling _____		
Other * _____		
In Product _____		
Measured _____	Estimated _____	
*Describe other water uses(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. Attached 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

<u>VOLATILES</u>	A KNOWN ABSENT	B SUSPECTED ABSENT	C SUSPECTED PRESENT	D KNOWN PRESENT
2. Acrolein	_____	_____	_____	_____
3. Acrylonitrile	_____	_____	_____	_____
4. Benzene	_____	_____	_____	_____
6. Carbon Tetrachloride	_____	_____	_____	_____
7. Chlorobenzene	_____	_____	_____	_____
10. 1,2-Dichloroethane	_____	_____	_____	_____
11. 1,1,1-Trichloroethane	_____	_____	_____	_____
13. 1,1-Dichloroethane	_____	_____	_____	_____
14. 1,1,2-Trichloroethane	_____	_____	_____	_____
15. 1,1,2,2-Tetrachloroethane	_____	_____	_____	_____
16. Chloroethane	_____	_____	_____	_____

<u>VOLATILES</u>	A KNOWN ABSENT	B SUSPECTED ABSENT	C SUSPECTED PRESENT	D KNOWN PRESENT
23. Chloroform Trichloromethane)	_____	_____	_____	_____
29. 1,1-Dichloroethylene	_____	_____	_____	_____
30. 1,2-Trans-Dichloroethylene	_____	_____	_____	_____
32. 1,2-Dichloropropane	_____	_____	_____	_____
33. 1,2-Dichloropropylene (1,3-Dichloropropene)	_____	_____	_____	_____
38. Ethlbenzene	_____	_____	_____	_____
44. Methylene Chloride (Dichloromethane)	_____	_____	_____	_____
45. Methyl Chloride (Chloromethane)	_____	_____	_____	_____
46. Methyl Bromide (Bromomethane)	_____	_____	_____	_____
47. Bromoform (Tribromomethane)	_____	_____	_____	_____
48. Dichlorobromomethane	_____	_____	_____	_____
49. Trichlorofluoromethane	_____	_____	_____	_____
50. Dichlorodifluoromethane	_____	_____	_____	_____
51. Chlorodibromomethane	_____	_____	_____	_____
85. Tetrachloroethylene	_____	_____	_____	_____
86. Toluene	_____	_____	_____	_____
87. Trichloroethylene	_____	_____	_____	_____
88. Vinyl Chloride (Chloroethylene)	_____	_____	_____	_____

<u>VOLATILES</u>	A	B	C	D
	KNOWN ABSENT	SUSPECTED ABSENT ACIDS	SUSPECTED PRESENT	KNOWN PRESENT
	A	B	C	D
21. 2,4,6-Trichlorophenol	_____	_____	_____	_____
22. Parachlorometa Cresol	_____	_____	_____	_____
24. 2-Chlorophenol	_____	_____	_____	_____
31. 2,4-Dichlorophenol	_____	_____	_____	_____
34. 2,4-Dimethylphenol	_____	_____	_____	_____
57. 2-Nitrophenol	_____	_____	_____	_____
58. 4-Nitrophenol	_____	_____	_____	_____
59. 2,4-Dinitrophenol	_____	_____	_____	_____
60. 4,6-Dinitro-o-Cresol	_____	_____	_____	_____
64. Pentachlorophenol	_____	_____	_____	_____
65. Phenol	_____	_____	_____	_____
BASE/NEUTRALS				
	A	B	C	D
1. Acenaphthene	_____	_____	_____	_____
5. Benzidine	_____	_____	_____	_____
8. 1,2,4-Trichlorobenzene	_____	_____	_____	_____
9. Hexachlorobenzene	_____	_____	_____	_____
12. Hexachloroethane	_____	_____	_____	_____
17. Bis (Chloromethyl) Ether	_____	_____	_____	_____
18. Bis (2-Chloroethyl) Ether	_____	_____	_____	_____
19. 2-Chloroethyl Vinyl Ether (mixed)	_____	_____	_____	_____

<u>VOLATILES</u>	A KNOWN ABSENT	B SUSPECTED ABSENT	C SUSPECTED PRESENT	D KNOWN PRESENT
	BASE/NEUTRALS (continued)			
20. 2-Chloronaphthalene	_____	_____	_____	_____
25. 1,2-Dichlorobenzene	_____	_____	_____	_____
26. 1,3-Dichlorobenzene	_____	_____	_____	_____
27. 1,4-Dichlorobenzene	_____	_____	_____	_____
28. 3,3-Dichlorobenzidine	_____	_____	_____	_____
35. 2,4-Dinitrotoluene	_____	_____	_____	_____
36. 2,6-Dinitrotoluene	_____	_____	_____	_____
37. 1,2-Diphenylhydrazine	_____	_____	_____	_____
39. Fluoranthene	_____	_____	_____	_____
40. 4-Chlorophenyl Phenyl Ether	_____	_____	_____	_____
41. 4-Bromophenyl Phenyl Ether	_____	_____	_____	_____
42. Bis (2-Chloroisopropyl) Ether	_____	_____	_____	_____
43. Bis (2-Chloroethoxy) Methane	_____	_____	_____	_____
52. Hexachlorobutadiene	_____	_____	_____	_____
53. Hexachlorocyclopentadiene	_____	_____	_____	_____
54. Isophorone	_____	_____	_____	_____
55. Naphthalene	_____	_____	_____	_____
56. Nitrobenzene	_____	_____	_____	_____
61. N-Nitrosodimethylamine	_____	_____	_____	_____
62. N-Nitrosodiphenylamine	_____	_____	_____	_____
63. N-Nitrosodi-n-Propylamine	_____	_____	_____	_____
66. Bis (2-Ethylhexy 1) Phthalate	_____	_____	_____	_____
67. Butyl Benzyl Phthalate	_____	_____	_____	_____
68. Di-n-Butyl Phthalate	_____	_____	_____	_____

	A KNOWN ABSENT	B SUSPECTED ABSENT	C SUSPECTED PRESENT	D KNOWN PRESENT
<u>VOLATILES</u>				
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 (11,12-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-Phebyleneoyrene)				
84. Pyrene				
<u>PESTICIDES</u>				
	A	B	C	D
89. Aldrin				
90. Dieldrin				
91. Chlordane (technical mixture & Metabolites)				

<u>VOLATILES</u>	A KNOWN ABSENT	B SUSPECTED ABSENT	C SUSPECTED PRESENT	D KNOWN PRESENT
PESTICIDES (Continued)				
92. 4,4-DDT				
93. 4,4-DDE (p,p-DDX)				
94. 4,4-DDD (p,p-TDE)				
95. a-Endosulfan-Alpha				
96. b-Endosulfan-Beta				
97. Endosulfan Sulfate				
98. Endrin				
99. Endrin Aldehyde				
100. Heptachlor				
101. Heptachlor Epoxide				
102. a-BHC-Alpha				
103. b-BHC-Beta				
104. 4-BHC (Lindane)-Gamma				
105. g-BHC-Delta				
106. PCB-1242 (Arochlor 1242)				
107. PCB-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				
129. 2,3,7,8-Tetrachlorodi-benzo- p-Dioxin (TCDD)				

<u>VOLATILES</u>	A	B	C	D
	KNOWN ABSENT	SUSPECTED ABSENT	SUSPECTED PRESENT	KNOWN PRESENT
	METALS			
	A	B	C	D
114. Antimony (total)	_____	_____	_____	_____
115. Arsenic (total)	_____	_____	_____	_____
117. Beryllium (total)	_____	_____	_____	_____
118. Cadmium (total)	_____	_____	_____	_____
119. Chromium (total)	_____	_____	_____	_____
120. Copper (total)	_____	_____	_____	_____
122. Lead (total)	_____	_____	_____	_____
123. Mercury (total)	_____	_____	_____	_____
124. Nickel (total)	_____	_____	_____	_____
125. Selenium (total)	_____	_____	_____	_____
126. Silver (total)	_____	_____	_____	_____
127. Thallium (total)	_____	_____	_____	_____
128. Zinc (total)	_____	_____	_____	_____
 <u>OTHERS</u>				
	A	B	C	D
116. Asbestos (Fibrous)	_____	_____	_____	_____
121. Cyanide (total)	_____	_____	_____	_____

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 sewerage treatment plant. The Authority 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/l	_____	_____	_____	_____
2. COD mg/l	_____	_____	_____	_____
3. Nitrogen mg/l	_____	_____	_____	_____
4. Phosphorus mg/l	_____	_____	_____	_____
5. Suspended Solids mg/l	_____	_____	_____	_____
6. Oil & Grease mg/l	_____	_____	_____	_____
7. Lint or other filamentous material	_____	_____	_____	_____
8. Dyes	_____	_____	_____	_____
9. pH (Std. Units)	_____	_____	_____	_____
10. Temperature EC	_____	_____	_____	_____