Pretreatment Permit Application

Industrial Waste Survey

City of Cumming

Water Pollution Control Division

Industrial Pretreatment Branch

Section A - General Information

A1. Business Name:_____

A2. Address of premise discharging wastewater:

Street: _____

City:_____State:_____Zip:_____

A3. Business Address:

Street: _____

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 incase of emergency:

Name:_____Title:_____

Phone: (_____) _____ - _____

The information contained in this questionnaire 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 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, etc.)

_____

_____

_____

_____

_____

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

Products or Services:	SIC Code (4 digits):	Percentage of Production:

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.

_____

_____

_____

_____

_____

Section B – Product or Service Information
Continued

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

_____

_____

_____

_____

_____

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

_____

_____

_____

_____

_____

B6. Identify information entitled to protection as a trade secret and give reason(s) for need of protection.

_____

_____

_____

_____

_____

Section C - Facility Operational Characteristics

C1. Are major processes batch or continuous? _____

If batch, what is the 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____ If yes, 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 that contains clean-up waste: S M T W T F S

Section C – Facility Operational Characteristics
Continued

C4. Shift Information:
Total number of employees: _____

Number of office employees: _____

Number of production employees per each shift: _____

_____

	Day shift # hours	P.M. shift # hours	A.M. shift # hours
Weekday	to	to	to
Saturday	to	to	to
Sunday	to	to	to
Seasonal	to	to	to

C5. Describes any wastewater treatment equipment or process in use (includes sediment traps and grease traps): _____

_____

_____

_____

_____

_____

C6. Describe any raw water treatment process utilized: (e.g., softening, etc.)

_____

_____

_____

_____

Section C – Facility Operational Characteristics
Continued

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 the City of Cumming's sewer system:
List description of waste, volume (gallons per month), and removal person or company.

_____

_____

_____

_____

C9. Is there a Spill Prevention Control and Countermeasure Plan in effect for this facility? Yes _____ No _____

If yes, describe briefly or attach a copy of the plan to this questionnaire.

_____

_____

C10. Are there Backflow Prevention Devices on each of your water supply lines? Yes _____ No _____

C11. Have you checked your system regarding Cross Connection Prevention or Control at this facility? Yes _____ No _____

If yes, describe briefly or attach additional pages to this 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 for past 12 months (indicate units e.g., gallons).

Source: Account Number: Use: Consumption

_____

_____

_____

_____

D2. Indicate water use categories, percentage used in each category, and the means of wastewater disposal (sanitary sewer, storm sewer, waste hauler, other):

Water used for: Percentage of total used: Discharged to:____

Sanitary: _____

Process: _____

Boiler: _____

Cooling: _____

Other*: _____

_____

In product:

Measured: _____Estimated:_____

*Describe other water use(s): _____

_____

_____

Section D - Water Use and Discharge Information
Continued

D3. List facility sewer outlets, sewer line size, average flow, and a description of each substance: (assign sequential reference number to each sewer starting with No. 1)

Outlet #:_____Line Size:_____Average Flow (GPD):_____

Description of substance discharged in this pipe: _____

_____

_____

Outlet #:_____Line Size:_____Average Flow (GPD):_____

Description of substance discharged in this pipe: _____

_____

_____

Outlet #:_____Line Size:_____Average Flow (GPD):_____

Description of substance discharged in this pipe: _____

_____

_____

_____

_____

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 descriptions 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 the facility's 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 the facility's wastewater discharge.

Check Column D if the compound is known to be in the facility's wastewater discharge.

E2. **Priority Pollutants:**

		A Known Absent	B Suspected Absent	C Suspected Present	D Known Present
Volatiles					
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-Tetra-chloroethane	_____	_____	_____	_____
16.	Chloroethane	_____	_____	_____	_____
23.	Chloroform (Trichloromethane)	_____	_____	_____	_____
29.	1,1-Dichloroethylene	_____	_____	_____	_____
30.	1,2-Trans-Dichloroethylene	_____	_____	_____	_____
32.	1,2-Dichloropropane	_____	_____	_____	_____

Volatiles continued

		A	B	C	D
33.	1,2-Dichloropropylene (1,3-Dichloropropene)	_____	_____	_____	_____
38.	Ethylbenzene	_____	_____	_____	_____
44.	Methylene Chloride (Dichloromethane)	_____	_____	_____	_____
45.	Methyl Chloride (Chloromethane)	_____	_____	_____	_____
46.	Methyl Bromide (Bromomethane)	_____	_____	_____	_____
47.	Bromoform (Tribromomethane)	_____	_____	_____	_____
48.	Dichlorobromomethane	_____	_____	_____	_____
49.	Trichlorofluormethane	_____	_____	_____	_____
50.	Dichlorodifluoromethane	_____	_____	_____	_____
51.	Chlorodibromomethane	_____	_____	_____	_____
85.	Tetrachloroethylene	_____	_____	_____	_____
86.	Toluene	_____	_____	_____	_____
87.	Trichloroethylene	_____	_____	_____	_____
88.	Vinyl Chloride (Chloroethylene)	_____	_____	_____	_____

Acids

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.	Acenapthene	_____	_____	_____	_____
5.	Benzidine	_____	_____	_____	_____
8.	1,2,4-Trichlorobenzene	_____	_____	_____	_____
9.	Hexachlorobenzene	_____	_____	_____	_____
12.	Hexachloroethane	_____	_____	_____	_____
17.	Bis (Chloromethyl) Ether	_____	_____	_____	_____
18.	Bis (2-Chloromethyl) Ether	_____	_____	_____	_____
19.	2-Chloroethyl Vinyl Ether (mixed)	_____	_____	_____	_____
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-Diphenlyhydrazine	_____	_____	_____	_____
39.	Fluoranthene	_____	_____	_____	_____
40.	4-Chlorophenyl Phenyl Ether	_____	_____	_____	_____
41.	4-Bromophrnyl Phenyl Ether	_____	_____	_____	_____
42.	Bis (2-Chloroisopropyl) Ether	_____	_____	_____	_____
43.	Bis (2-Chloroethoxy) Methtane	_____	_____	_____	_____
52.	Hexachlorobutadiene	_____	_____	_____	_____
53.	Hexachlorocyclopentadiene	_____	_____	_____	_____
54.	Isophorone	_____	_____	_____	_____
55.	Naphthalene	_____	_____	_____	_____
56.	Nitrobenzene	_____	_____	_____	_____
61.	N-Nitrosodimethylamine	_____	_____	_____	_____
62.	N-Nitrosodiphenylamine	_____	_____	_____	_____
63.	N-Nitrsodi-n-propylamine	_____	_____	_____	_____
66.	Bis (2-Ethylhexy 1) 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 (11,12-Benzofluoranthene)	_____	_____	_____	_____
76.	Chrysene	_____	_____	_____	_____

Base / Neutrals: Continued

		A	B	C	D
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-Phebylenepyrene)	_____	_____	_____	_____
84.	Pyrene	_____	_____	_____	_____

Pesticides

		A	B	C	D
89.	Aldrin	_____	_____	_____	_____
90.	Dieldrin	_____	_____	_____	_____
91.	Chlordane (technical Mixture & Metabolites)	_____	_____	_____	_____
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)	_____	_____	_____	_____

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)	_____	_____	_____	_____

Others:

		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 with the wastewater 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	Average Concentration	Peak Concentration
1.	BOD_5 (mg/L)	_____	_____	_____	_____
2.	COD (mg/L)	_____	_____	_____	_____
3.	Total Kjeldahl Nitrogen (mg/L) TKN	_____	_____	_____	_____
4.	Phosphorous (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 ^oC	_____	_____	_____	_____