



TOWN OF DEERFIELD

Office of Sewer & Wastewater
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INDUSTRIAL WASTEWATER DISCHARGE SEWER CONNECTION PERMIT APPLICATION

DATE: ____/____/____

1. Company Name: _____
Mailing Address: _____
Telephone: _____
Fax Number: _____
Email Address: _____

2. Address of Production or Manufacturing Facility (if same as above check []).

Company Name: _____
Mailing Address: _____

3. Contact Person: _____
Mailing Address: _____
Telephone: _____
Fax Number: _____
Email Address: _____

4. Describe the nature of the manufacturing process or commercial activities at this facility:

5. Standard Industrial Classification Code Number (s) and Classification Descriptions(s) and North American Industry Classification System (NAICS) Codes:

SIC Code | NAICS Code | Description

Primary: _____

Secondary: _____

6. Does this company have an industrial waste discharge permit with the POTW or has it had one previously?

Check one Yes No

If yes, permit number: _____

Expiration date: _____

7. Quantity of Water Consumption/Wastewater Generated:

Average Total Monthly Water Consumption (gallons) _____ GPM

Average Gallons Water Consumed in Product Daily _____ GPD

Types/Amounts of wastes generated by this facility: (Check all that apply)

<u>Type</u>	<u>(Average gallons)</u>		
	<u>Per day</u>	<u>Estimated</u>	<u>Measured</u>
<input type="checkbox"/> Domestic wastes (restrooms, showers, etc)	_____	_____	_____
<input type="checkbox"/> Cooling water, non contact	_____	_____	_____
<input type="checkbox"/> Boiler/Tower blowdown	_____	_____	_____
<input type="checkbox"/> Cooling water, contact	_____	_____	_____
<input type="checkbox"/> Process (before treatment)	_____	_____	_____
<input type="checkbox"/> Equipment/facility washdown	_____	_____	_____
<input type="checkbox"/> Air Pollution Control Unit	_____	_____	_____
<input type="checkbox"/> Storm water runoff to sewer	_____	_____	_____
<input type="checkbox"/> Other:	_____	_____	_____

Description: _____

Total wastewater discharged _____

Wastes are discharged to (check all that apply):

<u>Type</u>	<u>(Average gallons)</u>		
	<u>Per day</u>	<u>Estimated</u>	<u>Measured</u>
<input type="checkbox"/> Sanitary sewer	_____	<input type="checkbox"/>	<input type="checkbox"/>

<input type="checkbox"/> Storm Sewer	_____	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Surface water	_____	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Ground water	_____	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Liquid waste hauler	_____	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Evaporation	_____	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other	_____	<input type="checkbox"/>	<input type="checkbox"/>

Name of hauler: _____

Address: _____

Telephone Number: _____

8 Other discharge permits (NPDES, etc): _____

Number (s) _____

Expiration Date (s) _____

9 Estimated Wastewater Parameters and Concentrations:

NA = Not Available

<u>PARAMETER</u>	<u>CONCENTRATION</u> <u>(30-day average/maximum daily)</u>
BOD 5 mg/l	_____ / _____
COD mg/l	_____ / _____
TSS mg/l	_____ / _____
PH (standard units)	_____ / _____
Total Phosphorus mg/l	_____ / _____
Ammonia (as Nitrogen) mg/l	_____ / _____
Oil & Grease mg/l	_____ / _____
Temperature	_____ / _____

<u>PARAMETER</u>	<u>CONCENTRATION *</u> <u>(30-day average/maximum daily)</u>
Cadmium mg/l	_____ / _____
Chromium mg/l	_____ / _____
Copper mg/l	_____ / _____
Lead mg/l	_____ / _____
Nickel mg/l	_____ / _____

Zinc mg/l	_____ / _____
Silver mg/l	_____ / _____
Cyanide	_____ / _____
Other: _____	_____ / _____
Other: _____	_____ / _____

10 Attach schematic(s) of general plant process and waste line layouts including location of floor drains and manholes. Include any existing or proposed pretreatment systems and locations and sizes of all existing and proposed connections to the POTW and proposed monitoring facilities.

See Attachment Number: _____

11 Description of Process, Products, Raw Materials. The following information must be completed for each product line. (attach additional sheets if necessary).

** Give a general description of products produced by type and amount. Please specify if produced seasonally.

** Give a general description of type and amount of raw materials used.

**Process discharge is [] batch [] continuous [] both

If both, _____% _____% continuous.

Average number of batches per 24-hour day _____

12 Describe hours of operation of plant. Specify seasonal variances.

Shifts/Day: _____, Hours/Day: _____, Days/Week: _____

13 Describe hours of operation of actual or proposed pretreatment facility
 Specify discharge hours

Shifts/Day: _____, Hours/Day: _____, Days/Week: _____

- 14 Are your manufacturing or commercial operations subject to US EPA Categorical Pretreatment Standards? no don't know yes, if yes describe below by Subpart with Description:

Subpart: _____ Description: _____

Subpart: _____ Description: _____

Subpart: _____ Description: _____

- 15 Are the applicable national categorical pretreatment standards **and** the local discharge prohibitions **and** limitations being met on a consistent basis? Check one: yes no

Remarks: _____

- 16 If applicable wastewater discharge limitations are not being met consistently is additional pretreatment and/or alterations of current operation and maintenance required to meet the limitations?

Check one yes no

Remarks: _____

- 17 Is there an Accidental Spill Prevention Plan or Slug Control Plan prepared for this facility?

Check one yes no

Remarks: _____

If so, attach to this application.

- 18 Name the laboratory your firm proposes to contract with for self monitoring.

Name: _____

Address: _____

Telephone: _____

- 19 Name the person(s) responsible for sampling, testing, and reporting to the POTW:

- 20 If your facility processes include 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):

Industrial Categories:

- | | |
|-----------------------------------------------------------|-------------------------------------------------------------------|
| <input type="checkbox"/> Aluminum Forming | <input type="checkbox"/> Meat Processing |
| <input type="checkbox"/> Asbestos Manufacturing | <input type="checkbox"/> Metal Molding and Castings |
| <input type="checkbox"/> Battery Manufacturing | <input type="checkbox"/> Metal Finishing |
| <input type="checkbox"/> Builders Paper | <input type="checkbox"/> Nonferrous Metals Forming |
| <input type="checkbox"/> Carbon Black | <input type="checkbox"/> Nonferrous Metals MFG |
| <input type="checkbox"/> Cement Manufacturing | <input type="checkbox"/> Painting Formulating |
| <input type="checkbox"/> Coil Coating | <input type="checkbox"/> Paving and Roofing
(Tars and Asphalt) |
| <input type="checkbox"/> Cooper Forming | <input type="checkbox"/> Pesticides |
| <input type="checkbox"/> Dairy Products | <input type="checkbox"/> Petroleum Refining |
| <input type="checkbox"/> Electrical/Electronic Components | <input type="checkbox"/> Pharmaceuticals |
| <input type="checkbox"/> Electroplating | <input type="checkbox"/> Phosphate Manufacturing |
| <input type="checkbox"/> Feedlots | <input type="checkbox"/> Porcelain Enameling |
| <input type="checkbox"/> Fermentation Processes | <input type="checkbox"/> Pulp and Paper |
| <input type="checkbox"/> Ferroalloy Manufacturing | <input type="checkbox"/> Rubber Processing |
| <input type="checkbox"/> Fertilizer Manufacturing | <input type="checkbox"/> Seafood Processing |
| <input type="checkbox"/> Fruits and Vegetables Processing | <input type="checkbox"/> Soap/Detergents Manufacturing |
| <input type="checkbox"/> Glass Manufacturing | <input type="checkbox"/> Steam Electric |
| <input type="checkbox"/> Grain Mills Manufacturing | <input type="checkbox"/> Sugar Processing |
| <input type="checkbox"/> Ink Formulating | <input type="checkbox"/> Timber Products Manufacturing |
| <input type="checkbox"/> Inorganic Chemicals | <input type="checkbox"/> Plastics Molding/Forming |
| <input type="checkbox"/> Iron and Steel Manufacturing | <input type="checkbox"/> Textile Mills |
| <input type="checkbox"/> Leather Tanning and Finishing | |

Other Business Activities:

- | | |
|--------------------------------------------------------------|-----------------------------------------------------------|
| <input type="checkbox"/> Animal/Vegetable Fats/Oils Blending | <input type="checkbox"/> Pesticide Applicator |
| <input type="checkbox"/> Auto Garage/Repair | <input type="checkbox"/> Photocopying |
| <input type="checkbox"/> Beverage Bottler | <input type="checkbox"/> Photographic Development |
| <input type="checkbox"/> Breads/Baked Goods Mfg. | <input type="checkbox"/> Poultry Processing |
| <input type="checkbox"/> Brewery/Winery | <input type="checkbox"/> Printing and Publishing |
| <input type="checkbox"/> Car Wash/Transport Truck Wash | <input type="checkbox"/> Radiator Shop |
| <input type="checkbox"/> Explosives Manufacturing | <input type="checkbox"/> Rendering |
| <input type="checkbox"/> Hospital/Health Care | <input type="checkbox"/> Restaurant/Commercial Food Est. |
| <input type="checkbox"/> Laundry/Dry Cleaning | <input type="checkbox"/> Slaughter/Meat Packing |
| <input type="checkbox"/> Paint and Body Shop | <input type="checkbox"/> Other Food/Edible Products Proc. |

21 Describe pretreatment devices or processes used for treating wastewater or sludge (Check all that apply).

- Air Floatation
- Biological Treatment Describe: _____
- Centrifuge
- Chemical Precipitation
- Chlorination
- Cyclone
- Filtration
- Flow Equalization
- Grease or Oil Separation Describe: _____
- Grease Trap Frequency of Cleaning: _____
- Grit Removal
- Ion Exchange
- Neutralization/pH correction. Describe: See Other Remarks below
- Ozonation
- Rainwater Diversion or Storage. Describe: _____
- Reverse Osmosis
- Screen
- Sedimentation
- Septic Tank
- Solvent Separation
- Sump
- Other Chemical Treatment Describe: _____
- Other Physical Treatment Describe: _____
- Other Describe: _____
- No Pretreatment Provided _____

Other remarks as needed to describe any of the above:

22 If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent 12 months of data. Include the date of the sample collection and analysis, name of laboratory performing the analysis, and location(s) from which sample(s) were taken (attach sketches, plans, etc., as necessary).

See Attachment Number: _____

23 Are any liquid waste or sludges from this facility disposed of by means other than discharge to the POTW Collection System?

Check one: yes no

If yes, these wastes may be best described as:

	<u>Estimated Gallons/Pounds per Year</u>
<input type="checkbox"/> Acids and Alkalies	_____/_____
<input type="checkbox"/> Heavy Metal Sludges	_____/_____
<input type="checkbox"/> Inks/dyes	_____/_____
<input type="checkbox"/> Non-petroleum Oil and /or Grease	_____/_____
<input type="checkbox"/> Organic Compounds	_____/_____
<input type="checkbox"/> Paints	_____/_____
<input type="checkbox"/> Pesticides	_____/_____
<input type="checkbox"/> Petroleum Oil and / or Grease	_____/_____
<input type="checkbox"/> Plating Wastes	_____/_____
<input type="checkbox"/> Pretreatment Sludges	_____/_____
<input type="checkbox"/> Radiator Fluid Wastes	_____/_____
<input type="checkbox"/> Solvents/Thinners	_____/_____
<input type="checkbox"/> Other Hazardous Wastes	_____/_____

Specify: _____

Other Nonhazardous Wastes

Specify: _____

For the above checked wastes, does your company practice:

On-site storage Describe: _____

Off-site storage Describe: _____

On-site disposal Describe: _____

Off-site disposal Describe: _____

24 Priority Pollutant Information. Please indicate 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.

Other remarks describing the source of the data below (i.e., drinking water test data, wastewater discharge test data, etc.):

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
1	ammonia				
2	asbestos (fibrous)				
3	cyanide (total)				
4	antimony (total)				
5	arsenic (total)				
6	beryllium (total)				
7	cadmium (total)				
8	chromium (total)				
9	copper (total)				
10	lead (total)				
11	mercury (total)				
12	nickel (total)				
13	selenium (total)				
14	silver (total)				
15	thallium (total)				
16	zinc (total)				
17	acenaphthene				
18	acenaphthylene				
19	acrolein				
20	acrylonitrile				
21	aldrin				
22	anthracene				
23	benzene				
24	benzidine				
25	benzo(a)anthracene				
26	benzo(a)pyrene				
27	benzo(b)fluoranthene				
28	benzo(g,h,i)perylene				
29	benzo(k)fluoranthene				
30	a-BHC(alpha)				
31	b-BHC(beta)				
32	d-BHD(delta)				
33	g-BHC(gamma)				
34	bis(2-chloroethyl)ether				
35	bis(2-chloroethoxy)methane				

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
36	bis(2-chloroisopropyl)ether				
37	bis(chloromethyl)ether				
38	bis(2-ethylhexyl)phthalate				
39	bromodichloromethane				
40	bromoform				
41	bromomethane				
42	4-bromophenylphenyl ether				
43	butylbenzyl phthalate				
44	carbon tetrachloride				
45	chlordane				
46	4-chloro-3-methylphenol				
47	chlorobenzene				
48	chloroethane				
49	chloroform				
50	chloromethane				
51	2-chloronaphthalene				
52	2-chlorophenol				
53	4-chlorophenylphenyl ether				
54	chrysene				
55	4,4'-DDD				
56	4,4'-DDE				
57	4,4'-DDT				
58	dibenzo(a,h)anthracene				
59	dibromochloromethane				
60	1,2-dichlorobenzene				
61	1,3-dichlorobenzene				
62	1,4,-dichlorobenzene				
63	3,3-dichlorobenzidine				
64	dichlorodifluoromethane				
65	1.1-dichloroethane				
66	1.2-dichloroethane				
67	1.1-dichloroethene				
68	trans-1.2-dichloroethene				
69	2.4-dichlorophenol				
70	1.2-dichloropropane				
71	(cis & trans) 1.3-dischloropropene				
72	dieldrin				
73	diethyl phthalate				
74	2.4-dimethylphenol				
75	dimethyl phthalate				

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
76	di-n-butyl phthalate				
77	di-n-octyl phthalate				
78	4,6-dinitro-2-methylphenol				
79	2,4-dinitrophenol				
80	2,4-dinitrophenol				
81	2,6-dinitrotoluene				
82	1,2-diphenylhydrazine				
83	endosulfan I				
84	endosulfan II				
85	endosulfan sulfate				
86	endrin				
87	endrin aldehyde				
88	ethylbenzene				
89	fluoranthene				
90	fluorene				
91	heptachlor epoxide				
92	hexachlorobenzene				
93	hexachlorobutadiene				
94	hexachlorocyclopentadiene				
95	hexachloroethane				
96	indeno (1,2,3-d)pyrene				
97	isophorone				
98	methylene chloride				
99	naphthalene				
100	nitrobenzene				
101	2-nitrophenol				
102	4-nitrophenol				
103	n-nitrosodimethylamine				
104	n-nitrosodipropylamine				
105	n-nitrosodiphenylamine				
106	PCB-1016				
107	PCB-1221				
108	PCB-1232				
109	PCB-1242				
110	PCB-1248				
111	PCB-1254				
112	PCB-1260				
113	pentachlorophenol				
114	phenanthrene				
115	phenol				
116	pyrene				

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
117	2,3,7,8-tetrachlorodibenzo-p-dioxin				
118	1,1,2,2-tetrachloroethane				
119	tetrachloroethane				
120	toluene				
121	toxaphene				
122	1,2,4-trichlorobenzene				
123	1,1,1-trichloroethane				
124	1,1,2-trichloroethane				
125	trichloroethene				
126	trichlorofluoromethane				
127	2,4,6-trichlorophenol				
128	vinyl chloride				

For chemical compounds which are indicated to be “known present” please attach a list with the item number, chemical compound, estimated annual usage (lb) and loss to sewer (lb/yr).

See Attachment Number: _____

We the following, declare that we have examined this report and certify that to the best of our knowledge it is true, correct and complete.

Certified by: _____ Reviewed by: _____

Print Name: _____ *Print Name:* _____

Title: _____ Title: _____

Company: _____ Company: _____

Date: _____ Date: _____

This completed report is to be certified by a qualified professional and reviewed by an authorized representative of the Industrial User. An authorized representative is:

- (1). A responsible corporate officer, if the industrial user is a corporation; a responsible corporate officer means (i) a President, Secretary, Treasurer, or Vice-President of the corporation in charge of a principal business function, or any other person who performs similar policy-or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million, if authority to sign documents has been assigned or delegated the manager in accordance with corporate procedures.

- (2) A general partner or proprietor if the industrial user is a partnership or sole proprietorship respectively; or
- (3) A duly authorized representative of the individual designated in (1) or (2) of this definition if (i) the authorization is made in writing by the individual described in (1) or (2) of this definition, and (ii) the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the industrial discharge originates, such as the position of Plant Manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company, and (iii) the written authorization is submitted to the Control Authority.