



NIAGARA FALLS WATER BOARD
WASTEWATER DISCHARGE PERMIT APPLICATION

INDUSTRIAL COMMERCIAL USER

PART A GENERAL INFORMATION

Company Name: _____

Mailing Address: _____

Address of Premises: _____

Contact Official: _____

Name: _____

Title: _____

Address: _____

Telephone No: _____

1. This permit application is a request to discharge wastewater to the Niagara Falls Water Board - Publicly Owned Treatment Works (POTW). Your facility is required to select an option listed below to discharge wastewater.

A. Via the Niagara Falls Water Board Sanitary Sewer. YES ___ NO ___

B. Via commercial waste tank transporter or rail car to the Niagara Falls Water Board POTW. YES ___ NO ___

PART A GENERAL INFORMATION CON'T

3. Please complete and submit Parts "B" and "C" of this application.
4. Please remit appropriate application fee (\$ 100.00) payable to the "Niagara Falls Water Board."
5. The information contained in this permit application is familiar to me and to the best of my knowledge and belief; such information is true, complete and accurate.

DATE: _____

SIGNATURE OF COMPANY OFFICIAL

TITLE

PART B COMMERCIAL/INDUSTRIAL DATA SHEET - CON'T

4. Wastewater discharge volume expected for an average work day:

Sanitary ____ gal/day Process ____ gal/day Cooling ____ gal/ day

5. Is Pretreatment provided: YES _____ NO _____

If yes,
explain: _____

PLANT OPERATIONAL CHARACTERISTICS
(USE ADDITIONAL SHEETS AS NECESSARY)

6. Brief description of production, manufacturing or service activities on premises:

7. Brief description of proposed discharge scheme: (batch, continuous, transported, rail car).

PART B COMMERCIAL/INDUSTRIAL DATA SHEET CON'T

9. Federal Regulations require a Slug Discharge Control Plan (or equivalent plan) for some industries. Does your plant have such a plan? _____ YES _____ NO
10. Answer questions (a) and (b) below or provide a flow diagram illustrating the water balance for your facility(s). Be sure to quantify flows and indicate units and discharge location(s) (or outlet numbers) on your flow diagram if known.

Water source(s) and consumption:

<u>Source(s)</u>	<u>Consumption (Indicate Units)</u>				<u>Total</u>
	<u>Cooling Water</u>	<u>Process Water</u>	<u>Sanitary System</u>	<u>Other (i.e. Boiler Feed) Contained in Product, Etc.</u>	
NFWB Water Supply	_____	_____	_____	_____	_____
Water Course	_____	_____	_____	_____	_____
Wells	_____	_____	_____	_____	_____
Other (Please Specify)	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Total	_____	_____	_____	_____	_____

PART B COMMERCIAL/INDUSTRIAL DATA SHEET CON'T

11.

Water losses or discharges:

Sources

Average Daily Discharge or Water Loss (Indicate Units)

	<u>Cooling Water</u>	<u>Process Wastewater</u>	<u>Sanitary Wastewater</u>	<u>Other (i.e. Boiler) Cooling Tower Blowdown</u>	<u>Total</u>
NFWB Sanitary or Combined Sewers	_____	_____	_____	_____	_____
Storm Sewers (Including Diversion Sewers)	_____	_____	_____	_____	_____
Water Course (Specify)	_____	_____	_____	_____	_____
Other (i.e. Evaporation, Waste Hauler)	_____	_____	_____	_____	_____
Total	_____	_____	_____	_____	_____

PART B COMMERCIAL/INDUSTRIAL DATA SHEET CON'T

12. Provide required information for each process wastewater discharge.

<u>Product or Process Include Facility or Equipment Washdown</u>	<u>Method of Discharge i.e. Batch, Continuous Semi - Continuous</u>	<u>Normal Period Of Discharge i.e. Time of Day</u>	<u>Appropriate Average Daily Flow Indicate Units</u>	<u>Appropriate Maximum Daily Flow (Indicate Units)</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

13. Please attach a current blue print of the plant site, including all production buildings and plant sanitary and storm sewer outlets. For each outlet please list approximate average daily flow or pipe size if flow is unknown. (Print not necessary if waste is transported or delivered by rail car.)

<u>Outlet Name or Number * and SPDES Permit Number (If Applicable)</u>	<u>Contributing Waste Streams (i.e. Storm, Sanitary, Process, Other, (Specify)</u>	<u>Average Daily Flow or Pipe Size (Indicate Units)</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

* Reference the outlet name or number to the site map.

PART B COMMERCIAL/INDUSTRIAL DATA SHEET CON'T

14. Describe any wastewater pretreatment equipment and/or processes currently in use on discharges to the sanitary, combined or storm sewers (including equalization):
15. Are additional pretreatment and/or production facilities planned? _____ YES _____ NO
If so, indicate the additional facilities planned and indicate approximate schedule for their completion:
16. If you or your facility are aware of pollutants which may be reasonably expected to be in the discharge to the Niagara Falls Water Board storm, sanitary or combined sewers, or have laboratory analysis, please indicate in Part C "Water Characteristics". Please fill out a form for each discharge location.
17. Have any of the substances listed in the Table in Part C been determined to be present in the wastewater(s) discharged from your facility. _____ YES _____ NO

PART B COMMERCIAL/INDUSTRIAL DATA SHEET CON'T

INDUSTRIAL RESIDUAL WASTES

18. Do your manufacturing processes generate liquid or solid waste such was solvent, electroplating sludges, thinners, oils, still bottoms, flyash, fillers, etc? _____ YES _____ NO
19. Do you generate residuals as a result of wastewater pretreatment processes prior to discharging the wastewater into the municipal system? _____ YES _____ NO
20. Do you presently store industrial waste on or off site? _____ YES _____ NO
21. Have you ever stored industrial waste on or off site? _____ YES _____ NO
22. Does your facility discharge waste into the Niagara Falls Water Board POTW which, if otherwise disposed of, would be classified as hazardous under 40 CFR 261? _____ YES _____ NO
- If yes, have you notified the Niagara Falls Water Board POTW as per 40 CFR 303.12(p) (1)? _____ YES _____ NO
23. Is your facility classified a Federal Categorical Industrial User? _____ YES _____ NO
- If yes, what is the category?

PART C “WASTEWATER CHARACTERISTICS”

Please complete the appropriate sections in Part C. Include all available analysis data from the previous twelve (12) months. Copies of the analysis report may be submitted in lieu of filling out the table below.

1. Location or outfall number (See Question A - 1):
2. Sampling method (composite, flow-weighted composite or grab):
3. Sampling duration and frequency:
4. Date(s) Sampled _____ Analyzed by:

“WATER CHARACTERISTICS”

Wastewater Parameter	Average		Number of Samples Reflected In Averages	Maximum	
	mg/ℓ	lbs/day*		mg/ℓ	lbs/day
Total Suspended Solids					
Soluble Organic Carbon					
Barium					
Cadmium					
Chromium					
Copper					
Cyanide					
Fluoride					
Lead					
Mercury					
Nickel					
Total Phenols					
Phosphorous					

PART C “WASTEWATER CHARACTERISTICS” CON’T

“WATER CHARACTERISTICS”

Wastewater Parameter	Average		Number of Samples Reflected In Averages	Maximum	
	mg/ℓ	lbs/day*		mg/ℓ	lbs/day
Zinc					
Benzene					
Residual Chlorine					
Carbon Tetrachloride					
Chlorodibromomethane					
Monochlorobenzene					
Dichlorobromomethane					
Chloroform					
1,1 Dichloroethylene					
1,2 Dichloroethylene					
Bromoform					
Dichloropropylenes					
Ethyl benzene					
1,1,2,2 Tetrachloroethane					
Tetrachloroethylene					
Toluene					
1,1,1 Trichloroethane					
1,1,2 Trichloroethane					
Trichloroethylene					

PART C “WASTEWATER CHARACTERISTICS” CON'T

“WATER CHARACTERISTICS”

Wastewater Parameter	Average		Number of Samples Reflected In Averages	Maximum	
	mg/ℓ	lbs/day*		mg/ℓ	lbs/day
Methylene Chloride					
Vinyl Chloride					
Monochlorotoluenes					
Monochlorobenzotrifluoride					
Diethyl Phthalate					
Butyl Benzyl Phthalate					
Dibutyl Phthalate					
Di-N-Octyl Phthalate					
Diethyl Phthalate					
Nitrosodiphenylamine					
Dichlorobenzenes					
Dichlorotoluene					
Acenaphthene					
Fluoranthene					
Chrysene					
Naphthalene					
Benzo (a) Anthracene					

PART C “WASTEWATER CHARACTERISTICS” CON’T

“WATER CHARACTERISTICS”

Wastewater Parameter	Average		Number of Samples Reflected In Averages	Maximum	
	mg/ℓ	lbs/day*		mg/ℓ	lbs/day
Pyrene					
Trichlorobenzene					
Trichlorotoluene					
Hexachlorobutadiene					
Tetrachlorobenzene					
Hexachlorocyclopentadiene					
Hexachlorobenzene					
Dichloronzotrifluoride					
Monochlorophenol					
Dichlorophenol					
Monochlorophenol					
Trichlorophenol					
Pentachlorophenol					
Hexachlorocyclohexanes					
PCB (as Arochlor 1248)					
Endosulfan I + Endosulfan II + Endosulfan Sulfate					
Mirex					
Dechlorane Plus					

PART C “WASTEWATER CHARACTERISTICS” CON’T

“WATER CHARACTERISTICS”

Wastewater Parameter	Average		Number of Samples Reflected In Averages	Maximum	
	mg/ℓ	lbs/day*		mg/ℓ	lbs/day
Heptachlor & Heptachlor Epoxide					
Xylene					
Analine					
Benzothiozol					
Diphenylamine					
Tetrahydrofuran					
Benzo (a) Pyrene					
Benzo (b) Fluoranthene					
Benzo (k) Fluoranthene					
Chlordane					
Dieldrin					
DDT & Related					
Metabolites					
Others on Existing Permit					
Not Listed Above (Specify)					

PART C “WASTEWATER CHARACTERISTICS” CON'T

“WATER CHARACTERISTICS”

Temperature Average _____ C⁰

Temperature Maximum _____ C⁰

Ignitable/flammable substances (i.e. gasoline, alcohol, solvents, etc.)

_____ YES _____ NO

pH Average _____ pH Units Color ** _____

Maximum _____ pH Units

Minimum _____ pH Units

Viscous Substances *** _____ YES _____ NO

NOTES: * All metals above should be total unless otherwise indicated

** Qualitatively describe (i.e. dark brown, light blue, straw colored, clear, turbid, etc.)

*** Substances capable, as discharged or by interaction with other substances, of causing obstruction in the flow to the sewers or interference with the operation of the Wastewater Treatment Plant.