



<b>INTERNAL USE</b>
<b>SENT</b>
Date:
Initial:
<b>RECEIVED</b>
Date:
Initial:
Category:

# Industrial User Permit Application

**DISCLOSURE:** Title 40 of the Code of Federal Regulations Part 403 Section 403.14 requires information provided in this survey identifying the nature and frequency of discharge to be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR Part 2 and applicable State Law.

**Please complete the following application and sign the Certification statement. The application cannot be accepted as complete until properly signed.**

## A. GENERAL INFORMATION

1. Company Name			
2. Telephone Number			
3. Mailing Address			
4. Facility Address			
5. E-Mail Address			
6. Name and Title of Signing Official			
7. Applicable Standard Industrial Classification (SIC) Code(s)			

## B. WATER SUPPLY AND USAGE

1. This facility uses water from the following sources:

A. City Water		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> measured	<input type="checkbox"/> metered
B. Well Water		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> measured	<input type="checkbox"/> metered
C.		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> measured	<input type="checkbox"/> metered

2. This facility uses this water for the following purposes:

A. Non-Commercial Domestic Uses		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
B. Non-Contact Cooling Water		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
C. Boiler or Cooling Tower Blowdown		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
D. Contact Cooling Water		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
E. Process Water		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
F. Equipment or Facility Washdown		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
G. Air Pollution Control Unit		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
H. Stormwater Runoff to Sewer		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
I. Contained in Product		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
J. Other:		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered

3. The wastewater generated is disposed of in the following ways:

A. Total of all flows to the sanitary sewer		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
B. Total of all flows to ground (drainfields, wetwell)		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
C. Total of all flows to storm sewers (other than non-contact stormwater)		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
D. Total of all flows to open waters or rivers		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
E. Total of all flows taken by waste haulers		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
F. Volume lost by evaporation on-site		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered
G. Other means of disposal:		gpd	<input type="checkbox"/> estimate	<input type="checkbox"/> metered

4. Discharge to the sewer is:  Intermittent  Steady

5. List all environmental permits held for this facility (i.e., Air, Hazardous Waste, NPDES) except for water supply:

Permit for:	Issued by:	Permit Number:

6. Is there a Spill Prevention Control and Countermeasure Plan prepared for this facility?  YES  NO

7. Shift start times: 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> \_\_\_\_\_

8. Average number of employees per shift: 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> \_\_\_\_\_

9. Shifts normally worked each day:

	SUN	MON	TUE	WED	THU	FRI	SAT
1 <sup>st</sup>							
2 <sup>nd</sup>							
3 <sup>rd</sup>							

**C. BUSINESS OPERATIONAL CHARACTERISTICS**

1. Brief description of manufacturing or business activity on premise:

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2. List the principal products or service:

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3. List all raw materials used (attach Material Safety Data Sheets if uncertain of technical names).

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4. List all incidental materials used or stored on site: (i.e. catalysts, intermediates, paints, solvents, cleaners, release agents, lubricants, greases, pigments, boiler additives, etc.)

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5. Production type:  Batch  Continuous  Both: \_\_\_\_\_ % Batch/ \_\_\_\_\_ % Continuous

6. Wastewater Discharge Type:  Batch (frequency: \_\_\_\_/\_\_\_\_)  Continuous  Both

7. Hours of Operation: \_\_\_\_\_ Days of operation per 30 day month: \_\_\_\_\_

8. Is there a scheduled shutdown?  YES  NO

If so, when? \_\_\_\_\_

9. Is product subject to seasonal variation?  YES  NO

If yes, describe the seasonal production cycle to include the months of highest and lowest production and the rate of production during those months, and the projected average yearly rate of production:

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10. Are any process changes or expansions planned during the next three years?  YES  NO

If yes, describe below or on attached sheets the nature of planned changes or expansions.

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#### D. CATEGORICAL PROCESS INFORMATION

If your facility conducts activities or employs processes which fall into any of the below categories, place a check beside the category or business activity (check all that apply). You may call the City of Fargo Wastewater Treatment Facility for assistance or consult the listed Regulation for guidance.

Industrial Category	40 CFR subchapter N part
<input type="checkbox"/> Dairy Products Processing	405
<input type="checkbox"/> Grain Mills	406
<input type="checkbox"/> Canned & Preserved Fruits & Veg. Processing	407
<input type="checkbox"/> Canned & Preserved Seafood Processing	408
<input type="checkbox"/> Beet, Crystalline, & Liquid Cane Sugar Refining	409
<input type="checkbox"/> Textile Mills	410
<input type="checkbox"/> Cement Manufacturing	411
<input type="checkbox"/> Feedlots	412
<input type="checkbox"/> Electroplating	413
<input type="checkbox"/> Organic Chemicals, Plastics, & Synthetic Fibers	414

<b>Industrial Category</b>		<b>40 CFR subchapter N part</b>
<input type="checkbox"/>	Inorganic Chemical Manufacturing	415
<input type="checkbox"/>	Soap and Detergent Manufacturing	417
<input type="checkbox"/>	Fertilizer Manufacturing	418
<input type="checkbox"/>	Petroleum Refining	419
<input type="checkbox"/>	Iron and Steel Manufacturing	420
<input type="checkbox"/>	Nonferrous Metal Manufacturing	421
<input type="checkbox"/>	Phosphate Manufacturing	422
<input type="checkbox"/>	Steam Electric Power Generating	423
<input type="checkbox"/>	Ferroalloy Manufacturing	424
<input type="checkbox"/>	Leather Tanning and Finishing	425
<input type="checkbox"/>	Glass Manufacturing	426
<input type="checkbox"/>	Asbestos Manufacturing	427
<input type="checkbox"/>	Rubber Manufacturing	428
<input type="checkbox"/>	Timber Products Processing	429
<input type="checkbox"/>	Pulp, Paper, and Paperboard	430
<input type="checkbox"/>	Builder's Paper and Board Mills	431
<input type="checkbox"/>	Meat Products	432
<input type="checkbox"/>	Metal Finishing	433
<input type="checkbox"/>	Coal Mining	434
<input type="checkbox"/>	Mineral Mining and Processing	436
<input type="checkbox"/>	Centralized Waste Treatment – Landfills and Incinerators	437
<input type="checkbox"/>	Metal Products & Machinery Phase 1 and Phase 2	438
<input type="checkbox"/>	Pharmaceutical Manufacturing	439
<input type="checkbox"/>	Ore Mining and Dressing	440
<input type="checkbox"/>	Industrial Laundries	441
<input type="checkbox"/>	Transportation Equipment Cleaning	442
<input type="checkbox"/>	Paving and Roofing Materials	443
<input type="checkbox"/>	Paint Formulating	446
<input type="checkbox"/>	Ink Formulating	447
<input type="checkbox"/>	Pesticide Chemical Formulation, Packaging, & Repackaging	455
<input type="checkbox"/>	Carbon Black Manufacturing	458
<input type="checkbox"/>	Battery Manufacturing	461
<input type="checkbox"/>	Plastics Molding & Forming	463
<input type="checkbox"/>	Metal Molding & Casting	464
<input type="checkbox"/>	Coil Coating and Canmaking	465
<input type="checkbox"/>	Porcelain Enameling	466
<input type="checkbox"/>	Aluminum Forming	467
<input type="checkbox"/>	Copper Forming	468
<input type="checkbox"/>	Electrical & Electronic Component	469
<input type="checkbox"/>	Nonferrous Metal Forming & Powders	471
<b>OTHER TYPICALLY SIGNIFICANT NON-CATEGORICAL BUSINESS ACTIVITIES</b>		
<input type="checkbox"/>	Dairy Products	
<input type="checkbox"/>	Slaughter, Meat Packing, Rendering	
<input type="checkbox"/>	Food/Edible Products Processor	<input type="checkbox"/> including Beverage Bottling or Brewery

**E. PRETREATMENT DEVICES OR PROCESSES**

Pretreatment is the elimination or reduction in the amount of pollutants discharged, or alteration to the nature of pollutant properties in the wastewater either before or instead of sending such pollutants to the Wastewater Treatment Facility. This includes physical, chemical or biological processes, process changes, or other means (except dilution, which is prohibited). Control equipment such as equalization tanks or facilities for protection against surges or slug loadings that might be incompatible with the Wastewater Treatment Facility are also pretreatment devices to be identified.

1. Identify each discrete wastestream discharged below. Additionally, attach a map of property with each wastestream’s location labeled.

Wastestream (#)	Activities Generating the Wastewater	Flow (gpd)	Pipe Size (in)	Pollutants Known or Suspected Present

2. Identify Pretreatment Methods used on each wastestream below.

Pretreatment Method		Wastestream Treated (#)
<b>Physical</b>		
<input type="checkbox"/>	Spill protection devices – berms, dry sumps	
<input type="checkbox"/>	Oil-Water separator – gravity, coalescing plate, API	
<input type="checkbox"/>	Physical fractioning – clarifiers or separators	
<input type="checkbox"/>	Dissolved Air Floatation	
<input type="checkbox"/>	Filtration – filter canisters, presses, or bags	
<input type="checkbox"/>	Physical Sludge Dewatering – centrifuge or vacuum	
<input type="checkbox"/>	Flow Equalization	
<input type="checkbox"/>	Screening	
<input type="checkbox"/>	Grease Trap	
<input type="checkbox"/>	Grit Removal	
<input type="checkbox"/>	Reverse Osmosis	
<input type="checkbox"/>	Evaporation	
<input type="checkbox"/>	Other Physical Treatment:	
<b>Chemical</b>		
<input type="checkbox"/>	pH neutralization (to pH of ____ - ____ )	
<input type="checkbox"/>	Chemical Replacement Cartridge	
<input type="checkbox"/>	Chlorination: (breakpoint chlorination or other)	
<input type="checkbox"/>	Ion Exchange	

Pretreatment Method		Wastestream Treated (#)
<input type="checkbox"/>	Ozonation	
<input type="checkbox"/>	Carbon Filter	
	Chemical Precipitation <input type="checkbox"/> Coagulants <input type="checkbox"/> Flocculants <input type="checkbox"/> Co-Precipitates <input type="checkbox"/> Other	
<input type="checkbox"/>	Other Chemical Treatment:	
<b>Biological</b>		
<input type="checkbox"/>	Type of Biological Treatment:	
<b>Other</b>		
<input type="checkbox"/>	Electrolytic metals reduction	
<input type="checkbox"/>	Electrolytic decomposition	
<input type="checkbox"/>	Other:	

Provide a narrative description of the Pretreatment Method(s): \_\_\_\_\_

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**F. POLLUTANT INFORMATION**

- For each wastestream identified in Section E specify, if known, the following wastewater characteristics for parameters of concern. Attach additional copies of this page for each separate waste stream.

Wastestream (#):	Known Present	Suspect Present	Believed Absent	Known Absent	Range of Measurements			
					Min (mg/L)	Max (mg/L)	Average (mg/L)	Detection Limit
Flow (gpd)	N/A	N/A	N/A	N/A				N/A
pH	N/A	N/A	N/A	N/A			N/A	N/A
BOD <sub>5</sub> (mg/L)								
COD <sub>5</sub> (mg/L)								
Color (units)								
Total Solids (mg/L)								
TSS (mg/L)								
Settleable Solids (mg/L)								
Grease & Oil (mg/L)								
Phenols (mg/L)								
Chloride (mg/L)								
Sulfate (mg/L)								
Sulfide (mg/L)								
Total Phosphorous (mg/L)								

<b>Wastestream cont. (#):</b>								
Cyanide (mg/L)								
TOC (mg/L)								
Ammonia Nitrogen (mg/L)								
Arsenic (mg/L)								
Cadmium (mg/L)								
Chromium, Hexavalent (mg/L)								
Chromium, Total (mg/L)								
Copper (mg/L)								
Lead (mg/L)								
Iron (mg/L)								
Manganese (mg/L)								
Mercury (mg/L)								
Nickel (mg/L)								
Zinc (mg/L)								

- Identify any of the priority pollutants. When more than one wastestream is discharged, identify the wastestream by writing the wastestream number in the appropriate column (i.e. under "Known Present", "Suspect Present", "Believed Absent", or "Known Absent").

If not listed below, please list any other toxicants known or anticipated to be present in discharge:

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Chemical	Known Present	Suspect Present	Believed Absent	Known Absent	Sample Taken (Y/N)	Range of Measurements			
						Min (mg/L)	Max (mg/L)	Average (mg/L)	Detection Limit
Acenaphthene									
Acenaphthylene									
Acrolein									
Acrylonitrile									
Aldrin									
Anthracene									
Antimony									
Arsenic									
Asbestos									
Benzene									
Benzidine									
Benzo(a)anthracene									
Benzo(a)pyrene									
Benzo(ghi)perylene									
Benzo(k)fluoranthene									
3,4-Benzofluoranthene									
Beryllium									
Alpha-BHC									

Chemical	Known Present	Suspect Present	Believed Absent	Known Absent	Sample Taken (Y/N)	Range of Measurements			
						Min (mg/L)	Max (mg/L)	Average (mg/L)	Detection Limit
Beta-BHC									
Delta-BHC									
Gamma-BHC									
Bis(chloromethyl)ether									
Bromoform									
4-Bromophenyl phenyl ether									
Butyl benzyl phthalate									
Cadmium									
Carbon tetrachloride									
Chlordane									
Chlorobenzene									
Chlorobidromomethane									
Chroethane									
2-Chloroethyl vinyl ether									
Chloroform									
2-Chloronaphthalene									
2-Chlorophenol									
4-Chlorophenyl phenyl ether									
Chromium									
Chrysene									
Copper									
Cyanide									
4,4'-DDD									
4,4'-DDE									
4,4'-DDT									
Di-n-butyl phthalate									
Bis(2-chloroethoxy)methane									
Bis(2-chloroethyl)ether									
Bis(2-chloroisopropyl)ether									
Bis(2-ethylhexyl)phthalate									
1,4-Dichlorobenzene									
3,3-Dichlorobenzidine									
Dichlorobromomethane									
Dichlorodifluoromethane									
1,1-Dichloroethane									
1,2-Dichloroethane									
Dimethylphthalate									
2,4-Dimethylphenol									
4,6-Dinitro-o-cresol									
2,4-Dinitrophenol									
2,4-Dinitrotoluene									
2,6-Dinitrotoluene									
1,2-Diphenylhydrazine									



Chemical	Known Present	Suspect Present	Believed Absent	Known Absent	Sample Taken (Y/N)	Range of Measurements			
						Min (mg/L)	Max (mg/L)	Average (mg/L)	Detection Limit
Alpha-endosulfan									
Beta-endosulfan									
Endosulfan sulfate									
Endrin									
Endrin aldehyde									
Ethylbenzene									
Fluoranthene									
Florene									
Heptachlor									
Heptachlor epoxide									
Hexachlorobenzene									
hexachlorobutadiene									
Di-n-octyl phthalate									
Dibenzo(a,h)anthracene									
1,2-Dichlorobenzene									
1,3-Dichlorobenzene									
1,1-Dichloroethylene									
2,4-Dichlorophenol									
1,2-Dichloropropane									
1,3-Dichloropropylene									
Dieldrin									
Diethyl phthalate									
4-Nitrophenol									
N-nitrosodi-n-propylamine									
N-nitrosodimethylamine									
N-nitrosodiphenylamine									
Parachlorometacresol									
PCB-1016									
PCB-1221									
PCB-1232									
PCB-1242									
PCB-1248									
PCB-1254									
PCB-1260									
Pentachlorophenol									
Phenanthrene									
Phenol									
Pyrene									
Selenium									
Silver									
2,3,7,8-tetrachlorodibenzo-p-									
Hexachlorocyclopentadiene									

Chemical	Known Present	Suspect Present	Believed Absent	Known Absent	Sample Taken (Y/N)	Range of Measurements			
						Min (mg/L)	Max (mg/L)	Average (mg/L)	Detection Limit
Hexachloroethane									
Indeno(1,2,3-cd)pyrene									
Isophorone									
Lead									
Mercury									
Methyl bromide									
Methyl chloride									
Methylene chloride									
Naphthalene									
Nickel									
Nitrobenzene									
2-Nitrophenol									
1,1,2,2-Tetrachloroethane									
Tetrachloroethylene									
Thallium									
Toluene									
Toxaphene									
1,2-Trans-dichloroethylene									
1,2,4-Trichlorobenzene									
1,1,1-Trichloroethane									
1,1,2-Trichloroethane									
Trichloroethylene									
Trichlorofluoromethane									
2,4,6-Trichlorophenol									
Vinyl chloride									
Zinc									

**CERTIFICATION**

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.

Signature of Authorized Representative\*: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Phone Number (\_\_\_\_) \_\_\_\_-\_\_\_\_

\* Permit applications must be signed as follows: Corporations, by a principal executive officer of at least the level of vice-president; partnership, by a general partner; sole proprietorship, by the proprietor, (ref 40 CFR 403.12(1))