

DATE:

TO: All Great Falls Businesses

FROM: Randall Rappe, Environmental Compliance Technician

SUBJECT: Industrial Wastewater Classification Survey

The Official Code of the City of Great Falls Montana Section 13.12.010D requires all dischargers accurately and timely report the wastewater characteristics of its discharge.

In order to comply with these requirements and update the City's database on industrial wastewater dischargers, a short industrial wastewater classification survey is enclosed.

This survey MUST be completed and returned to the City by _____.

If you have any questions, please call me at 406-727-8390.

Please return the completed survey to:

City of Great Falls
Public Works Department
Environmental Division
P.O. Box 5021
Great Falls, MT 59403
ATTN. Randall Rappe

Failure to complete and return this survey may result in a site visit of your facility to assist you.

Thank you for your help.

**Industrial
Wastewater Survey**

Office Use Only:

____ **FR**
____ **NACATT**

Return the completed questionnaire by: _____

Remit the completed and signed questionnaire via mail, or fax to:

City of Great Falls
Public Works Department
Environmental Division
P.O. Box 5021
Great Falls, MT. 59403
Attn. Randall Rappe

Environmental Compliance Tech.
FAX (406) 454-3439

For questions regarding this questionnaire, please contact the Environmental Compliance Tech. **(406) 727-8390**

Contact Information (Please Print or Type)

Business Name: _____

Mailing Address: _____

City: _____ Zip: _____

Telephone: _____

Address of facility discharging wastewater (if different from mailing address):

Address: _____

City: _____ Zip: _____

Telephone: _____

Person(s) to be contacted regarding this questionnaire:

Name: _____ Name: _____

Title: _____ Title: _____

Telephone: _____ Telephone: _____

Email: _____ Email: _____

Facility Operations and Wastewater Information

Check all activities which are or will be present at your facility:

- | | |
|---|---|
| <input type="checkbox"/> Assembly | <input type="checkbox"/> Medical Services |
| <input type="checkbox"/> Auto Services | <input type="checkbox"/> Retail |
| <input type="checkbox"/> Food Processing/Service | <input type="checkbox"/> Vehicle/Equipment Wash |
| <input type="checkbox"/> Manufacturing | <input type="checkbox"/> Warehousing |
| <input type="checkbox"/> Material Transfer/Distribution | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Office (not medical) | |

Briefly describe your Business Activities (processes, products, services, etc.):

List the basic materials used, sold, and/or distributed in the operation at your facility:

Are there any floor drains in the work or storage areas at your facility? YES NO

If yes, please list location or indicate on a floor plan:

If yes, are the floor drain/drains connected to the City Storm or Sanitary Sewer System?

City Storm System YES NO

Sanitary Sewer System YES NO

Below is a list of processes/activities that are either categorically defined by the US Environmental Protection Agency (EPA) or considered significant by the City of Great Falls Pretreatment Program. Do any operations in your facility include any of the following processes or activities?

Yes (check all that apply) No

- | | |
|---|--|
| <input type="checkbox"/> Adhesives | <input type="checkbox"/> Metal Finishing |
| <input type="checkbox"/> Airport Deicing | <input type="checkbox"/> Metal Molding & Casting (Foundry) |
| <input type="checkbox"/> Aluminum Forming | <input type="checkbox"/> Mineral Mining & Processing |
| <input type="checkbox"/> Asbestos Manufacturing | <input type="checkbox"/> Nonferrous Metals Forming & Metal Powders |
| <input type="checkbox"/> Battery Manufacturing | <input type="checkbox"/> Nonferrous Metals Manufacturing |
| <input type="checkbox"/> Beverage Manufacturing | <input type="checkbox"/> Oil & Gas Extraction |
| <input type="checkbox"/> Canned & Preserved Fruits & Vegetables | <input type="checkbox"/> Ore Mining & Dressing |
| <input type="checkbox"/> Canned & Preserved Seafood | <input type="checkbox"/> Organic Chemicals |
| <input type="checkbox"/> Carbon Black Manufacturing | <input type="checkbox"/> Paint Formulating |
| <input type="checkbox"/> Cement Manufacturing | <input type="checkbox"/> Paving & Roofing Materials |
| <input type="checkbox"/> Coal Mining | <input type="checkbox"/> Pesticide Chemicals |
| <input type="checkbox"/> Coil Coating | <input type="checkbox"/> Petroleum Refining |
| <input type="checkbox"/> Copper Forming | <input type="checkbox"/> Pharmaceutical Manufacturing |
| <input type="checkbox"/> Dairy Products | <input type="checkbox"/> Phosphate Manufacturing |
| <input type="checkbox"/> Electrical & Electronic Components | <input type="checkbox"/> Photographic or X-ray Processing |
| <input type="checkbox"/> Electroplating | <input type="checkbox"/> Plastics Manufacturing |
| <input type="checkbox"/> Explosives Manufacturing | <input type="checkbox"/> Plastics Molding & Forming |
| <input type="checkbox"/> Feedlots | <input type="checkbox"/> Porcelain Enameling |
| <input type="checkbox"/> Ferroalloy Manufacturing | <input type="checkbox"/> Pulp, Paper & Paperboard |
| <input type="checkbox"/> Fertilizer Manufacturing | <input type="checkbox"/> Rubber Manufacturing |
| <input type="checkbox"/> Glass Manufacturing | <input type="checkbox"/> Soap & Detergent Manufacturing |
| <input type="checkbox"/> Grain Mills | <input type="checkbox"/> Steam Electric Power Generating |
| <input type="checkbox"/> Gum & Wood Chemicals Manufacturing | <input type="checkbox"/> Sugar Processing |
| <input type="checkbox"/> Hazardous Waste Combustors | <input type="checkbox"/> Synthetic Fibers |
| <input type="checkbox"/> Hospitals | <input type="checkbox"/> Textile Mills |
| <input type="checkbox"/> Industrial Laundry | <input type="checkbox"/> Timber Products |
| <input type="checkbox"/> Ink Formulating | <input type="checkbox"/> Tobacco Products Processing |
| <input type="checkbox"/> Inorganic Chemicals | <input type="checkbox"/> Transportation Equipment Cleaning |
| <input type="checkbox"/> Iron & Steel Manufacturing | <input type="checkbox"/> Waste Treatment |
| <input type="checkbox"/> Landfills | Describe: _____ |
| <input type="checkbox"/> Leather Tanning & Finishing | _____ |
| <input type="checkbox"/> Meat Products | |

For each item checked above, describe the type of wastewater discharged: *Attach additional sheets if needed.*

Operation / Activity	Description of wastewater discharged from the operation/activity

Do you anticipate any operational or process changes in the future?

YES

NO

If yes, please explain:

Is any of your wastewater **treated prior** to discharge to the sanitary sewer?

YES

NO

(i.e. interceptors/traps, metals treatment, trench drains, floor sumps, pH neutralization, filtration, etc.)

If yes, indicate pretreatment devices or processes that are used for treating wastewater.

(Check all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Air Flotation | <input type="checkbox"/> Neutralization, (pH adjustment) |
| <input type="checkbox"/> Amalgam Separator | <input type="checkbox"/> Oil Separation |
| <input type="checkbox"/> Biological (specify): _____ | <input type="checkbox"/> Ozonation |
| <input type="checkbox"/> Centrifuge | <input type="checkbox"/> Precipitation |
| <input type="checkbox"/> Chlorination | <input type="checkbox"/> Sand Interceptor |
| <input type="checkbox"/> Cyclone | <input type="checkbox"/> Screening |
| <input type="checkbox"/> Filtration | <input type="checkbox"/> Sedimentation |
| <input type="checkbox"/> Flocculation | <input type="checkbox"/> Septic Tank |
| <input type="checkbox"/> Flow Equalization | <input type="checkbox"/> Silver Recovery |
| <input type="checkbox"/> Grease Trap / Interceptor | <input type="checkbox"/> Solvent Separation |
| <input type="checkbox"/> Grit Removal | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Ion Exchange | |

Describe the Treatment and/or Treatment Unit(s):

Attach a copy of any chemical analyses performed on your process wastewater flows within the last three (3) years:

Analyses Attached

No Analyses Available

Indicate the total daily process (non-domestic) wastewater discharge from your facility. This information may come from an estimate, water bill, flow meter, or other source.

Daily Flow Volumes

- Less than 25,000 gal/day
- More than 25,000 gal/day
- None (Process Wastewater is hauled by a contract waste hauler, recycled, etc.)
- None produced (domestic only)

WASTE DISPOSAL

Provide the following information on all waste hauler(s) and/or onsite treatment vendor(s) if used or proposed to be used (**not including typical garbage haulers**): Examples, Sumps, Waste Oils, or Grease Interceptors.

Waste Hauler # 1

Type of waste: _____

Name: _____

Address: _____

City: _____ Zip: _____

Telephone: _____

Waste Hauler # 2

Type of waste:

Name: _____

Address: _____

City: _____ Zip: _____

Telephone: _____

BUSINESS INFORMATION

What is your business Standard Industrial Classification (SIC) Code, if known?
(SIC) Code _____

Schedule of Facility Operations:

A. Shifts/day _____

B. Hrs./day _____ Days/week _____ Weeks/year _____

SAFETY

Describe any safety precautions to be observed by those visiting your facility?

MATERIALS STORAGE

Do you have any chemical storage areas, tanks, bins, etc ?

Yes _____ **No** _____

Does your facility use and/or manufacture and/or discharge materials that would be considered nanomaterials or nanopollutants? **Yes** _____ **No** _____ **Unknown** _____

If yes, please provide further information on the use, manufacture and discharge of these materials or pollutants:

List all chemicals and amounts in gallons or pounds stored at your facility. Describe how and where these materials are stored.

Description	Volume	Type Storage	Location

Attach additional sheets as needed

SPILL PREVENTION

Is secondary containment provided for these materials?

Yes _____ **No** _____

Do you have a Spill Control and Countermeasures Plan?

Yes _____ **No** _____
If yes, please attach copy.

Does roof, parking lot or similar drains discharge to the sanitary sewer?

Yes _____ **No** _____

Provide drawing(s) of facility floor plan to include processes, floor drains and chemical storage areas:

CONVENTIONAL, NON-CONVENTIONAL AND OTHER POLLUTANT INFORMATION. PLEASE INCLUDE QUANTITY- GALLONS OF ANY ADDITIONAL COMPOUNDS EXPECTED TO BE PRESENT AT YOUR FACILITY AND INCLUDE THEM IN THE FOLLOWING LIST.

Compound	On site		Quantity-Gallons
	Y	N	

VOLATILES

Acrolein	[]	[]	_____
Acrylonitrile	[]	[]	_____
Benzene	[]	[]	_____
Bis(chloromethyl)ether	[]	[]	_____
Bromodichloromethane	[]	[]	_____
Bromoform	[]	[]	_____
Bromomethane	[]	[]	_____
Carbon Tetrachloride	[]	[]	_____
Chlorobenzene	[]	[]	_____
Dibromochloromethane	[]	[]	_____
Chloroethane	[]	[]	_____
2-Chlorethylvinylether	[]	[]	_____
Chloroform	[]	[]	_____
Chloromethane	[]	[]	_____
Dichlorodifluoromethane	[]	[]	_____
1,1-Dichloroethane	[]	[]	_____
1,2-Dichloroethane	[]	[]	_____
1,1-Dichloroethene	[]	[]	_____
1,2-Dichloropropane	[]	[]	_____
1,3-Dichloropropene	[]	[]	_____
Ethylbenzene	[]	[]	_____
Methylene Chloride	[]	[]	_____
1,1,2,2,-Tetrachloroethane	[]	[]	_____
Tetrachloroethylene	[]	[]	_____
Toluene	[]	[]	_____
trans-1,2-Dichloroethene	[]	[]	_____
1,1,1-Trichloroethane	[]	[]	_____
1,1,2-Trichloroethane	[]	[]	_____
Trichloroethylene	[]	[]	_____
Trichlorofluoromethane	[]	[]	_____
Vinyl Chloride	[]	[]	_____

ACID COMPOUNDS

2-Chlorophenol	[]	[]	_____
4-Chloro-3 methylphenol	[]	[]	_____
2,4-Dichlorophenol	[]	[]	_____
2,4-Dimethylphenol	[]	[]	_____
2,4-Dinitrophenol	[]	[]	_____
4,6-Dinitro-o-cresol	[]	[]	_____
2-Nitrophenol	[]	[]	_____
4-Nitrophenol	[]	[]	_____
Pentachlorophenol	[]	[]	_____
Phenol(s)	[]	[]	_____
2,4,6-Trichlorophenol	[]	[]	_____

BASE/NEUTRALS

Acenaphthene	[]	[]	_____
Acenaphthylene	[]	[]	_____
Anthracene	[]	[]	_____
Benzidine	[]	[]	_____
Benz(a)anthracene	[]	[]	_____
Benzo(a)pyrene	[]	[]	_____
Benzo(b)fluoranthene	[]	[]	_____
Benzo(ghi)perylene	[]	[]	_____
Benzo(k)fluoranthene	[]	[]	_____
Bis(2-Chloroethoxy)methane	[]	[]	_____
Bis(2-chloroethyl)ether	[]	[]	_____
Bis(2-chloroisopropyl)ether	[]	[]	_____
Bis(2-ethylhexyl)phthalate	[]	[]	_____
4-Bromophenylphenylether	[]	[]	_____

o-Dichlorobenzene [] [] _____

Compound	On site		Quantity-Gallons
	Y	N	

Benzylbutylphthalate	[]	[]	_____
2-Chloronaphthalene	[]	[]	_____
4-Chlorophenylphenylether	[]	[]	_____
Chrysene	()	()	_____
Dibenzo(a,h)anthracene	[]	[]	_____
1,2-Dichlorobenzene	[]	[]	_____
1,3-Dichlorobenzene	[]	[]	_____
1,4-Dichlorobenzene	[]	[]	_____
3,3-Dichlorobenzidine	[]	[]	_____
Diethylphthalate	[]	[]	_____
Dimethylphthalate	[]	[]	_____
Di-n-butylphthataate	[]	[]	_____
2,4-Dinitrotoluene	[]	[]	_____
2,6-Dinitrotoluene	[]	[]	_____
Di-n-octylphthalate	[]	[]	_____
1,2-Diphenylhydrazine (as azobenzene)	[]	[]	_____
Fluoranthene	[]	[]	_____
Fluorene	[]	[]	_____
Hexachlorobenzene	[]	[]	_____
Hexachlorobutadiene	[]	[]	_____
Hexachlorocyclopentadiene	[]	[]	_____
Hexachloroethane	[]	[]	_____
Indeno(1,2,3-cd)pyrene	[]	[]	_____
Isophorone	[]	[]	_____
Naphthalene	[]	[]	_____
Nitrobenzene	[]	[]	_____
N-Nitrosodimethylamine	[]	[]	_____
N-Nitrosodi-n-propylamine	[]	[]	_____
N-Nitrosodiphenylamine	[]	[]	_____
Phenanthrene	[]	[]	_____
Pyrene	[]	[]	_____
1,2,4-Trichlorobenzene	[]	[]	_____

PESTICIDES AND TCDD

Aldrin	[]	[]	_____
alpha-BHC	[]	[]	_____
beta-BHC	[]	[]	_____
gamma-BHC or (Lindane)	[]	[]	_____
delta-BHC	[]	[]	_____
Chlordane	[]	[]	_____
4,4'-DDD	[]	[]	_____
4,4'-DDE	[]	[]	_____
4,4'-DDT	[]	[]	_____
Dieldrin	[]	[]	_____
alpha-Endosulfan	[]	[]	_____
beta-Endosulfan	[]	[]	_____
Endosulfan sulfate	[]	[]	_____
Endrin	[]	[]	_____
Endrin aldehyde	[]	[]	_____
Heptachlor	[]	[]	_____

Heptachlor epoxide	[] []	_____
PCB-1016	[] []	_____
PCB-1221	[] []	_____
PCB-1232	[] []	_____
PCB-1242	[] []	_____
PCB-1248	[] []	_____
PCB-1254	[] []	_____
PCB-1260	[] []	_____

Tetrahydrofuran	[] []	_____
Toxaphene	[] []	_____
TCDD or Dioxin	[] []	_____

Compound	On site		Quantity-Gallons
	Y	N	

OTHER TOXIC POLLUTANTS:

Antimony, total	[] []	_____
Asbestos, total	[] []	_____
Arsenic, total	[] []	_____
Beryllium, total	[] []	_____
Cadmium, total	[] []	_____
Chromium, total	[] []	_____
Copper, total	[] []	_____
Cyanide, total	[] []	_____
Lead, total	[] []	_____
Mercury, total	[] []	_____
Nickel, total	[] []	_____
Phenol, total	[] []	_____
Selenium, total	[] []	_____
Silver, total	[] []	_____
Thallium, total	[] []	_____
Zinc, total	[] []	_____

CONVENTIONAL AND NON-CONVENTIONAL POLLUTANTS

Aluminum, total	[] []	_____
Ammonia	[] []	_____
Barium, total	[] []	_____
Bismuth, total	[] []	_____
Boron, total	[] []	_____
Bromide	[] []	_____
Chlorine	[] []	_____
Cobalt, total	[] []	_____
Color	[] []	_____
Fecal Coliform	[] []	_____
Fluoride	[] []	_____
Indium, total	[] []	_____
Iron, total	[] []	_____
Magnesium, total	[] []	_____
Manganese, total	[] []	_____
Molybdenum, total	[] []	_____
Nitrate	[] []	_____
Nitrite	[] []	_____
Oil & Grease, total	[] []	_____
Organic Nitrogen, total	[] []	_____
Osmium, total	[] []	_____
Palladium, total	[] []	_____
Petroleum Hydrocarbons, total	[] []	_____
Phosphorous, total	[] []	_____
Platinum, total	[] []	_____
Radioactivity	[] []	_____
Rhenium, total	[] []	_____
Rhodium, total	[] []	_____
Ruthenium, total	[] []	_____
Silica, total	[] []	_____
Sulfate	[] []	_____
Sulfide	[] []	_____
Sulfite	[] []	_____
Surfactants	[] []	_____
Tin, total	[] []	_____
Titanium, total	[] []	_____

HAZARDOUS SUBSTANCES

Acetaldehyde	[] []	_____
Acetone	[] []	_____
Allyl alcohol	[] []	_____
Allyl chloride	[] []	_____

Amyl acetate	[] []	_____
n-Amyl acetate	[] []	_____
n-Butyl acetate	[] []	_____
Aniline	[] []	_____
Benzonitrile	[] []	_____
Benzyl chloride	[] []	_____
Butyl acetate	[] []	_____
Butylamine	[] []	_____
Captan	[] []	_____
Carbaryl	[] []	_____

Compound	On site		Quantity-Gallons
	Y	N	

Carbazole	[] []	_____
Carbofuran	[] []	_____
Carbon disulfide	[] []	_____
Chlorpyrifos	[] []	_____
Coumaphos	[] []	_____
Cresol	[] []	_____
o-Cresol	[] []	_____
p-Cresol	[] []	_____
Crotonaldehyde	[] []	_____
Cyclohexane	[] []	_____
n-Decane	[] []	_____
2,3-Dichloroaniline	[] []	_____
2,2-Dichloropropionic acid	[] []	_____
Dichlorvos	[] []	_____
Diethyl amine	[] []	_____
Dimethyl amine	[] []	_____
Dinitrobenzene	[] []	_____
Diquat	[] []	_____
Disulfoton	[] []	_____
Diuron	[] []	_____
Epichlorohydrin	[] []	_____
Ethanolamine	[] []	_____
Ethion	[] []	_____
Ethyl acetate	[] []	_____
Ethylene diamine	[] []	_____
Ethylene dibromide	[] []	_____
Fluoranthene	[] []	_____
Formaldehyde	[] []	_____
Furfural	[] []	_____
Guthion	[] []	_____
Isobutyraldehyde	[] []	_____
Isoprene	[] []	_____
Isopropanolamine	[] []	_____
Isopropyl ether	[] []	_____
Kelthane	[] []	_____
Kepone	[] []	_____
Malathion	[] []	_____
Mercaptodimethur	[] []	_____
Methoxychlor	[] []	_____
Methyl Cellosolve	[] []	_____
Methyl formate	[] []	_____
Methyl mercaptan	[] []	_____
Methyl methacrylate	[] []	_____
Methyl parathion	[] []	_____
4-Methyl-2-pentanone(MIBK)	[] []	_____
Mevinphos	[] []	_____
Mexacarbate	[] []	_____
Monoethyl amine	[] []	_____
Monomethyl amine	[] []	_____
Naled	[] []	_____
Napthenic acid	[] []	_____

Nitrotoluene	[] []	_____
n-Octadecane	[] []	_____
Parathion	[] []	_____
Phenolsulfanate	[] []	_____
Phosgene	[] []	_____
Propargite	[] []	_____
Propylene oxide	[] []	_____
Pyrethrins	[] []	_____
Quinoline	[] []	_____
Resorcinol	[] []	_____
Strontium	[] []	_____

Strychnine	[] []	_____
Styrene	[] []	_____
2,4,5-Trichlorophenoxy acetic acid	[] []	_____
Tetrachlorodiphenylethane (TDE)	[] []	_____
2-(2,4,5-Trichlorophenoxy)pro- panoic acid	[] []	_____
Trichlorofon	[] []	_____
2,4,6-Trichlorophenol	[] []	_____
Triethylamine	[] []	_____
Trimethylamine	[] []	_____
Uranium	[] []	_____
Vanadium	[] []	_____

Compound	On site		Quantity-Gallons		On Site		Quantity-Gallons
	Y	N			Y	N	
Vinyl acetate	<input type="checkbox"/>	<input type="checkbox"/>	_____	Xylene	<input type="checkbox"/>	<input type="checkbox"/>	_____
Xylenol	<input type="checkbox"/>	<input type="checkbox"/>	_____	Zirconium	<input type="checkbox"/>	<input type="checkbox"/>	_____
Isopropyl acetate	<input type="checkbox"/>	<input type="checkbox"/>	_____				

ACIDS, CAUSTICS AND MISCELANEOUS COMPOUNDS

Acetic Acid	<input type="checkbox"/>	<input type="checkbox"/>	_____
Hydrochloric Acid	<input type="checkbox"/>	<input type="checkbox"/>	_____
Hydrofluoric Acid	<input type="checkbox"/>	<input type="checkbox"/>	_____
Nitric Acid	<input type="checkbox"/>	<input type="checkbox"/>	_____
Perchloric Acid	<input type="checkbox"/>	<input type="checkbox"/>	_____
Phosphoric Acid	<input type="checkbox"/>	<input type="checkbox"/>	_____
Sulfuric Acid	<input type="checkbox"/>	<input type="checkbox"/>	_____

Other acids, please list:

_____ _____

_____ _____

_____ _____

_____ _____

Ammonium hydroxide _____

Magnesium hydroxide _____

Potassium hydroxide _____

Sodium hydroxide _____

Other caustics, please list:

_____ _____

_____ _____

_____ _____

_____ _____

Acrylonitrile _____

(n)Heptane _____

(n)Hexane _____

Methyl tertiary butyl ether _____

Pentane _____

1-Pentene _____

Tetraethyllead _____

Others please list:

INCLUDE ANY ADDITIONAL COMPOUNDS NOT LISTED ABOVE

_____ _____

_____ _____

_____ _____

_____ _____

_____ _____

_____ _____

_____ _____

NOTE TO SIGNING OFFICIAL: In accordance with Title 40 of the Code of Federal Regulations Part 403 Section 403.14, effluent data provided in this questionnaire shall be available to the public without restriction. Any other information provided may be claimed as confidential by the submitter. Such claim must be asserted at the time of submission by stamping the words "Confidential Business Information" on, or similarly identifying the information claimed as confidential. Requests for confidential treatment of information shall be governed by procedures specified in 40 CFR Part 2.

Under City Code 13.12.080 J: All reports and other submittals required to be submitted the City shall include the following statement and signatory requirements:

The Authorized Representative of the industrial user signing any application, questionnaire, report or other information required to be submitted to the City must sign and attach the following certification statement with each such report or information submitted to the City.

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 ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for the gathering of the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Name: _____ Title: _____
(Please Print)

Signature: _____ Date: _____

Authorized Signature: Corporate officer, general partner, proprietor, or manager who has been assigned authority to sign documents.