

DATE:

TO: All Great Falls Businesses

FROM: City of Great Falls Environmental Division

SUBJECT: Industrial Wastewater Classification Survey

The Official Code of the City of Great Falls Montana Section 13.12.010D requires all dischargers to accurately and timely reports 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

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, to:

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

For questions regarding this questionnaire, please contact the Environmental Compliance Tech: 406-727-8390

NOTE: DO NOT LEAVE ANY SECTIONS BLANK, IF NOT APPLICABLE, ENTER (N/A)

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 and 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 (sand/oil/water-floor sump) |
| <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 waste water 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, Sump Cleaning, Waste Oil, Solvent Collection, 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? (Example, hard hat, safety shoes, hearing and/or eye protection etc.)

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. (Include with your submittal all SDS sheets)

| 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 & attach drawing(s) of facility floor plan to include processes, fabrication location, floor drains, floor sumps 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. **Do not leave any sections blank.**

Volatiles

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

Acids

| Compound | Y/N | Quantity/Gallons | Compound | Y/N | Quantity/Gallons |
|--------------------------|-----|------------------|-----------------------|-----|------------------|
| 2-Chlorophenol | | | 2-Nitrophenol | | |
| 4-Chloro-3 methyl phenol | | | 4-Nitrophenol | | |
| 2,4-Dichlorophenol | | | Pentachlorophenol | | |
| 2,4-Dimethylphenol | | | Phenol(s) | | |
| 2,4-Dinitrophenol | | | 2,4,6-Trichlorophenol | | |
| 4,6-Dinitro-o-cresol | | | | | |

Pesticides & TCDD

| Compound | Y/N | Quantity/Gallons | Compound | Y/N | Quantity/Gallons |
|------------------------|-----|------------------|--------------------|-----|------------------|
| Aldrin | | | Endrin aldehyde | | |
| alpha-BHC | | | Heptachlor | | |
| beta-BHC | | | Heptachlor epoxide | | |
| gamma-BHC or (Lindane) | | | PCB-1016 | | |
| delta-BHC | | | PCB-1221 | | |
| Chlordane | | | PCB-1232 | | |
| 4,4'-DDD | | | PCB-1242 | | |
| 4,4'-DDE | | | PCB-1248 | | |
| 4,4'-DDT | | | PCB-1254 | | |
| Dieldrin | | | PCB-1260 | | |
| alpha-Endosulfan | | | Tetrahydrofuran | | |
| beta-Endosulfan | | | Toxaphene | | |
| Endosulfan sulfate | | | TCDD or Dioxin | | |
| Endrin | | | | | |

Bases & Neutrals

| Compound | Y/N | Quantity/Gallons | Compound | Y/N | Quantity/Gallons |
|-----------------------------|-----|------------------|---------------------------------------|-----|------------------|
| Acenaphthene | | | 3,3-Dichlorobenzidine | | |
| Acenaphthylene | | | Diethylphthalate | | |
| Anthracene | | | Dimethylphthalate | | |
| Benzidine | | | Di-n-butylphthalate | | |
| Benz(a)anthracene | | | 2,4-Dinitrotoluene | | |
| Benzo(a)pyrene | | | 2,6-Dinitrotoluene | | |
| Benzo(b)fluoranthene | | | Di-n-octylphthalate | | |
| Benzo(ghi)perylene | | | 1,2-Diphenylhydrazine (as azobenzene) | | |
| Benzo(k)fluoranthene | | | Fluoranthene | | |
| Bis(2-Chloroethoxy)methane | | | Fluorene | | |
| Bis(2-chloroethyl)ether | | | Hexachlorobenzene | | |
| Bis(2-chloroisopropyl)ether | | | Hexachlorobutadiene | | |
| Bis(2-ethylhexyl)phthalate | | | Hexachlorocyclopentadiene | | |
| 4-Bromophenylphenylether | | | Hexachloroethane | | |
| o-Dichlorobenzene | | | Indeno(1,2,3-cd)pyrene | | |
| Benzylbutylphthalate | | | Isophorone | | |
| 2-Chloronaphthalene | | | Naphthalene | | |
| 4-Chlorophenylphenylether | | | Nitrobenzene | | |
| Chrysene | | | N-Nitrosodimethylamine | | |
| Dibenzo(a,h)anthracene | | | N-Nitrosodi-n-propylamine | | |
| 1,2-Dichlorobenzene | | | N-Nitrosodiphenylamine | | |
| 1,3-Dichlorobenzene | | | Phenanthrene | | |
| 1,4-Dichlorobenzene | | | Pyrene | | |
| 1,2,4-Trichlorobenzene | | | | | |

Other Toxic Pollutants

| Compound | Y/N | Quantity/Gallons | Compound | Y/N | Quantity/Gallons |
|------------------|-----|------------------|-----------------|-----|------------------|
| Antimony, total | | | Lead, total | | |
| Asbestos, total | | | Mercury, total | | |
| Arsenic, total | | | Nickel, total | | |
| Beryllium, total | | | Phenol, total | | |
| Cadmium, total | | | Selenium, total | | |
| Chromium, total | | | Silver, total | | |
| Copper, total | | | Thallium, total | | |
| Cyanide, total | | | Zinc, total | | |

Acids, Caustics & Miscellaneous Compounds

| Compound | Y/N | Quantity/Gallons | Compound | Y/N | Quantity/Gallons |
|-------------------|-----|------------------|-----------------------------|-----|------------------|
| Acetic Acid | | | Ammonium hydroxide | | |
| Hydrochloric Acid | | | Magnesium hydroxide | | |
| Hydrofluoric Acid | | | Potassium hydroxide | | |
| Nitric Acid | | | Sodium hydroxide | | |
| Perchloric Acid | | | (n)Heptane | | |
| Phosphoric Acid | | | (n)Hexane | | |
| Sulfuric Acid | | | Methyl tertiary butyl ether | | |
| Pentane | | | 1-Pentane | | |
| Acrylonitrile | | | Tetraethyl lead | | |

Conventional & Non-Conventional Pollutants

| Compound | Y/N | Quantity/Gallons | Compound | Y/N | Quantity/Gallons |
|---------------------|-----|------------------|-------------------------------|-----|------------------|
| Aluminum, total | | | Organic Nitrogen, total | | |
| Ammonia | | | Osmium, total | | |
| Barium, total | | | Palladium, total | | |
| Bismuth, total | | | Petroleum Hydrocarbons, total | | |
| Boron, total | | | Platinum, total | | |
| Bromide | | | Radioactivity | | |
| Chlorine | | | Rhenium, total | | |
| Cobalt, total | | | Rhodium, total | | |
| Color | | | Ruthenium, total | | |
| Fecal Coliform | | | Silica, total | | |
| Fluoride | | | Sulfate | | |
| Indium, total | | | Sulfide | | |
| Iron, total | | | Sulfite | | |
| Magnesium, total | | | Surfactants | | |
| Manganese, total | | | Tin, total | | |
| Molybdenum, total | | | Phosphorous, total | | |
| Nitrate | | | Titanium, total | | |
| Oil & Grease, total | | | Nitrite | | |

Hazardous Compounds

| Compound | Y/N | Quantity/Gallons | Compound | Y/N | Quantity/Gallons |
|------------------|-----|------------------|----------------------------|-----|------------------|
| Acetaldehyde | | | 2,3-Dichloroaniline | | |
| Acetone | | | 2,2-Dichloropropionic acid | | |
| Allyl alcohol | | | Dichlorvos | | |
| Allyl chloride | | | Diethyl amine | | |
| Amyl acetate | | | Dimethyl amine | | |
| n-Amyl acetate | | | Dinitrobenzene | | |
| n-Butyl acetate | | | Diquat | | |
| Aniline | | | Disulfoton | | |
| Benzonitrile | | | Diuron | | |
| Benzyl chloride | | | Epichlorohydrin | | |
| Butyl acetate | | | Ethanolamine | | |
| Butylamine | | | Ethion | | |
| Captan | | | Ethyl acetate | | |
| Carbaryl | | | Ethylene diamine | | |
| Carbazole | | | Ethylene dibromide | | |
| Carbofuran | | | Fluoranthene | | |
| Carbon disulfide | | | Formaldehyde | | |
| Chlorpyrifos | | | Furfural | | |
| Coumaphos | | | Guthion | | |
| Cresol | | | Isobutyraldehyde | | |
| o-Cresol | | | Isoprene | | |
| p-Cresol | | | Isopropanolamine | | |
| Crotonaldehyde | | | Isopropyl ether | | |
| Cyclohexane | | | Kelthane | | |
| n-Decane | | | Kepone | | |

| | | | | | |
|-----------------------------|--|--|--|--|--|
| Malathion | | | Pyrethrins | | |
| Mercaptodimethur | | | Phosgene | | |
| Methoxychlor | | | Propargite | | |
| Methyl Cellosolve | | | Propylene oxide | | |
| Methyl formate | | | Pyrethrins | | |
| Methyl mercaptan | | | Quinoline | | |
| Methyl methacrylate | | | Resorcinol | | |
| Methyl parathion | | | Strontium | | |
| 4-Methyl-2-pentanone (MIBK) | | | Strychnine | | |
| Mevinphos | | | Styrene | | |
| Mexacarbate | | | 2,4,5-Trichlorophenoxy acetic acid | | |
| Monoethyl amine | | | Tetrachlorodiphenylethane (TDE) | | |
| Monomethyl amine | | | 2-(2,4,5-Trichlorophenoxy)propionic acid | | |
| Naled | | | Trichlorofon | | |
| Napthenic acid | | | 2,4,6-Trichlorophenol | | |
| Nitrotoluene | | | Triethylamine | | |
| n-Octadecane | | | Trimethylamine | | |
| Parathion | | | Uranium | | |
| Phenolsulfanate | | | Vanadium | | |

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.