Metropolitan Council Environmental Services

Industrial Waste & Pollution Prevention Section

390 North Robert Street

St. Paul, MN 55101-1805



*For MCES Use Only*

Facility ID: \_\_\_\_\_\_\_\_\_\_\_\_\_

Date Received: \_\_\_\_\_\_\_\_\_

# Industrial Waste & Pollution Prevention Section

# Wastewater Discharge Survey

If there are any questions regarding the completion of this survey, please contact the MCES Industrial Waste & Pollution Prevention Office at (651) 602-8114.

1. Complete:

| **Company Name:** |  | | |
| --- | --- | --- | --- |
|  | | | |
| **Facility Address:** |  | **Mailing Address:** |  |
| (if applicable, include any suite or unit #) |  | (if different from the facility address) |  |
|  |  |  |  |

1. Describe the business activity (major products manufactured, services provided, etc.) of the company at this address:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Startup date at present address:      /      (month/year)
2. Number of employees at this address:
3. Is this a multi-tenant facility (more than one company in the same building)?  No  Yes  
    If yes, please indicate the suite or unit number above.
4. Does this company have additional facilities/addresses in the Twin Cities Metropolitan Area?  No  Yes
5. Indicate the general type(s) of business function(s) at this address by checking the appropriate box(es):

Industrial/Manufacturing  Commercial/Retail  Office Functions

Service Provider  Warehouse/Distribution

1. Facility discharges wastewater to:  city sanitary sewer  septic tank  other:
2. Use City water utility billing or water meter information to answer the following questions. If this information is not obtainable, please estimate the facility’s water usage and volumes.  
     
   a. Incoming water volume (city and well) per year, in gallons:

b. Incoming water determination method:  water bill(s)  water meter readings  estimation

c. Does this facility use water for lawn irrigation?  No  Yes

d. If yes, does the incoming volume include lawn irrigation?  No  Yes, estimated volume:

1. Indicate all types of discharges to the sanitary sewer and their respective volumes:

|  | **Sanitary waste from employees** (e.g., restroom waste) (estimated at 20gallons/employee/day) | | Volume [gallons/year]: |  | |
| --- | --- | --- | --- | --- | --- |
|  |  | |  |  | |
|  | **Non-contact cooling water** (used for cooling - no contact with raw materials, parts, or products)  Once-through  Re-circulated/Reused | | Volume [gallons/year]: |  | |
|  |  | |  |  | |
|  | **Any other discharge to the sewer –** describe the sources and their respective volumes in the spaces below  (this includes, but is not limited to, floor & equipment washing, vehicle washing, general sanitizing, contact cooling water, manufacturing/processing, food preparation, any product/chemical disposal, etc.) | | | | |
|  | **Description of Discharge** | **Volume [gallons/yr]** | | | **Volume Determination** |
|  | **Ex1: Floor scrubber water from production area** | **5,200** | | | **50 gal, 2x week, 52 weeks/ yr** |
|  | **Ex2: Process equipment** | **117,000** | | | **5 gal/min, 90min/day** |
|  | 1. |  | | |  |
|  | 2. |  | | |  |
|  | 3. |  | | |  |
|  | 4. |  | | |  |
|  | 5. |  | | |  |

1. Are bulk chemicals received or stored at this facility?  No  Yes
2. Are there floor drains/sumps in work areas or chemical storage areas?  No  Yes
3. Is any wastewater pretreated prior to discharging (solids/oil/metals removal, pH adjustments, etc.)?  No  Yes

If Yes, please describe:

1. **Check all applicable general operation categories at this facility and answer any associated question(s) listed below that operation.** Facilities with “Office,” “Commercial/Retail” or “Warehouse/Distribution” general business functions may not have any applicable operations listed. Include all operations, even if they do not generate wastewater:

**Assembly** – vehicles and other assembly

**Building Materials –** concrete aggregate, lumber/wood, roofing, windows, and other building materials

Yes  No - Is this facility a manufacturing plant whose primary raw material is wood with finished products like hardboard to preserved wood?

Yes  No - Does this facility produce asphalt paving and roofing emulsions, asphalt concrete, asphalt roofing materials, or linoleum and asphalt felt floor coverings?

**Central Treatment** – metals, oily wastes, and other central treatment

**Chemical Products** – abrasive materials, adhesives/sealants, cleaning agents, coatings, compressed gases, cosmetics, fertilizers/pesticides, inorganic chemicals, organic chemicals, paints/inks/dyes, personal care products, petroleum and/or asphalt, plastics, rubber, and other chemical products

Yes  No - Does this facility manufacture carbon black?

Yes  No - Does this facility manufacture sulfuric acid, nitric acid, ammonium sulfate, or mix and blend fertilizers?

Yes  No - Does this facility formulate oil-base ink or paint?

Yes  No - Does this facility manufacture inorganic chemicals (i.e. alkalies, chlorine, and inorganic pigments)?

Yes  No - Does this facility manufacture organic chemicals, plastics, or synthetic fibers?

Yes  No - Does this facility manufacture, formulate, package and/or repackage pesticides?

Yes  No - Does this facility produce gasoline, kerosene, distillate fuel oils, residual fuel oils, or lubricants?

Yes  No - Does this facility reclaim rubber or mold, extrude, or fabricate rubber products, including latex products?

**Educational** – colleges/universities, schools, vocational and other educational institutions

**Electronic** **Products -** printed circuit board assembly, semiconductors, sensors/controls and other electronic products

Yes  No - Does this facility manufacture semiconductors, electronic crystals, cathode ray tubes, or luminescent materials?

**Food Products -** animal feed, bakery, beverages, cereals, dairy, fish/seafood, grains, malt beverages, spirits, meat/poultry, prepared food products, produce, sugars/confections and other food products

Yes  No - Is there any washing or sanitizing that is part of the food products operation?

Yes  No - Are there any food grinders/disposals used at this facility?

**Glass Products –** containers, optical lens, and other glass products

Yes  No - Does this facility manufacture glass containers, TV picture tubes, incandescent lamp envelopes, or hand-pressed/blown glass?

**Health Care –** Dental clinics, medical clinics, hospitals, mortuary, veterinary hospitals/clinics and other health

Yes  No - Is there any placing or removing of dental amalgam at this facility?

Yes  No - Are any pharmaceuticals being disposed via sanitary sewer at this facility?

**Laboratory** – food, government, medical, R&D, wastewater/water quality and other laboratories

**Laundry** – commercial, dry cleaner, industrial and other laundries

Yes  No - Does this facility employ the use of perchloroethylene?

**Leather Products** – curing, tanning and other leather products

**Medical** **Products** – devices, diagnostics, pharmaceuticals, and other medical products

Yes  No - Does this facility manufacture pharmaceuticals or conduct such research?

**Metal Products** – ammunitions, anodizing, can manufacturing, coil coating, deburring, electroplating/ metal finishing, foundry, heat treating, machine shop, machinery manufacturing, metal recovery, painting, porcelain enameling, printed circuit board manufacturing, vehicle manufacturing and other metal products

Yes  No - Does this facility perform metal finishing (electroplate, electroless plate, anodize, conversion coat/powder coat (includes phosphates & other transition metals), chemical etch/mill, or manufacture printed circuit boards)?

Yes  No - Is this facility a foundry, or does this facility perform metal molding and casting operations (consists of the pouring or injection of molten metal into a mold)?

Yes  No - Does this facility manufacture batteries?

Yes  No - Does this facility perform aluminum forming?

Yes  No - Does this facility perform coil coating?

Yes  No - Does this facility manufacture aluminum or steel cans?

Yes  No - Does this facility perform copper forming?

Yes  No - Does this facility perform porcelain enameling?

Yes  No - Does this facility perform the following iron or steel manufacturing: steel works, blast furnaces, rolling mills, electrometallurgical products, steel wire drawing or production of steel nails, spikes, pipes or tubes?

Yes  No - Does this facility process nonferrous ore concentrates and scrap metals to recover and increase the metal purity contained in these materials?

Yes  No - Does this facility form nonferrous metals into specific shapes by hot or cold working, drawing, cladding and tube reducing?

**Paper**/**Packaging** – boxboard, corrugated boxes, multi-layer bags and other paper packaging

**Plastic** **Products** – extrusion and other plastic products

**Printed** **Products** – paper, plastic printing, printing plates, silk screening & other printed products

**Public** **Facilities** – aquarium, arena, prison/jail, zoo, and other public facilities

**Service** – cabinet manufacturing, carpet cleaning, furniture repair/refinishing and other similar services

**Textile** – clothing or other textiles

Yes  No - Does this facility perform fiber preparation and manufacturing/processing of the textile industry?

**Transportation** – auto body, bus/vehicle repair and maintenance, washing (barge, rail, truck, and other tanker washing), heavy equipment maintenance/manufacturing, trucking, and other transportation

Yes  No – Does this facility wash the interior or exterior of transportation equipment?

**Utilities** – electric power generation, heating/cooling, public works, wastewater/water treatment, and other utilities

Yes  No - Does this facility generate electricity for distribution and sale?

1. If you checked Yes to any operational question above, please describe the operations for that specific category:
2. Contact information for person completing this survey

| Name (print): |  |  | Title: |  |
| --- | --- | --- | --- | --- |
| Email: |  |  | Phone: |  |
| Signature: |  |  | Date: |  |

1. Return this completed survey via one of the following methods.

*(You may wish to obtain a copy for your records)*

| Mail: | Metropolitan Council Environmental Services  Industrial Waste Section  390 Robert Street North, St Paul, MN 55101-1805 |
| --- | --- |
| Email: | [iwpp@metc.state.mn.us](mailto:iwpp@metc.state.mn.us) |
| Fax: | 651-602-4730 |