 **City of Springfield**

**Development and** **Public Works**

**Environmental Services Division**

225 Fifth Street

Springfield, Oregon 97477

**WASTEWATER DISCHARGE PERMIT APPLICATION**

**WASTEWATER DISCHARGE SURVEY**

**COMPANY NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**🞏 The above company requests renewal of an existing City of Springfield Wastewater Discharge Permit.**

**General Instructions**

This form serves as a multi-purpose document. Section I should be filled out by all existing and proposed new non-domestic facilities (industrial and commercial establishments). The other sections only need to be completed if the affected facility has a process wastewater discharge(s), or proposes to discharge process wastewater(s) (i.e., the wastewater is not domestic in origin). Please take the time to fill out the form thoroughly and adequately. (Process wastewater also includes such items as spent solvents and chemicals dumped down floor drains, and sinks.)

Section I General Information: All questions should be answered. If you answer "No" to question #23, there is no need to go to the next sections. Simply sign the form and submit it to the city at the address shown below. Proposed new businesses should provide best estimates to appropriate questions in Sections II and III.

Section II Water/Wastewater Data: completed by all users discharging or proposing to discharge process wastewater.

Section III Plant/Process Data Wastewater Treatment: completed by all users discharging or proposing to discharge process wastewater.

**RETURN COMPLETED FORM TO:**

**City of Springfield, ATTN: Pretreatment Program**

**Development and Public Works**

**Environmental Services Division**

## 225 Fifth Street

# Springfield, Oregon 97477

# 

If you have any questions, please contact:

# City of Springfield Industrial Pretreatment Program: (541)726-3694 or (541)736-1018

### WASTEWATER DISCHARGE SURVEY/PERMIT APPLICATION

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Section I - General Information | | | | | | | | | | | | |
| 1. | Company Name: | | |  | | | | | | | | |
|  | Company Owner: | | |  | | | | | | | | |
| 2. | Division: | | |  | | | | | | | | |
| 3. | Mailing Address: | | |  | | | | | | | | |
| 4. | Street Address: | | |  | | | | | | | | |
|  | City, State, Zip | | |  | | | | | | | | |
|  | Year established on site: | | |  | | | | | | | | |
| 5. | Representative completing this form: | | | | | | | | | | | |
|  | Name: | | |  | | | | | | | | |
|  | Title: | | |  | | | | | | | | |
|  | Phone No.: | | |  | | | | | | | | |
| 6. | Person to be contacted in case of emergency: | | | | | | | | | | | |
|  | Name: | | |  | | | | | | | | |
|  | Title: | | |  | | | | | | | | |
|  | Phone No.: | | |  | | | | | | | | |
| 7. | For existing businesses: | | | | | | | | | | | |
|  | Is the building presently connected to the public sewer system? | | | | | | | | Yes |  | No |  |
|  | If Yes, sewer account number: | | | | | | | |  |  | | |
|  | If No, have you applied for sewer hookup? | | | | | | | | Yes |  | No |  |
| 8. | For new businesses: | | | | | | | | | | | |
|  | Will you be occupying an existing vacant building (such as in an industrial park)? | | | | | | | | Yes |  | No |  |
|  | Have you applied for a building permit if a new facility will be constructed? | | | | | | | | Yes |  | No |  |
|  | Will you be connected to the public sewer system? | | | | | | | | Yes |  | No |  |
| 9. | Average number of employees per shift: | | Day | | |  | Swing |  | Grave |  | Total |  |
| 10. | Normal operating schedule: | Actual Time: | | |  | | | | Hours/Day |  | Days/Week |  |

1. If your facility employs or will be employing processes in any of the industrial categories or business activities listed below (regardless of whether they generate wastewater, waste sludge, or hazardous wastes), place a check beside the category or business activity (check all that apply).

|  |  |  |  |
| --- | --- | --- | --- |
|  | Adhesives |  | Metal finishing |
|  | Aluminum Forming |  | Metal coating (chromating, phosphating, coloring) |
|  | Anodizing |  | Nonferrous metals |
|  | Automobile repair |  | Organic chemicals |
|  | Battery manufacturing |  | Paint and ink |
|  | Beverage bottler |  | Pesticides |
|  | Can making |  | Petroleum refining |
|  | Car wash |  | Pharmaceuticals |
|  | Chemical etching or milling |  | Photographic/film processing |
|  | Coil coating |  | Plastic and synthetic materials |
|  | Copper forming |  | Plastics processing |
|  | Dairy products |  | Porcelain enamel |
|  | Electric and electronic components |  | Printed circuit board manufacture |
|  | Electroplating |  | Printing and publishing |
|  | Electroless plating |  | Pulp, paper, and fiberboard |
|  | Explosives manufacturing |  | Rubber products |
|  | Food processing |  | Slaughter/meat packing/rendering |
|  | Food products machinery |  | Soaps and detergent |
|  | Foundries |  | Solvent recycling |
|  | Groundwater treatment |  | Steam electric generating |
|  | Gum and wood chemicals |  | Textile mills |
|  | Inorganic chemicals |  | Timber products |
|  | Iron and steel |  | Waste recycler |
|  | Laundries |  | Water treatment |
|  | Leather tanning and finishing |  | Wood preserving |
|  | Mechanical products |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12. | Standard Industrial Classification Number(s) (SIC Codes): | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | North American Industry Classification Number(s) (NAIC):[[1]](#footnote-1) | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13. | Do you or will you discharge oils, grease, or fats to the public sewer? | | | | | | | Yes |  | No |  |
|  | If yes, is there or will there be, an oil and grease trap in your sewer connection? | | | | | | | Yes |  | No |  |
|  | If yes, what is your normal frequency of cleaning the oil and grease trap? | | | | | |  | | | | |
|  |  | | | | | | | | | | |
|  | | | | | | | | | | | |
|  | Where do you dispose of trapped oil and grease? | | | |  | | | | | | |
|  |  | | | | | | | | | | |
|  |  | | | | | | | | | | |
|  |  | | | | | | | | | | |
| 14. | Have you been issued a local, state, or federal environmental discharge permit? | | | | | | | Yes |  | No |  |
|  | If yes, please list the permit(s): | |  | | | | | | | | |
|  |  | | | | | | | | | | |
|  |  | | | | | | | | | | |
|  |  | | | | | | | | | | |
| 15. | Do you or will you have chemical storage containers, tanks, bins, or ponds at your  facility? (This includes hot tanks, plating booths, rinse tanks, stripping tanks, etc.) | | | | | | | Yes |  | No |  |
|  | If yes, please attach a description of their location, contents, size, type, and frequency and method of cleaning. Indicate if buried metal containers have cathodic protection.  If you have attached a description, please check the “Yes” box. | | | | | | | Yes |  |  | |
| 16. | Do you or will you have floor drains in your manufacturing (MFR) or chemical  storage area? | | | | | | | Yes |  | No |  |
| 17. | If you have chemical storage containers, tanks, bins, ponds, or floor drains in MFR area, could an accidental spill lead to a discharge to: | | | | | | | | | | |
|  | | An onsite disposal system | | | | | | | | | |
|  | | Public sewer system (e.g. through a floor drain) | | | | | | | | | |
|  | | Storm drain | | | | | | | | | |
|  | | To ground | | | | | | | | | |
|  | | Other - Specify: | |  | | | | | | | |
|  | | | | | | | | | | | |
| 18. | Do you have an accidental spill prevention program document to prevent spills of chemicals or slug discharges from entering the city's collection system?  If yes, please attach. | | | | | | | Yes |  | No |  |
| 19. | Are any liquid wastes or sludges from this firm disposed of by means other than  discharge to the sewer system? | | | | | | | Yes |  | No |  |
|  | If yes, complete the following: | | | | | | | | | | |
|  | | **These wastes may be described as:** | | | | **Estimated gallons or pounds per year** | | | | | |
|  | | Acids and alkalies | | | |  | | | | | |
|  | | Heavy metal sludges | | | |  | | | | | |
|  | | Inks/dyes | | | |  | | | | | |
|  | | Oil and/or grease | | | |  | | | | | |
|  | | Organic compounds | | | |  | | | | | |
|  | | Paints | | | |  | | | | | |
|  | | Pesticides | | | |  | | | | | |
|  | | Plating wastes | | | |  | | | | | |
|  | | Pretreatment sludge | | | |  | | | | | |
|  | | Solvents/thinners | | | |  | | | | | |
|  | | Other wastes (specify): | | | |  | | | | | |
|  | |  | | | |  | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| For the above checked wastes, does you company practice: | | | | | | | | | | | | |
|  | | Onsite storage | | | | | | | | | | |
|  | | Offsite storage | | | | | | | | | | |
|  | | Onsite disposal | | | | | | | | | | |
|  | | Offsite disposal | | | | | | | | | | |
| Briefly describe the method(s) of storage or disposal checked above: | | | | |  | | | | | | | |
|  | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| 20. | Do you have a cooling water discharge? | | | | | | | Yes |  | | No |  |
|  | If yes, does cooling water discharge to: | |  | Sanitary sewer | |  | Storm sewer | | |  | | |
|  | | | | | | | | | | | | |
| 21. | Do you have a boiler blowdown discharge? | | | | | | | Yes |  | | No |  |
|  | If yes, does boiler blowdown discharge to: | |  | Sanitary sewer | |  | Storm sewer | | |  | | |
|  | | | | | | | | | | | | |
| 22. | Do you or will you discharge wastewater (other than domestic waste from restrooms, lunchrooms, etc.) to an onsite disposal system? | | | | | | | Yes |  | | No |  |
|  | If yes, please attach a description of the discharge and onsite disposal system. Also indicate if the contents are removed, by whom, and the ultimate disposal site. | | | | | | | | | | | |
|  |  | | | | | | | | | | | |
|  |  | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| 23. | Do you or will you discharge wastewater (other than domestic waste from restrooms, lunchroom, etc.) to the public sewer system? | | | | | | | Yes |  | | No |  |

**If you answered yes to question 23, please answer all questions in sections II and III, and sign the following   
Signature Page.**

If you answered no to question 23, no further information is required; simply sign the following Signature Page and return the survey to the address listed on page 1. Thank you for your cooperation.

**Confidentiality**

Nonexempt public records of the City of Springfield are disclosed to the public upon request. Exemptions from public disclosure are granted for certain circumstances. For example, to qualify for a trade secrets exemption from public disclosure under the Oregon Public Records Act (ORS 192.501), a record must meet the following criteria:

1. The information must not be patented;
2. The information must be known only to certain individuals within an organization and used in a business it conducts;
3. It must be information that has actual or potential commercial value; and
4. The information must give its users an opportunity to obtain a business advantage over competitors who do not know or use it.

Please list below those sections of this questionnaire that you are requesting remain confidential and the specific reason confidentiality is requested:

|  |
| --- |
|  |
|  |
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|  |

**SIGNATURE PAGE**

**Qualified Professional Certification:**

*I hereby certify under penalty of law that this information was obtained in accordance with the applicable procedures and requirements as specified in the federal General Pretreatment Regulations and amendments thereto, and the city's sewer use ordinance. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

Name (print)

Signature Title Date Phone

**Authorized Representative Statement:** (Corporate official, partner, fiduciary, or this duly authorized representative if this person is responsible for the overall operation of the facility from which the discharge originates).

*I certify under penalty of law that I have personally examined and I am familiar with the information in this report and all attachments therein. Furthermore, based on my inquiry of those persons immediately responsible for obtaining the information contained in this report. I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I further certify that the sampling results reported are representative of normal work cycles and expected pollutant discharges.*

Name (print)

Signature Title Date Phone

**For Categorical Industrial Users Only:**

The statement below shall be certified by any industrial user which is subject to categorical pretreatment standards under 40 CRF 403.6 and 40 CFR Chapter I, Subchapter N.:

I certify that the applicable National Categorical Pretreatment Standards **will**  **will not** be met on a consistent basis.

**NOTE: Both the Qualified Professional Certification and the Authorized Representative Statement sections must be signed.**

***Authorized Representative of Industrial User:***  *An authorized representative of an industrial user shall be: (a) A president, vice president, secretary or treasurer in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, if the industrial user is a corporation; (b) A general partner or Proprietor if the industrial user is a partnership or proprietorship, respectively; or (c) A duly authorized representative of the individual designated in (a) or (b) provided the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the discharge originates or a position of equivalent responsibility or having overall responsibility for environmental matters for the company, is made in writing by an individual designated in (a) or (b) and such authorization is provided to the City prior to or together with any reports signed by an authorized representative as provided in 40 CFR 403.12(l) or required by the City Manager.*

***40CFR 403.12(l)***

*(l) Signatory requirements for Industrial User reports. The reports required by paragraphs (b), (d), and (e) of this section shall include the certification statement as set forth in §403.6(a)(2)(ii), and shall be signed as follows:*

*(1) By a responsible corporate officer, if the Industrial User submitting the reports required by paragraphs (b), (d), and (e) of this section is a corporation. For the purpose of this paragraph, a responsible corporate officer means:*

*(i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or*

*(ii) The manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.*

*(2) By a general partner or proprietor if the Industrial User submitting the reports required by paragraphs (b), (d), and (e) of this section is a partnership, or sole proprietorship respectively.*

*(3) By a duly authorized representative of the individual designated in paragraph (l)(1) or (l)(2) of this section if:*

*(i) The authorization is made in writing by the individual described in paragraph (l)(1) or (l)(2);*

*(ii) The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the Industrial Discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and*

*(iii) the written authorization is submitted to the Control Authority.*

*(4) If an authorization under paragraph (l)(3) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph (l)(3) of this section must be submitted to the Control Authority prior to or together with any reports to be signed by an authorized representative.*

**COMPLETE ONLY IF YOU ANSWERED "YES" TO QUESTION 23.**

**Section II - Water/Wastewater Data**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. | | Water use and distribution: Estimate the average quantity of water in gal/day received and wastewater discharged daily (for new businesses estimate flows). | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | **Source** | | | | | | | | | |  | | **Disposal** | | | | | |
|  | | | | | | | | | **City Water** | | | **Private Well** | | | **Other** | | | |  | | **Sanitary Sewer** | | | **Storm Water** | | **Other** |
|  | | Domestic (restrooms, lunchrooms, etc.) | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Processes | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Boiler/Cooling Tower | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Cooling Water Contact | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Washing (equipment washdown) | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Irrigation | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Air Pollution Control | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Contained in Product | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Evaporation | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Storm Water | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Other (describe) | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | Total: | | | | | | |  | | |  | | |  | | | |  | |  | | |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | | Are the discharges or will the discharges be: | | | | | | |  | | | | Batch | | or | |  | | | Continuous | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | | If batch discharge occurs or will occur, indicate: | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | | | | | Percent processing as batch | | |  | | | | | | | | | | | | | | | | | | |
| (b) | | | | | Percent processing as continuous | | |  | | | | | | | | | | | | | | | | | | |
| (c) | | | | | Number of batch discharges | | |  | | Per Month | | | | | | | | | | | | | | | | |
| (d) | | | | | Time of batch discharges | | | (Days of Week) | | | | | | | at | (Hours of Day) | | | | | | | | | | |
| (e) | | | | | Average quantity per batch | | |  | | | Gallons | | | | | | | | | | | | | | | |
| (f) | | | | | Flow rate | | |  | | | Gallons/Minute | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | List existing or proposed plant sewer outlets, size and flow (assign sequential reference number to each sewer starting with No. 1): | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Ref. No.** | | | | | | **Sewer Size (inches)** | **Descriptive location of sewer  connection or discharge point** | | | | | | | | | | | | | | | **Daily Avg. Flow (GPD)** | | | | |
|  | | | | | |  |  | | | | | | | | | | | | | | |  | | | | |
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|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | | | General Characteristic of wastewater or proposed wastewater discharge. Provide specific values for a, b, d, e, f. | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | | | | Temperature: | | | | | | | | | |  | | | | | | | | |  | | | |
| (b) | | | | pH level: | | | | | | | | | |  | | | | | | | | |  | | | |
|  | | | |  | | | | | | | | | |  | | | |  | | | | |  | |  | |
| (c) | | | | Flammable or explosive materials: | | | | | | | | | | Yes | | | |  | | | | | No | |  | |
| (d) | | | | Fats, oil and grease (mg/L): | | | | | | | | | |  | | | | | | | | |  | | | |
| (e) | | | | Biochemical Oxygen Demand (mg/L): | | | | | | | | | |  | | | | | | | | |  | | | |
| (f) | | | | Total Suspended Solids (mg/L) | | | | | | | | | |  | | | | | | | | |  | | | |
|  | | | |  | | | | | | | | | |  | | | |  | | | | |  | |  | |
| (g) | | | | Solid or viscous material: | | | | | | | | | | Yes | | | |  | | | | | No | |  | |
| (h) | | | | Toxics: | | | | | | | | | | Yes | | | |  | | | | | No | |  | |
| (i) | | | | Solvents: | | | | | | | | | | Yes | | | |  | | | | | No | |  | |

Please include additional responses to question 5 if your facility has more than one wastewater discharge.

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Toxic Pollutants: Examine your raw materials/chemicals list and your Material Handling Sheet to assist in completing the list.  
  
Please indicate by placing an "X" in the appropriate space by each listed chemical whether it is used as a raw material, contained in products, or present in wastewater. Some compounds are known by other names. Please refer to the Synonym Listing for those compounds which have an asterisk (\*).

| **Item  No. Chemical Compound** | | **Used as raw Material** | **Contained in Product** | **Present in Wastewater** |
| --- | --- | --- | --- | --- |
|  | Ammonia |  |  |  |
|  | Asbestos |  |  |  |
|  | Cyanide |  |  |  |
|  | Antimony & Compounds |  |  |  |
|  | Arsenic & Compounds |  |  |  |
|  | Beryllium & Compounds |  |  |  |
|  | Cadmium & Compounds |  |  |  |
|  | Chromium & Compounds |  |  |  |
|  | Copper & Compounds |  |  |  |
|  | Lead & Compounds |  |  |  |
|  | Mercury & Compounds |  |  |  |
|  | Nickel & Compounds |  |  |  |
|  | Selenium & Compounds |  |  |  |
|  | Silver & Compounds |  |  |  |
|  | Thallium & Compounds |  |  |  |
|  | Zinc & Compounds |  |  |  |
|  | Acenaphthene |  |  |  |
|  | Acenaphthylene |  |  |  |
|  | Acrolein |  |  |  |
|  | Acrylonitrile |  |  |  |
|  | Aldrin |  |  |  |
|  | Anthracene |  |  |  |
|  | Benzene |  |  |  |
|  | Benzidine |  |  |  |
|  | Benzo (a) Anthracene\* |  |  |  |
|  | Benzo (a) Pyrene\* |  |  |  |
|  | Benzo (b) Fluoranthene |  |  |  |
|  | Benzo (g,h,i) Perylene\* |  |  |  |
|  | Benzo (k) Fluoranthene\* |  |  |  |
|  | a-BHC(Alpha) |  |  |  |
|  | b-BHC(Beta) |  |  |  |
|  | d-BHC(Delta) |  |  |  |
|  | g-BHC\*(Gamma) |  |  |  |
|  | Bis(2-Chloroethyl)Ether\* |  |  |  |
|  | Bis(2-Chloroethoxy)Methane\* |  |  |  |
|  | Bis(2-Chloroisopropyl)Ether\* |  |  |  |
|  | Bis(Chloromethyl)Ether\* |  |  |  |
|  | Bis(2-Ethylhexyl)Phthalate\* |  |  |  |
|  | Bromodichloromethane\* |  |  |  |
|  | Bromoform\* |  |  |  |
|  | Bromoethane\* |  |  |  |
|  | 4-Bromophenylphenyl Ether |  |  |  |
|  | Butylbenzyl Phthalate |  |  |  |
|  | Carbon Tetrachloride\* |  |  |  |
|  | Chlordane |  |  |  |
|  | 4-Chloro-3-Methylphenol\* |  |  |  |
|  | Chlorobenzene |  |  |  |
|  | Chloroethane\* |  |  |  |
|  | 2-Chloroethylvinyl Ether |  |  |  |
|  | Chloroform\* |  |  |  |
|  | Chloromethane\* |  |  |  |
|  | 2-Chloronaphthalene |  |  |  |
|  | 2-Chlorophenol\* |  |  |  |
|  | 4-Chlorophenylphenyl Ether |  |  |  |
|  | Chrysene\* |  |  |  |
|  | 4,4'-DDD\* |  |  |  |
|  | 4,4'-DDE\* |  |  |  |
|  | 4,4'-DDT\* |  |  |  |
|  | Dibenzo(A,H)Anthracene\* |  |  |  |
|  | Dibromochloromethane\* |  |  |  |
|  | 1,2-Dichlorobenzene\* |  |  |  |
|  | 1,3-Dichlorobenzene\* |  |  |  |
|  | 1,4-Dichlorobenzene\* |  |  |  |
|  | 3,3-Dichlorobenzidine |  |  |  |
|  | Dichlorodifluoromethane\* |  |  |  |
|  | 1,1-Dichloroethane\* |  |  |  |
|  | 1,2-Dichloroethane\* |  |  |  |
|  | 1,1-Dichlorethene\* |  |  |  |
|  | Trans-1,2-Dichloroethene\* |  |  |  |
|  | 2,4-Dichlorophenol |  |  |  |
|  | 2,4-Dichlorophenol |  |  |  |
|  | 1,2-Dichloropropane\* |  |  |  |
|  | (Cis & Trans)1,3-Dichloropropene\* |  |  |  |
|  | Dieldrin |  |  |  |
|  | Diethyl Phthalate\* |  |  |  |
|  | 2,4-Dimethylphenol\* |  |  |  |
|  | Dimethyl Phthalate |  |  |  |
|  | Di-N-Butyl Phthalate |  |  |  |
|  | Di-N-Octyl Phthalate\* |  |  |  |
|  | 4,6-Dinitro-2-Methylphenol\* |  |  |  |
|  | 2,4-Dinitrophenol |  |  |  |
|  | 2,4-Dinitrotoluene |  |  |  |
|  | 2,6-Dinitrotoluene |  |  |  |
|  | 1,2-Diphenylhydrazine\* |  |  |  |
|  | Endosulfan I\* |  |  |  |
|  | Endosulfan II\* |  |  |  |
|  | Endosolfan Sulfate |  |  |  |
|  | Endrin |  |  |  |
|  | Endrin Aldehyde |  |  |  |
|  | Ethylbenzene |  |  |  |
|  | Fluoranthene |  |  |  |
|  | Fluorene\* |  |  |  |
|  | Heptachlor |  |  |  |
|  | Heptachlor Epoxide |  |  |  |
|  | Hexachlorobenzene |  |  |  |
|  | Hexachlorobutadiene |  |  |  |
|  | Hexachlorocyclopentadiene\* |  |  |  |
|  | Hexachloroethane\* |  |  |  |
|  | Indeno (1,2,3-Cd)Pyrene\* |  |  |  |
|  | Isophorone\* |  |  |  |
|  | Methylene Chloride\* |  |  |  |
|  | Naphthalene |  |  |  |
|  | Nitrobenzene |  |  |  |
|  | 2-Nitrophenol\* |  |  |  |
|  | 4-Nitrophenol\* |  |  |  |
|  | N-Nitrosodimethylamine\* |  |  |  |
|  | N-Nitrosodipropylamine\* |  |  |  |
|  | N-Nitrosodiphenylamine\* |  |  |  |
|  | PCB-1016\* |  |  |  |
|  | PCB-1221\* |  |  |  |
|  | PCB-1232\* |  |  |  |
|  | PCB-1242\* |  |  |  |
|  | PCB-1248\* |  |  |  |
|  | PCB-1254\* |  |  |  |
|  | PCB-1260\* |  |  |  |
|  | Pentachlorophenol |  |  |  |
|  | Phenanthrene |  |  |  |
|  | Pyrene |  |  |  |
|  | 2,3,7,8-Tetrachlorodibenzo-P-Dioxin\* |  |  |  |
|  | 1,1,2,2-Tetrachloroethane\* |  |  |  |
|  | Tetrachloroethene\* |  |  |  |
|  | Toluene\* |  |  |  |
|  | Toxaphene |  |  |  |
|  | 1,2,4-Trichlorobenzene |  |  |  |
|  | 1,1,1-Trichloroethane\* |  |  |  |
|  | 1,1,2-Trichloroethane\* |  |  |  |
|  | Trichloroethene\* |  |  |  |
|  | Trichlorofluoromethane\* |  |  |  |
|  | 2,4,6-Trichlorophenol |  |  |  |
|  | Vinyl Chloride\* |  |  |  |

Synonym Listing

|  |  |  |  |
| --- | --- | --- | --- |
| **CHEMICAL COMPOUND** | **SYNONYM** | **CHEMICAL COMPOUND** | **SYNONYM** |
| benzo(a)anthracene | 1,2-benzathracene  2,3-benzphenanthrene | di-n-octyl phthalate  4,6-dinitro-2-methylphenol | di-(2-ethylhexyl)phthalate  4,6-dinitro-ortho-cresol |
| benzo(a)pyrene | 3,4-benzopyrene | 1,2-diphenylhydrazine | hydrazobenzene |
| benzo(g,h,i)perylene | 1,12-benzoperylene | endosulfan I | a-endosulfan-alpha |
| benzo(k)fluoroanthene | 11,12-benzofluoroanthenelindane | endosulfan II | b-endosulfan-beta |
| g-BHC(gamma) | Lindane | fluorene | (alpha)-diphenylene methane |
| bis(2-chloroethyl)ether | 2,2-dichloroethyl ether | hexachlorobenzene | perchlorobenzene |
| bis(2-chloroethoxy)methane | 2,2-dichloroethyoxy methane | hexachlorocyclopentadiene | perchlorocyclopentadiene |
| bis(2-chloroisopropyl)ether perchloroethane | 2,2-dichloroisopropyl ether | hexachloroethane | perchloroethane |
| bis(chloromethyl)ether | (sym)dichloromethyl ether | indeno(1,3,3-cd)pyrene | 2,3-ortho-phenylene pyrene |
| bis(2-ethylhexyl)phthalate | 2,2-diethylehexyl phthalate | isophorone | 3,4,5-trimethyl-2-cyclohexen-1-one |
| bromodichloromethane | Dichlorobromomethane | methylene chloride | dichloromethane |
| bromoform | Tribromomethane | 2-nitrophenol | ortho-nitrophenol |
| bromomethane | methyl bromide | 4-nitrophenol | para-nitrophenol |
| carbon tetrachloride | Tetrachloromethane | N-nitrosodimethylamine | dimethyl-nitrosoamine |
| 4-chloro-3-methylphenol | ortho-chloro-meta-cresol | N-nitrosodipropylamine | N-nitroso-di-n-propylamine |
| chloroethane | Ethylchloride | N-nitrosodiphenylamine | diphenyl-nitrosoamine |
| chloroform | Trichloromethane | PCB-1016 | Arochlor-1016 |
| chloromethane | methyl chloride | PCB-1221 | Arochlor-1221 |
| 2-chlorophenol | ortho-chlorophenol | PCB-1232 | Arochlor-1232 |
| chrysene | 1,2-benzphenanthrene | PCB-1242 | Arochlor-1242 |
| 4,4-DDD | Dichlorodiphenyldichloroethane  p,p-TDE  tetrachlorodiphenylethane | PCB-1248  PCB-1254  PCB-1260 | Arochlor-1248  Arochlor-1254  Arochlor-1260 |
| 4,4-DDE | Dichlorodiphenyltrichloroethylene  p,p-DDX | 2,3,7,8-tetrachlorodibenzo  p-dioxin | TCDD |
| 4,4-DDT | dichlorodiphenyltrichloroethane | 1,1,2,2-tetrachlorethane | acetylene tetrachloride |
| dibenzo(a,h)anthracene | 1,2,5,6-dibenzanthracene | tetrachloroethene | perchloroethylene |
| dibromochloromethane | chlorodibromomethane |  | tetrachloroethylene |
| 1,2-dichlorobenzene | ortho-dichlorobenzene | toluene | methylbenzene |
| 1,3-dichlorobenzene | meta-dichlorobenzene |  | toluol |
| 1,4 dichlorobenzene | para-dichlorobenzene | 1,1,1-trichloroethane | methyl chloroform |
| dichlorodifluoromethane | Difluorodichloromethane  fluorocarbon-12 | 1,1,2-trichloroethane  trichloroethene | vinyl trichloride  trichloroethylene |
| 1,1-dichloroethane | ethylidene chloride | trichlorofluoromethane | fluorocarbon-11 |
| 1,2-dichloroethane | ethylene chloride  ethylene dichloride | vinyl chloride | Fluorotrichloromethane  chloroethene |
| 1,1-dichloroethene | 1,1-dichloroethylene |  | chloroethylene |
| (trans)-1,2-dichloroethene | acetylene dichloride  1,2(trans)-dichloroethylene |  |  |
| 1,2-dichloropropane | propylene dichloride |  |  |
| (cis & trans)1,3-dichloropropene | (cis & trans)1,3-dichloropropylene |  |  |
| diethyl phthalate | ethyl phthalate |  |  |
| 2,4-dimethylphenol | 2,4-xylenol |  |  |

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| --- | --- | --- | --- | --- | --- |
| 7. | List all principal materials regularly used in your facility that may be present in your wastewater discharge (such as cleaning agents, solvents, food processing waste, plating solutions, catalysts, milk wastes, ink, etc.). Identify chemical constituents, if known, or brand name. | | | | |
| **Generic Type** | |  | **Amount Per Year** |  | **Chemical Constituents or Brand Names** |
| Example: Degreaser | |  | 3 gallons |  | Trichlorethylene |
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| (Attach additional sheets if necessary) | | | | | |

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| 8. | Is an inspection and sampling manhole structure available onsite? | | | | | | | | | | Yes |  | No |  | |
|  | If yes, provide location below and include as part of the process flow schematic (see Section III, question 4). | | | | | | | | | | | | | | |
|  | Location description: | |  | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
|  | If no, is one planned? | | | | | | | | | | Yes |  | No |  | |
|  | | | | | | | | | | | | | | | |
| 9. | Do you currently have or plan to have automatic sampling equipment or continuous wastewater flow metering equipment? | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
|  | Current: Flow Metering | | | Yes |  | No | | |  | Sampling Equipment | Yes |  | No |  | |
|  | Planned: Flow Metering | | | Yes |  | No | | |  | Sampling Equipment | Yes |  | No |  | |
|  | | | | | | | | | | | | | | | |
| If so , please indicate the present or future location of this equipment on the sewer schematic and describe the equipment below: | | | | | | | | | | | | | | | |
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| 10. | Does your facility pre-treat or plan on pre-treating any wastewater prior to discharge to a sanitary sewer? | | | | | | | | | | | | | | |
| Current Pre-treat: | | | | Yes |  | No | |  | | Plan to Pre-treat: | Yes |  | No |  | |
|  | | | | | | | | | | | | | | | |
| If you currently pre-treat, do you have any plans to install additional pretreatment  equipment? | | | | | | | | | | | Yes |  | No |  | |
| 11. | | | Pretreatment devices or processes used or proposed for treating wastewater or sludge (check as many as appropriate). | | | | | | | | | | | | |
|  | | | Aeration | | | | |  | | | | | | | |
|  | | | Air flotation | | | | |  | | | | | | | |
|  | | | Centrifuge | | | | |  | | | | | | | |
|  | | | Chemical precipitation | | | | |  | | | | | | | |
|  | | | Chlorination | | | | |  | | | | | | | |
|  | | | Cyclone | | | | |  | | | | | | | |
|  | | | Filter Press | | | | |  | | | | | | | |
|  | | | Filtration | | | | |  | | | | | | | |
|  | | | Flow equalization | | | | |  | | | | | | | |
|  | | | Grease or oil separation, type: | | | | |  | | | | | | | |
|  | | | Grease trap | | | | |  | | | | | | | |
|  | | | Grit removal | | | | |  | | | | | | | |
|  | | | Ion exchange | | | | |  | | | | | | | |
|  | | | Neutralization, pH correction | | | | |  | | | | | | | |
|  | | | Ozonation | | | | |  | | | | | | | |
|  | | | Reverse osmosis | | | | |  | | | | | | | |
|  | | | Screen | | | | |  | | | | | | | |
|  | | | Sedimentation | | | | |  | | | | | | | |
|  | | | Septic tank | | | | |  | | | | | | | |
|  | | | Solvent separation | | | | |  | | | | | | | |
|  | | | Spill protection | | | | |  | | | | | | | |
|  | | | Sump | | | | |  | | | | | | | |
|  | | | Biological treatment, type: | | | | |  | | | | | | | |
|  | | | Rainwater diversion or storage: | | | | |  | | | | | | | |
|  | | | Other chemical treatment, type: | | | | |  | | | | | | | |
|  | | | Other physical treatment, type: | | | | |  | | | | | | | |
|  | | | Other, type: | | | | |  | | | | | | | |

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| 12. | Describe the loading rate, design capacity, physical size, etc. of each pretreatment device or process checked above. If the facility is a proposed facility, attach engineering report, plans, and specifications. | | | | |
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| 13. | Any planned changes in wastewater treatment? If yes, describe below. | Yes |  | No |  |
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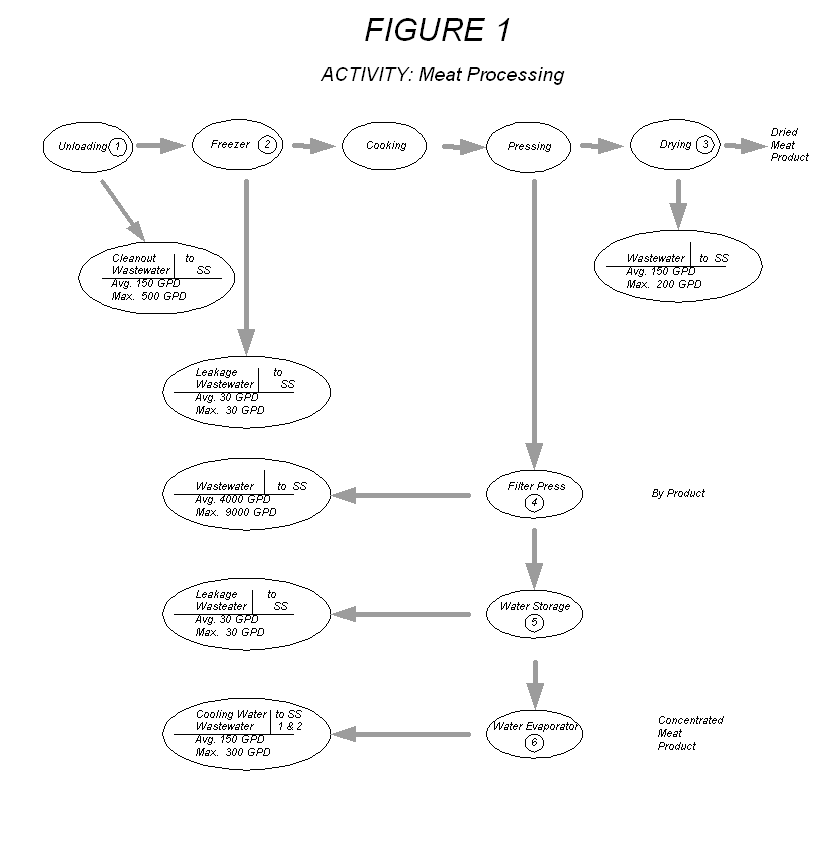
**Section III - Business/Facility Description**

PURPOSE--The business description is primarily used to determine the substances which may enter into the wastewater discharge from the business activity.

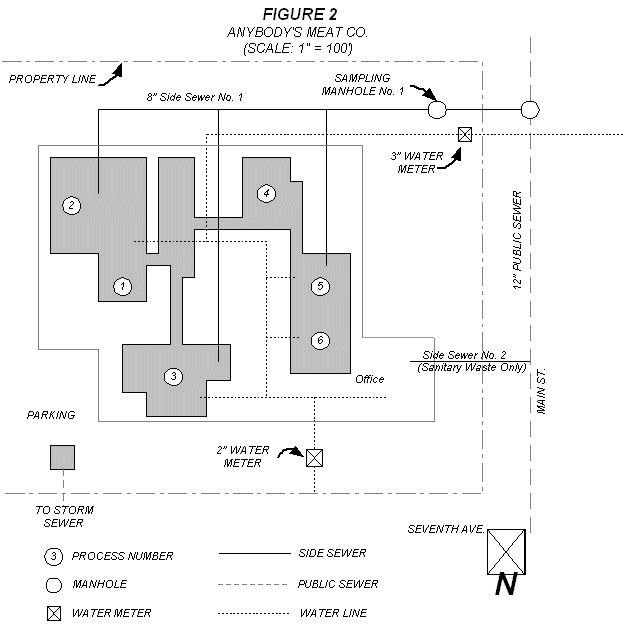
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| 1. | Business Activity - Complete a separate Section III for each major or proposed business activity or product line on premises. An activity is a major class of manufacturing. Only one building layout (question 5) is required. | | | | | | | | | |
|  | | | | | | | | | | |
| Activity: | |  | | SIC Nos.: | |  | | NAIC Nos.: | |  |
|  | | | | | | | | | | |
|  | (a) Raw Materials used or planned for use in this activity: | | | | | | | | | |
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|  | (b) Chemicals used or planned for use: | | | | | | | | | |
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|  | (c) Product (new businesses: provide best estimates): | | | | | | | | | |
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|  |  | | | | | | | | | |
| TYPE OF PRODUCT  (Brand Names) | | | Past calendar year Amounts Per Day(Daily Units) | | | | Estimate this calendar year Amounts Per Day(Daily Units) | | | |
|  | | | Average | | Maximum | | Average | | Maximum | |
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| (d) | | | Process Description: Describe each wastewater generating process. | | | | | | | | | | | | | | | | | | | | |
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| (e) | | | Substances Discharged: Give common and technical names of each major raw material and product that may be discharged to the sewer. | | | | | | | | | | | | | | | | | | | | |
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| 2. | Discharge Period | | | | | | | | | | | | | | | | | | | | | | |
| (a) | | | Hours of Day operated or planned: | | | | | | | | | | | | | | | | | | | | |
|  | | | | | Mon | | | | Tue | | Wed | | | Thu | | | Fri | | Sat | | | Sun | |
|  | | | | |  | | | |  | |  | | |  | | |  | |  | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | |
| (b) | | | Time duration of discharge or planned: | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | Mon | | | | Tue | | Wed | | | Thu | | | Fri | | Sat | | | Sun | |
|  | | | | |  | | | |  | |  | | |  | | |  | |  | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Variation of Operation | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | | | Continuous operation throughout the year. | | | | | | | | | | | | | | | | | |
|  | |  | | | | Seasonal - Check the months of the year during which discharge occurs. | | | | | | | | | | | | | | | | | |
|  | | | | Jan | | | Feb | Mar | | Apr | | May | Jun | | Jul | Aug | | Sep | | Oct | Nov | | Dec |
|  | | | |  | | |  |  | |  | |  |  | |  |  | |  | |  |  | |  |

1. Process flow schematic. For each major activity in which wastewater is generated, draw a diagram of the flow of materials and water from start to completed activity, showing all unit processes generating wastewater. Also, for each process give the date it was established on site. Number each unit process having a wastewater discharge to the sanitary sewer (see section II, question 4). Use these numbers when showing this unit process in the building layout schematic. To determine your average and maximum daily volumes of wastewater flow, you may have to read water meters, sewer meters, or make estimates of volumes that are not directly measurable. Use an additional sheet of 8X11 paper for each major activity. An example is provided below.

****

1. Building layout. Provide a scale building layout or plant site plan. Approved building plans may be substituted. A north arrow and scale must be shown. Clearly identify the location of each existing and proposed sampling manhole and side sewer as well as all wastewater and drainage plumbing. Number each unit process discharging wastewater to the community sewer. Use the same numbering system used in the flow schematic. An example plan is shown below.

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1. NAIC is a new industry classification number that will eventually replace the SIC. [↑](#footnote-ref-1)