

**Sewer Development Review Application For
Industrial Wastewater
Discharge Permit**

This form must be properly completed and submitted with an original signature, along with any supplemental information as outlined in this form.

Required documents must be delivered to the Development Center at the Pierce County Annex, 2401 S 35th St., Tacoma WA, 98409.

Use this form if you are a new Significant Industrial User (SIU) or an existing SIU that is changing its process covered by its existing Industrial Wastewater Discharge Permit.

Sewer approvals must be obtained prior to issuance of building permits, business licenses, and/or occupying the structure or tenant space.

1. **All sections of the application must be completed.** Information must be typed or printed clearly.
2. Attach any additional sheets as needed to provide necessary information on behalf of the company, corporation or partnership as required in the application. Submit **two copies** of the application and all attachments.
3. **Pay an additional Plan Review Fee**
4. The Pierce County Pretreatment Ordinance 99-26 states that the official signing this application must be (1)(a) for a corporation: a responsible corporate officer (president, vice-president, secretary or treasurer of the corporation) in charge of a principle business function, or any other person who performs similar policy or decision-making functions for the corporation; (b) the manager of one or more manufacturing, production or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedure; (2) for a partnership or sole proprietorship, a general partner or proprietor, respectively; (3) for a federal, state or local governmental facility, a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility or designee; or (4) individuals as described above may designate another authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates, or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the County .
5. The Washington Administrative Code (WAC) Chapter 173-240 SUBMISSION OF PLANS AND REPORTS FOR CONSTRUCTION OF WASTEWATER FACILITIES requires a) submission and approval of an engineering report, b) submission and approval of plans and specifications; and c) submission of an operation and maintenance manual.

If you have questions, please contact our engineering office at (253) 798-2737.

I. General Information

A. Industrial User

- 1. Applicant Name: _____
Mailing Address: _____
 Street Suite/Tenant Space City Zip
- Office or Cell Phone: _____ Alternate Number: _____
- Email Address: _____

I. General Information

A. Industrial User

- 1. Facility Name: _____
- 2. Company Name: _____
- 3. Mailing Address: _____
 Street Suite/Tenant Space City Zip
- 4. Facility Address: _____
 Street Suite/Tenant Space City Zip
- 5. Facility Parcel Number: _____
- 6. Signing Official Name: _____
Title: _____ Phone: _____
Email Address: _____
- 7. Contact Official Name: _____
Title: _____ Phone: _____
Email Address: _____
- 8. Are you the (check one): Property Owner? Lessee?
If the Lessee, include the Property Owner or Manager's name, address and phone number
Name: _____
Title: _____ Phone: _____
Address: _____
 Street Suite/Tenant Space City Zip
- 9. Primary Business Activity: _____
- 10. Standard Industrial Classification (SIC) Code(s): _____
- 11. List all Local, State and/or Federal environmental permits held, including permit numbers:

- 12. Is the wastewater discharge from your facility (check one) Existing? Proposed?

B. Certification Statement

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individual 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

Date

Print Name

Title

C. Confidentiality:

Information and data identifying the nature and frequency of a discharge shall be available to the public. Request for confidential treatment of all other information shall be governed by procedures specified in the Pierce County Pretreatment Ordinance 99-26. Please indicate those sections of this application that you wish to remain confidential and your basis for requesting confidentiality.

II. Plant and Process Data

A. Plant Operation

1. Is this business subject to seasonal variations? Yes No

If yes, please describe the variations:

2. Number of work days per week: _____

3. Total number of employees: _____

| | First Shift | Second Shift | Third Shift |
|-------------------------------|--------------------|---------------------|--------------------|
| Start/end time of shifts: | _____ | _____ | _____ |
| Number of employees per shift | _____ | _____ | _____ |

4. Months of peak operation: _____

5. Scheduled shutdown periods: _____

6. Are the manufacturing processes (check) Batch? Continuous? Both?

If both, explain:

7. Plans for expansion? Yes No

B. Product/Service Description

1. List all products manufactured or services provided by your facility along with the corresponding Standard Industrial Classification (SIC) codes:

| Products/Services | 4-digit SIC Code |
|--------------------------|-------------------------|
| a. _____ | _____ |
| b. _____ | _____ |
| c. _____ | _____ |
| d. _____ | _____ |

2. Are automatic samplers, pH meters or flow monitoring devices in use? Yes No

If yes, describe the device and its location(s):

3. Will your facility pretreat any wastewater prior to discharge to the sanitary sewer? Yes No

If yes, describe the pretreatment method, equipment and location(s):

II. Plant and Process Data (cont.):

C. Facility Layout Diagram

You will need to submit a layout of the facility, drawn to scale, with this application.

Your submittal must include: The facility boundaries (including building walls, entrances, exits, streets, alleys, north arrow and other pertinent physical structures); The location of municipal sewer lines (including manholes and cleanouts) and stormwater catch basins, location of all floor drains, sewer lines and other points of discharge to the municipal sewer system, location and identification of process discharges. Processes may be identified by number as long as they correspond with those shown on the Process Schematic Diagrams in Section IV.C of this application. For reference and field application, include a North arrow. Professionally prepared drawings may be required by the County.

D. Spill Prevention/Waste Disposal Information

- 1. Does your facility have an Accidental Spill Prevention Plan? Yes No
- 2. Do you propose to discharge chemicals, sludges or hazardous waste to the sanitary or storm sewer? Yes No

If yes, please explain:

- 3. List all principle materials, including any raw materials, cleaning agents, solvents, plating solutions, catalysts, photo compounds, process chemicals, etc., that are regularly used or stored in your facility in the table below. The name may be obtained from the labels attached to the containers of the materials. Also list the quantity used and what the material is being used for at the facility. The location(s) must be shown on the facility diagram in Section II.C above.

| | Brand Name | Generic Name | Principle Chemical Constituents | Annual Usage | Facility Use |
|-----|-----------------|------------------|---------------------------------|--------------------|-----------------|
| ex. | <i>Nogrease</i> | <i>Degreaser</i> | <i>Trichloroethylene</i> | <i>100 gallons</i> | <i>Cleaning</i> |
| a. | | | | | |
| b. | | | | | |
| c. | | | | | |
| d. | | | | | |
| e. | | | | | |
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II. Plant and Process Data (cont.):

4. List any other hazardous, flammable or corrosive materials, products and or wastes that will be used or stored on site in the table below. The location(s) of the materials must be shown on the facility layout diagram in Section II.C above.

| Type of Material | Volume | Where is it stored on site? |
|------------------|--------|-----------------------------|
| | | |
| | | |
| | | |
| | | |

5. Submit all Safety Data Sheets (SDS) for materials that will be discharged to or have the potential to be discharged to the sanitary or storm sewers.

6. Does your facility have an EPA Generator No. or State ID No.? _____

III. Water/Wastewater Data

A. Water Use

The following is a balance sheet to show what sources of water are used by the facility and how the water is used within the facility. Fill in the amount of water used and/or discharged or recycled for each section so the water use is accounted for as accurately as possible. All values entered in the table will be based on **daily** flows.

| Facility Water Use | Water Source Code (see below) | Average Water Use (gallons/day) | Maximum Water Use (gallons/day) | Average Discharge to Sewer (gallons/day) | Maximum Discharge to Sewer (gallons/day) | Amount of Water Recycled (gallons/day) |
|---------------------|-------------------------------|---------------------------------|---------------------------------|------------------------------------------|------------------------------------------|----------------------------------------|
| Sanitary (domestic) | | | | | | |
| Process | | | | | | |
| Boiler | | | | | | |
| Irrigation | | | | | | |
| Into Product | | | | | | |
| Evaporation | | | | | | |
| Other | | | | | | |
| TOTAL | | | | | | |

Water Source Codes: **A** Municipal Supply **C** Recycled/Reclaimed
 B Private Well **D** Other (specify) _____

III. Water/Wastewater Data (cont.):

B. Continuous/Batch Discharges

- | | |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Continuous Discharge:</p> <p>Hours: From _____ To _____</p> <p>Days of week: _____</p> | <p>2. Batch Discharge:</p> <p>Volume (gallons): _____ Rate (gpm): _____</p> <p>Hour(s) of day: _____</p> <p>Day(s) of week: _____</p> |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|

IV. Process Detail

A. Process Activities

List each separate production or process that takes place in your facility.
Examples: cooking, equipment washing, metal forming, chemical formulations, painting, etc.

B. Water Use

For each process that generates wastewater, provide process information in the table below.

| Process | Regulated Discharge (gallons per day) | | Production Rate | | |
|---------|---------------------------------------|---------|-----------------|---------|-----------------|
| | Average | Maximum | Last Year | Current | 40 CFR Category |
| | | | | | |
| | | | | | |
| | | | | | |
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C. Process Schematic Diagram

You will need to submit a schematic process diagram of your facility showing locations of all process sites, sewer connections, and possible spill pathways, drawn to scale, with this application. The diagram must also show directions of flow and locations of possible sampling points. For reference and field orientation, include a North arrow and show location of buildings, alleys, streets and other pertinent landmarks. Professionally prepared drawings may be required by the County.

1. List all sewer connections, size and flow in the table below. Assign sewer reference numbers and show on the schematic diagram as described in Section III.B above.

| Sewer Number | Sewer Size (inches) | Description of Sewer Connection Location | Average Flow (gallons per day) |
|--------------|---------------------|------------------------------------------|--------------------------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |

IV. Process Detail (cont.):

D. Priority Pollutant Information

1. Indicate by placing an "X" in the appropriate box by each listed chemical as to whether it is to be "Suspected Absent", "Known Absent", "Suspected Present", or "Known Present" in your manufacturing or service activity or generated as a byproduct. Refer to Attachment A for those compounds which have an asterisk (*)

| Item No. | Chemical Compound | Suspected Absent | Known Absent | Suspected Present | Known Present |
|----------|-------------------------------|------------------|--------------|-------------------|---------------|
| 1 | asbestos (fibrous) | | | | |
| 2 | cyanide (total) | | | | |
| 3 | antimony (total) | | | | |
| 4 | beryllium (total) | | | | |
| 5 | arsenic (total) | | | | |
| 6 | cadmium (total) | | | | |
| 7 | chromium (total) | | | | |
| 8 | copper (total) | | | | |
| 9 | lead (total) | | | | |
| 10 | mercury (total) | | | | |
| 11 | nickel (total) | | | | |
| 12 | selenium (total) | | | | |
| 13 | silver (total) | | | | |
| 14 | thallium (total) | | | | |
| 15 | zinc (total) | | | | |
| 16 | acenaphthene | | | | |
| 17 | acenaphthylene | | | | |
| 18 | acrolein | | | | |
| 19 | acrylonitrile | | | | |
| 20 | aldrin | | | | |
| 21 | anthracene | | | | |
| 22 | benzene | | | | |
| 23 | benzidine | | | | |
| 24 | benzo(a)anthracene* | | | | |
| 25 | benzo(a)pyrene* | | | | |
| 26 | benzo(b)fluoranthene* | | | | |
| 27 | benzo(g,h,i)perylene* | | | | |
| 28 | benzo(k)fluoranthene* | | | | |
| 29 | a-BHC (alpha) | | | | |
| 30 | b-BHC (beta) | | | | |
| 31 | d-BHC (delta)* | | | | |
| 32 | g-BHC (gamma)* | | | | |
| 33 | bis(2-chloroethyl) ether* | | | | |
| 34 | bis(2-chloroethoxy)methane* | | | | |
| 35 | bis(2-chloroisopropyl) ether* | | | | |
| 36 | bis(2-ethylhexyl) phthalate* | | | | |
| 37 | bromodichloromethane* | | | | |

| Item No. | Chemical Compound | Suspected Absent | Known Absent | Suspected Present | Known Present |
|----------|-----------------------------------------|------------------|--------------|-------------------|---------------|
| 38 | bromoform* | | | | |
| 39 | bromomethane* | | | | |
| 40 | 4-bromophenylphenyl ether | | | | |
| 41 | butylbenzyl phthalate | | | | |
| 42 | carbon tetrachloride* | | | | |
| 43 | chlordane (tech. mixture & metabolites) | | | | |
| 44 | 4-chloro-3-methylphenol* | | | | |
| 45 | chlorobenzene | | | | |
| 46 | chloroethane* | | | | |
| 47 | 2-chloroethyl vinyl ether (mixed) | | | | |
| 48 | chloroform* | | | | |
| 49 | 2-chloroanthalene | | | | |
| 50 | 2-chlorophenol* | | | | |
| 51 | 4-chlorophenylphenyl ether | | | | |
| 52 | chrysene* | | | | |
| 53 | 4,4-DDD* | | | | |
| 54 | 4,4-DDE* | | | | |
| 55 | 4,4-DDT* | | | | |
| 56 | dibenzo(a,h)anthracene* | | | | |
| 57 | dibromochloromethane* | | | | |
| 58 | 1,2-dichlorobenzene* | | | | |
| 59 | 1,3-dichlorobenzene* | | | | |
| 60 | 1,4-dichlorobenzene* | | | | |
| 61 | 3,3-dichlorobenzidine | | | | |
| 62 | 1,1-dichloroethane* | | | | |
| 63 | 1,2-dichloroethane* | | | | |
| 64 | 1,1-dichloroethene* | | | | |
| 65 | (trans)1,2-dichloroethene* | | | | |
| 66 | 2,4-dichlorophenol | | | | |
| 67 | 1,2-dichloropropane* | | | | |
| 68 | (cis & trans)1,3-dichloropropene | | | | |
| 69 | dieldrin | | | | |
| 70 | diethyl phthalate* | | | | |
| 71 | 2,4-dimethylphenol* | | | | |
| 72 | dimethyl phthalate | | | | |
| 73 | di-n-butyl phthalate | | | | |
| 74 | di-n-octyl phthalate | | | | |

IV. Process Detail (cont.):

D. Priority Pollutant Information (cont.):

| Item No. | Chemical Compound | Suspected Absent | Known Absent | Suspected Present | Known Present |
|----------|-----------------------------|------------------|--------------|-------------------|---------------|
| 75 | 4,6-dinitro-2-methylphenol* | | | | |
| 76 | 2,4-dinitrophenol | | | | |
| 77 | 2,4-dinitrotoluene | | | | |
| 78 | 2,6-dinitrotoluene | | | | |
| 79 | 1,2-diphenylhydrazine* | | | | |
| 80 | endosulfan I* | | | | |
| 81 | endosulfan II* | | | | |
| 82 | endosulfan sulfate | | | | |
| 83 | endrin | | | | |
| 84 | endrin aldehyde | | | | |
| 85 | ethylbenzene | | | | |
| 86 | fluoranthene | | | | |
| 87 | fluorene* | | | | |
| 88 | heptachlor | | | | |
| 89 | heptachlor epoxide* | | | | |
| 90 | hexachlorobenzene* | | | | |
| 91 | hexachlorobutadiene* | | | | |
| 92 | hexachlorocyclopentadiene* | | | | |
| 93 | hexachloroethane* | | | | |
| 94 | indeno(1,2,3-cd)pyrene* | | | | |
| 95 | isophorone* | | | | |
| 96 | methyl chloride* | | | | |
| 97 | methylene chloride* | | | | |
| 98 | naphthalene | | | | |
| 99 | nitobenzene | | | | |
| 100 | 2-nitrophenol* | | | | |

| Item No. | Chemical Compound | Suspected Absent | Known Absent | Suspected Present | Known Present |
|----------|--------------------------------------|------------------|--------------|-------------------|---------------|
| 101 | 4-nitrophenol* | | | | |
| 102 | n-nitrodimethylamine* | | | | |
| 103 | n-nitrodipropylamine* | | | | |
| 104 | n-nitrodiphenylamine* | | | | |
| 105 | PCB-1016* | | | | |
| 106 | PCB-1221* | | | | |
| 107 | PCB-1232* | | | | |
| 108 | PCB-1242* | | | | |
| 109 | PCB-1248* | | | | |
| 110 | PCB-1254* | | | | |
| 111 | PCB-1260* | | | | |
| 112 | pentachlorophenol | | | | |
| 113 | phenanthrene | | | | |
| 114 | phenol | | | | |
| 115 | pyrene | | | | |
| 116 | 2,3,7,8-tetrachlorodibenzo-p-dioxin* | | | | |
| 117 | 1,1,2,2-tetrachloroethane* | | | | |
| 118 | tetrachloroethene* | | | | |
| 119 | toluene* | | | | |
| 120 | toxaphene | | | | |
| 121 | 1,2,4-trichlorobenzene | | | | |
| 122 | 1,1,1-trichloroethane* | | | | |
| 123 | 1,1,2-trichloroethane* | | | | |
| 124 | trichloroethene* | | | | |
| 125 | 2,4,6-trichlorophenol | | | | |
| 126 | vinyl chloride* | | | | |

IV. Process Detail (cont.):

D. Priority Pollutant Information (cont.):

2. Provide the information required in the table below for each chemical compound which is indicated to be "Known Present" in Section D.1 (attach additional sheets if needed):

| Item No. | Chemical Compound | Annual Usage (lbs) | Estimated Loss To Sewer (lbs/yr) |
|----------|-------------------|--------------------|----------------------------------|
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| Item No. | Chemical Compound | Annual Usage (lbs) | Estimated Loss To Sewer (lbs/yr) |
|----------|-------------------|--------------------|----------------------------------|
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Attachment A

Priority Pollutant Synonym Listing

| Chemical Compound | Synonym | Chemical Compound | Synonym |
|----------------------------------|------------------------------------|-------------------------------------|------------------------------------|
| benzo(a)anthracene | 1,2-benzanthracene | diethyl phthalate | ethyl phthalate |
| | 1,3-benzphenanthrene | 2,4-dimethylphenol | 2,4-xylenol |
| benzo(a)pyrene | 3,4-benzopyrene | di-n-octyl-phthalate | di(2-ethylhexyl) phthalate |
| benzo(g,h,i)perylene | 1,12-benzoperylene | 4,6-dinitro-2-methylphenol | 4,6-dinitro-ortho-cresol |
| benzo(b)fluoranthene | 3,4-benzofluoranthene | 1,2-diphenylhydrazine | hydrazobenzene |
| benzo(k)fluoranthene | 11,12-benzofluoranthene | endosulfan I | a-endosulfan-alpha |
| d-BHC(delta) | PCB-polychlorinated biphenyls | endosulfan II | b-endosulfan-beta |
| g-BHC(gamma) | lindane | fluorene | (alpha)-diphenylenemethane |
| bis(2-chloroethyl) ether | 2,2-dichloroethyl ether | heptachlor epoxide | BHC-hexachlorocyclohexane |
| bis(2-chloroethoxy)methane | 2,2-dichloroethoxymethane | hexachlorobenzene | perchlorobenzene |
| bis(2-chloroisopropyl) ether | 2,2-dichloroisopropyl ether | hexachlorocyclopentadiene | perchlorocyclopentadiene |
| bis(2-ethylhexyl) phthalate | 2,2-diethylhexyl phthalate | hexachloroethane | perchloroethane |
| bromodichloromethane | dichlorobromomethane | indeno(1,3,3-cd)pyrene | 2,3-ortho-phenylenepylene |
| bromoform | tribromomethane | isophorone | 3,5,5-trimethyl-2-cyclohexen-1-one |
| bromomethane | methyl bromide | methyl chloride | chloromethane |
| carbon tetrachloride | tetrachloromethane | methylene chloride | dichloromethane |
| 4-chloro-3-methylphenol | para-chloro-meta-cresol | 2-nitrophenol | para-nitrophenol |
| chloroethane | ethyl chloride | 4-nitrophenol | ortho-nitrophenol |
| chloroform | trichloromethane | N-nitrosodimethylamine | dimethyl-nitrosoamine |
| 2-chlorophenol | para-chlorophenol | N-nitrosodipropylamine | N-nitroso-di-n-propylamine |
| Chrysene | 1,2-benzphenanthrene | N-nitrosophenylamine | diphenyl-nitrosoamine |
| 4,4-DDD | dichlorodiphenyltrichloroethane | PCB-1016 | Arochlor-1016 |
| | p,p-TDE | PCB-1221 | Arochlor-1221 |
| | tetrachlorodiphenylethane | PCB_1232 | Arochlor-1232 |
| 4,4-DDE | dichlorodipenyldichloroethylene | PCB-1242 | Arochlor-1242 |
| | p,p-DDX | PCB-1248 | Arochlor-1248 |
| 4,4-DDT | dichlorodiphenyltrichloroethane | PCB-1254 | Arochlor-1254 |
| dibenzo(a,h)anthracene | 1,2,5,6-dibenzanthracene | PCB-1260 | Arochlor-1260 |
| dibromochloromethane | chlorodibromomethane | 2,3,7,8-tetrachlorodibenzo-p-dioxin | TCDD |
| 1,2-dichlorobenzene | ortho-dichlorobenzene | 1,1,2,2-tetrachloroethane | acetylene tetrachloride |
| 1,3-dichlorobenzene | meta-dichlorobenzene | | perchloroethylene |
| 1,4-dichlorobenzene | para-dichlorobenzene | tetrachloroethene | tetrachloroethylene |
| 1,1-dichloroethane | ethylidene chloride | | toluene |
| 1,2-dichloroethane | ethylene chloride | 1,1,1-trichloroethane | |
| | ethylene dichloride | | 1,1,2-trichloroethane |
| 1,1dichloroethene | 1,1-dichloroethylene | trichloroethene | vinyl trichloride |
| (trans)-1,2-dichloroethene | acetylene dichloride | vinyl chloride | trichloroethylene |
| | 1,2(trans)-dichloroethylene | | chloroethene |
| 1,2-dichloropropane | propylene dichloride | | chloroethylene |
| (cis & trans)1,3-dichloropropene | (cis & trans)1,3-dichloropropylene | | |