



APPLICATION TO DISCHARGE INDUSTRIAL WASTEWATER TO A PUBLICLY-OWNED TREATMENT WORKS (POTW)

This application is for a wastewater discharge permit for a discharge of industrial wastewater to the City of Port Angeles' wastewater treatment plant (POTW) as required by Chapter 13.06.085. It is designed to provide the City of Port Angeles with information on pollutants in the discharged wastestream, materials that may enter the waste stream, and the flow characteristics of the discharge.

Information previously submitted to the City that applies to this application should be referenced in the appropriate section. The City and the Washington State Department of Ecology may request additional information to clarify the conditions of this discharge.

SECTION A. GENERAL INFORMATION

1. Applicant Name: _____

2. Facility Name: _____
(if different from Applicant)

3. Applicant Mail Address: _____
Street

City/State Zip

4. Facility Location Address: _____
(if different from 3 above) Street

City/State Zip

5. Latitude/longitude of the facility: _____ 6. UBI Number _____
____ ° ____ ' ____ " N ____ ° ____ ' ____ " W

7. Latitude/longitude of the point of discharge to the municipal collection system , if greater than 100 feet from facility location ____ ° ____ ' ____ " N ____ ° ____ ' ____ " W

8. Contact person: _____
Name Title

Telephone Number Fax Number E-Mail

Table with 4 columns: Date Application Received, Date Fee Paid, Application/Permit No., Date Application Accepted. Includes checkboxes for 'Check One: New/Renewal' and 'Modification'.

9. Check One:

Permit Renewal (including renewal of temporary permits)

Does this application request a greater amount of wastewater discharge, a greater amount of pollutant discharge, or a discharge of different pollutants than specified in the last permit application for this facility? YES NO

For permit renewals, the current permit is an attachment, by reference, to this application.

Permit Modification

Existing Unpermitted Discharge

Proposed Discharge

Anticipated date of discharge: _____

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

Signature*

Date

Title

Printed Name

*Applications must be signed by an authorized or duly authorized representative as follows:

If the user is a corporation by a president, secretary, treasurer, or a 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

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.

If the user is a partnership or sole proprietorship: a general partner or proprietor, respectively.

If the user is 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 their designee.

SECTION B. PRODUCT INFORMATION

1. Briefly describe all manufacturing processes and products, and/or commercial activities, at this facility. Provide the applicable Standard Industrial Classification (SIC) Code(s) for each activity (see *Standard Industrial Classification Manual*, 1987 ed.).

Description:

2. List raw materials and products used at his facility:

Type	RAW MATERIALS	Quantity
Type	PRODUCTS	Quantity

SECTION C. PLANT OPERATIONAL CHARACTERISTICS

1. For each process listed in B.1. that generates wastewater, list the process, assign the waste stream a name and an ID # and describe whether it is a batch or continuous flow.

Process	Waste Stream Name	Waste Stream ID#	Batch (B) or Continuous (C) Process

2. On a separate sheet, produce a schematic drawing showing production processes, water flow through the facility, wastewater treatment devices and waste streams as named above. The drawing should indicate the source of intake water and show the operations contributing wastewater to the effluent. The treatment units should be labeled. Construct a water balance by showing average flows between intakes, operations, treatment units, and points of discharge to the POTW. *(See the example on page 16 of this application form.)*
3. What is the maximum daily discharge flow (SIUs only)? _____ gallons/day
- What is the maximum average monthly discharge flow (daily flows averaged over a month)? _____ gallons/day
4. Describe any planned wastewater treatment improvements or changes in wastewater disposal methods, and the schedule for these improvements. *(Use additional sheets, if necessary and label as attachment C4.)*

5. If production processes are subject to seasonal variations, provide the following information. List discharge for each waste stream in gallons per day (GPD). The combined value for each month should equal the estimated total monthly flow.

Waste Stream ID#	MONTHS											
	J	F	M	A	M	J	J	A	S	O	N	D
Estimated Total Monthly Flow (GPD)												

6. How many hours a day does this facility typically operate? _____
 How many days a week does this facility typically operate? _____
 How many weeks per year does this facility typically operate? _____

7. List all incidental materials, such as oil, paint, grease, solvents, and cleaners, that are used or stored on site (*list only those with quantities greater than 10 gallons for liquids and 50 pounds for solids*). For solvents and solvent-based cleaners, include a copy of the material safety data sheet and estimate the quantity used. (*Use additional sheets, if necessary, and label as attachment C.7.*)

Materials/Quantity Stored:

8. Some types of facilities are required to have spill or waste control plans. Does this facility have:
- a.. An Emergency Response Plan (per WAC 173-303-350)? YES NO
 - b. A runoff, spillage, or leak control plan (per WAC 173-216-110(f))? YES NO
 - c. Any spill or pollution prevention plan required by local, state or federal authorities? If yes, specify: _____ YES NO
 - d. A Solid Waste Management Plan? YES NO
 - e. An Accidental Discharge/Slug Discharge Control Plan (40 CFR 403.8(f)(2)(v)) and required by the City of Port Angeles? YES NO

NOTE: Do not complete this section until you have received specific instructions from Wastewater Division staff.

SECTION E. WASTEWATER INFORMATION

1. How are the water intake and effluent flows measured?

Intake: _____

Effluent: _____

2. Provide measurements or range of measurements for treated wastewater prior to discharge to the POTW for the parameters with an “X” in the left column. Use the analytical methods given in the table unless an alternate method is approved by Ecology. All analyses (except pH) must be conducted by a laboratory registered or accredited by the Department of Ecology (WAC 173-216-125). If this is an application for permit renewal, provide data for the last year for parameters that are routinely measured. For parameters measured only for this application, place the values under “Maximum.”

X	Parameter	Concentrations Measured			Analytical Method Std. Methods 22nd edition	Detection Limit
		Minimum	Maximum	Average		
	BOD (5 day)				5210	2 mg/l
	COD				5220 B, C, or D	5 mg/l
	Total Suspended Solids				2540D	1 mg/l
	Ammonia-N				4500-NH ₃ C	20 µg/l
	pH				4500-H	0.1 units
	Total Oil & Grease				5520 C	0.2 mg/l
	Total Petroleum Hydrocarbon				5520 D, F	
	Arsenic (total)				3114 B	2 µg/l
	Barium (total)				3500-Ba B	30 µg/l
	Cadmium (total)				3500-Cd B	5 µg/l
	Chromium (total)				3500-Cr B	50 µg/l
	Copper (total)				3500-Cu B	20 µg/l
	Lead (total)				3500-Pb B	100 µg/l
	Mercury				3500-Hg B	0.2 µg/l
	Molybdenum (total)				3500-Mo	1 µg/l
	Nickel (total)				3500-Ni	20 µg/l
	Selenium (total)				3500-Se C	2 µg/l
	Silver (total)				3500-Ag B	10 µg/l
	Zinc (total)				3500-Zn B	5 µg/l

3. Describe the collection method for the samples analyzed above (*i.e.*, grab, 24-hour composite, and flow proportional).

4. Has the effluent been analyzed for any other parameters than those identified in question E.2.? YES NO

If yes, attach results and label as attachment E.4. This data must clearly show the date, method and location of sampling. (*Note: The City and Ecology may require additional testing.*)

5. Does this facility use any of the following chemicals as raw materials or produce them as part of the manufacturing process, or are they present in the wastewater? (*The number following the chemical name is the Chemical Abstract Service (CAS) reference number to aid in identifying the compound.*) YES NO

If yes, specify how the chemical is used and the quantity used or produced:

VOLATILE COMPOUNDS

Acrolein (107-02-8)	1,1-Dichloroethylene (75-35-4)
Acrylonitrile (107-13-1)	1,2-Dichloropropane (78-87-5)
Benzene (71-43-2)	1,3-Dichloropropene (542-75-6)
Bis (<i>chloromethyl</i>) Ether (542-88-1)	Ethylbenzene (100-41-4)
Bromoform (75-25-2)	Methyl Bromide (74-83-9)
Carbon Tetrachloride (108-90-7)	Methyl Chloride (74-87-3)
Chlorobenzene (108-90-7)	Methylene Chloride (75-09-2)
Chlorodibromomethane (124-48-1)	1,1,2,2-Tetrachloroethane (79-34-5)
Chloroethane (75-00-3)	Tetrachloroethylene (127-18-4)
2-Chloroethylvinyl Ether (110-75-8)	Toluene (108-88-3)
Chloroform (67-66-3)	1,2-Trans-Dichloroethylene (156-60-5)
Dichlorobromomethane (75-27-4)	2. 1,1,1-Trichloroethane (71-55-6)
Dichlorodifluoromethane (75-71-8)	2. 1,1,2-Trichloroethane (79-00-5)
1,1-Dichloroethane (75-34-3)	2. Trichloroethylene (79-01-6)
1,2-Dichloroethane (107-06-2)	Trichlorofluoromethane (75-69-4)
Vinyl Chloride (75-01-4)	

ACID COMPOUNDS

2-Chlorophenol 95-57-8	4-Nitrophenol 100-02-7
2,4-Dichlorophenol 120-83-2	p-Chloro-M-cresol 59-50-7
2,4-Dimethylphenol 105-67-9	Pentachlorophenol 87-86-5
4,6-Dinitro-o-cresol 534-52-1	Phenol 108-95-2
2,4-Dinitrophenol 51-28-5	2,4,6-Trichlorophenol 88-06-2
2-Nitrophenol 88-75-5	

METALS

Antimony 7440-36-0	Mercury 7439-97-6
Arsenic 7440-38-2	Nickel 7440-02-0
Beryllium 7440-41-7	Selenium 7782-49-2
Cadmium 7440-43-9	Silver 7440-22-4
Chromium 7440-47-3	Thallium 7440-28-0
Copper 7440-50-8	Zinc 7440-66-6
Lead 7439-92-1	Cyanide 57-12-5

PESTICIDES

Aldrin 309-00-2	Endosulfan I 115-29-7
alpha-BHC 319-84-6	Endosulfan II 115-29-7
beta-BHC 319-85-7	Endosulfan Sulfate 1031-07-8
gamma-BHC 58-89-9	Endrin 72-20-8
delta-BHC 319-86-8	Endrin Aldehyde 7421-93-4
Chlordane 57-74-9	Heptachlor 76-44-8
4,4'-DDD 72-54-8	Heptachlor Epoxide 1024-57-3
4,4'-DDE 72-55-9	PCB (7 Aroclors)
4,4'-DDT 50-29-3	Toxaphene 8001-35-2
Dieldrin 60-57-1	

BASE/NEUTRAL COMPOUNDS

Acenaphthene 83-32-9	Hexachlorobutadiene 87-68-3
Acenaphthylene 208-96-8	Hexachlorocyclopentadiene 77-47-4
Anthracene 120-12-7	Hexachloroethane 67-72-1
Benzdine 92-87-5	Indeno(1,2,3-cd)pyrene 193-39-5
Benzo(a)anthracene 56-55-3	Isophorone 78-59-1
Benzo(a)pyrene 50-32-8	Naphthalene 91-20-3
3,4 Benzofluoranthene 205-99-2	Nitrobenzene 98-95-3
Benzo(ghi)Perylene 191-24-2	N-nitrosodimethylamine 62-75-9
Benzo(k)fluoranthene 207-08-9	N-nitrosodi-n-propylamine 621-64-7
Bis(2-chloroethoxy) Methane 111-91-1	N-nitrosodiphenylamine 86-30-6
Bis(2-chloroethyl) Ether 111-44-4	Phenanthrene 85-01-8
Bis(2-chloroisopropyl) Ether 102-60-1	Pyrene 129-00-0
Bis(2-ethylhexyl) Phthalate 117-81-7	1,2,4-Trichlorobenzene 120-82-1
4-Bromophenyl Phenyl Ether 101-55-3	
Butyl Benzyl Phthalate 85-68-7	
2-Chloronaphthalene 91-58-7	
4-Chlorophenyl Phenyl Ether 7005-72-3	
Chrysene 218-01-9	
Dibenzo(a,h)anthracene 53-70-3	
1,2-Dichlorobenzene 95-50-1	
1,3-Dichlorobenzene 541-73-1	
1,4-Dichlorobenzene 106-46-7	
3,3- Dichlorobenzidine 91-94-1	
Diethyl Phthalate 84-66-2	
Dimethyl Phthalate 131-11-3	
Di-n-butyl Phthalate 84-74-2	
2,4-Dinitrotoluene 121-14-2	
2,6-Dinitrotoluene 606-20-2	
Di-n-octyl Phthalate 117-84-0	
1,2-Diphenylhydrazine 122-66-7	
Fluoranthene 206-44-0	
Fluorene 86-73-7	
Hexachlorobenzene 118-74-1	

6. Are any other pesticides, herbicides or fungicides used at this facility? YES NO

If yes, specify the material and quantity used:

7. Are there other pollutants that you know of or believe to be present? YES NO

If yes, specify the pollutants and their concentration if known
(attach laboratory analyses if available):

8. Is the wastewater being discharged, or proposed for discharge, to the POTW designated as a dangerous waste according to the procedures in Chapter 173-303 WAC ?

YES NO DON'T KNOW

9. If the answer to question 8 above is yes, how did the waste designate as a dangerous waste (*check appropriate box*)?

For Listed and TCLP Characteristic Wastes only, also provide the Dangerous Waste Number(s).

Listed Waste Dangerous Waste Number(s) _____

Characteristic Wastes

Ignitable

Reactive

Corrosive

TCLP Dangerous Waste Number(s) _____

State Only Dangerous Wastes

Toxicity

Persistent

For questions about waste designation under the *Dangerous Waste Regulations*, Chapter 173-303 WAC, contact Ecology's Hazardous Waste and Toxics Program at:

Southwest Regional Office - Lacey

(360) 407-6300

SECTION F. SEWER INFORMATION

1. Is an inspection and sampling manhole or similar structure available on-site? YES NO

If yes, attach a map or hand drawing of the facility that shows the location of these structures
(this may be combined with map in H8, if H8 is applicable to your facility.)

SECTION G. OTHER PERMITS

1. List all environmental control permits or approvals needed for this facility; for example, air emission permits.

SECTION H. STORMWATER

1. Do you have coverage under the Washington State Industrial Stormwater NPDES General Permit? YES NO

If yes, please list the permit number here. _____

- If no, have you applied for a Washington State Stormwater Baseline General Permit? YES NO

If you answered no to both questions above, complete the following questions 2 through 5.

2. Does your facility discharge stormwater: *(Check all that apply)*

- To storm sewer system *(provide name of storm sewer system operator: _____)*
- Directly to any surface waters of Washington State *(e.g., river, lake, creek, estuary, ocean).*

Specify waterbody name(s) _____

- Indirectly to surface waters of Washington State *(i.e., flows over adjacent properties first).*
- To a Sanitary Sewer
- Directly to ground waters of Washington State via:
 - Dry well
 - Drainfield
 - Other

3. Areas with industrial activities at facility: *(check all that apply)*

- Manufacturing Building
- Material Handling
- Material Storage
- Hazardous Waste Treatment, Storage, or Disposal *(Refers to RCRA, Subtitle C Facilities Only)*
- Waste Treatment, Storage, or Disposal

- Application or Disposal of Wastewaters
- Storage and Maintenance of Material Handling Equipment
- Vehicle Maintenance
- Areas Where Significant Materials Remain
- Access Roads and Rail Lines for Shipping and Receiving
- Other (please specify): _____

4. Material handling/management practices

a. Types of materials handled and/or stored outdoors: *(check all that apply)*

- | | |
|--|---|
| <input type="checkbox"/> Solvents | <input type="checkbox"/> Hazardous Wastes |
| <input type="checkbox"/> Scrap Metal | <input type="checkbox"/> Acids or Alkalies |
| <input type="checkbox"/> Petroleum or Petrochemical Products | <input type="checkbox"/> Paints/Coatings |
| <input type="checkbox"/> Plating Products | <input type="checkbox"/> Woodtreating Products |
| <input type="checkbox"/> Pesticides | <input type="checkbox"/> Other <i>(please list)</i> : _____ |

b. Identify existing management practices employed to reduce pollutants in industrial stormwater discharges: *(check all that apply)*

- | | |
|--|---|
| <input type="checkbox"/> Oil/Water Separator | <input type="checkbox"/> Detention Facilities |
| <input type="checkbox"/> Containment | <input type="checkbox"/> Infiltration Basins |
| <input type="checkbox"/> Spill Prevention | <input type="checkbox"/> Operational BMPs |
| <input type="checkbox"/> Surface Leachate Collection | <input type="checkbox"/> Vegetation Management |
| <input type="checkbox"/> Overhead Coverage | <input type="checkbox"/> Other <i>(please list)</i> : _____ |

5. Attach a facility site map showing stormwater drainage/collection areas, disposal areas and discharge points. This may be a hand-drawn map if no other site map is available *(See example on page 16 of this application)*. Label this as attachment H.8.

SECTION J. CERTIFICATIONS

1. Approval by Publicly-Owned Treatment Works [required by WAC 173-216-070(4)(b)]

I approve of the discharge as described in this application. The applicant is:

(Please check the appropriate box below.)

- A Significant Industrial User (see Definitions at the end of this Section)
- A Categorical Industrial User
- A Minor Industrial User (MIU)
- None of the above

Name and location of sewer system to which this project will be tributary:

City of Port Angeles Wastewater Treatment Plant
1509 East Columbia Street
Port Angeles, WA 98362

Treatment Works Owner: City of Port Angeles

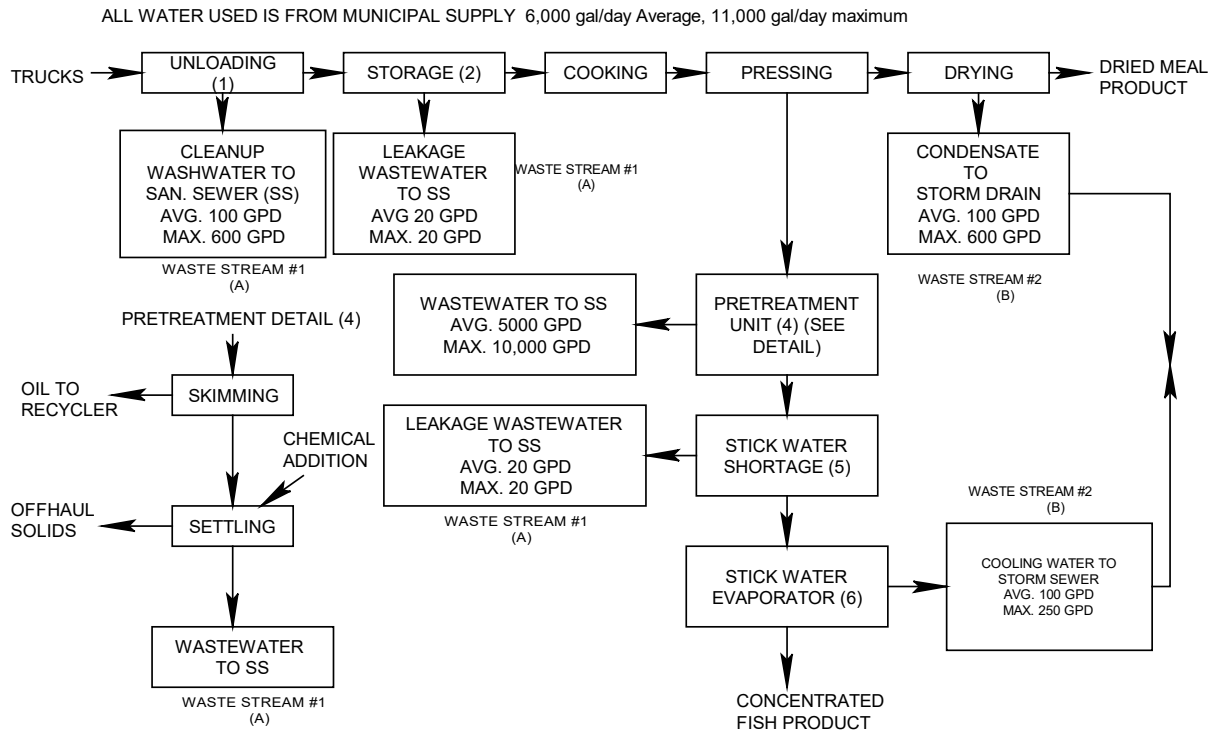
Street: 321 E. 5th Street

City/State: Port Angeles, WA Zip: 98362-3206

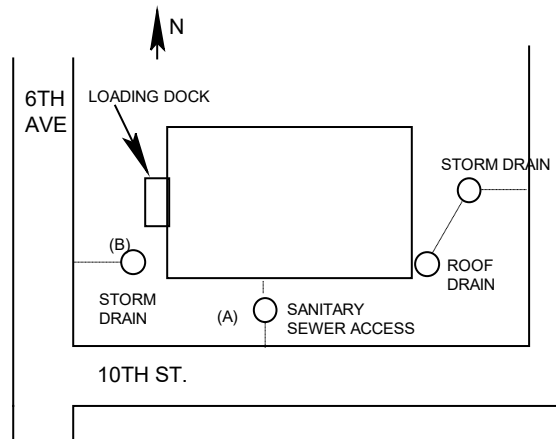
Signature of Treatment Works Authority Date Superintendent
Title

Printed Name

Example 1 for application section C.2. (SCHEMATIC DIAGRAM)



Example 2 for application section F1 or H8 (FACILITY SITE MAP)



DEFINITIONS

Significant Industrial User (SIU)--

- 1) All industrial users subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR Chapter I, Subchapter N; and
- 2) Any other industrial user that: discharges an average of 25,000 gallons per day or more of process wastewater to the POTW (excluding sanitary, noncontact cooling, and boiler blow-down wastewater); contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or is designated as such by the Control Authority on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)).

Upon finding that the industrial user meeting the criteria in paragraph 2, above, has no reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement, the Control Authority may at any time, on its own initiative or in response to a petition received from an industrial user or POTW, and in accordance with 40 CFR 403.8(f)(6), determine that such industrial user is not a significant industrial user.

Minor Industrial Use (MIU)--A non-categorical industrial or commercial user of the POTW identified by the sewer facility that:

- 1) Have some discharges of wastewater that could cause elevated detection levels or metals or toxics in the pretreatment quarterly analysis; or
- 2) Have a discharge of small quantities of dangerous waste to the POTW which have been excluded from regulation under Chapter 173-303 WAC through the domestic sewage exclusion; or
- 3) Have a potential to discharge or spill chemicals to the POTW.

Control Authority - The Washington State Department of Ecology in the case of non-delegated POTWs.

Categorical Industrial User (CIU): An industrial user subject to national categorical pretreatment standards promulgated by EPA (40 CFR 403.6 and 40 CFR parts 405-471).

Summary of Attachments That May be Required for This Application:

(Please check those attachments that are included)

- C.1. Production schematic flow diagram and water balance
- C.4. Wastewater treatment improvements
- C.7. Additional incidental materials
- E.5. Additional results of effluent testing
- F.1. Facility site map
- H.8. Stormwater drainage map