

7. Check One:

- Permit Renewal** (including renewal of temporary permits authorized by RCW 90.48.200)

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: _____

The City of Yakima is an equal opportunity agency and does not discriminate on the basis of race, creed, color, disability, age, religion, national origin, sex, marital status, disabled veteran's status, Vietnam Era veteran's status or sexual orientation.

If you have special accommodation needs or require this document in alternative format, please contact Arlene Carter at (509) 575-6077.

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.

Consent release

Undersigned hereby acknowledges by signature that the City of Yakima has permission and the right, upon the presentation of credentials and other documents as may be required by law, to:

- 1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;*
- 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;*
- 3. Inspect at reasonable times any facilities, equipment (including monitoring and equipment), practices, or operations regulated or required under this permit;*
- 4. Sample or monitor, for the purposes of assuring permit compliance, any substances or parameters at any location; and*
- 5. Inspect any production, manufacturing, fabricating or storage area where pollutants, regulated under the permit, could originate, be stored, or be discharged to the sewer system.*

In the event any discharger declines to allow access to the discharger's premises for inspection, monitoring, or sampling, the Wastewater Manager shall not enter such premises without first obtaining a duly issued judicial warrant.

Undersigned acknowledges their understanding that refusal of such permission shall be sufficient grounds for termination of the permit and the right to discharge to the City of Yakima's POTW.

Signature*	Date	Title
Printed Name		

*Applications must be signed as follows: Corporations, by a principal executive officer of at least the level of vice-president; partnership, by a general partner; sole proprietorship, by the proprietor. If these titles do not apply to your organization, the application is to be signed by the person who makes budget decisions for this facility.



Please complete the Designation of Authorized Representative section below if you wish to designate an authorized representative(s). The City of Yakima will not accept documents signed by persons other than the company’s authorized representative(s).

DESIGNATION OF AUTHORIZED REPRESENTATIVE

I, _____ certify that I am the _____ of

_____ and that _____

is authorized to make submittals to the City of Yakima Wastewater Division on behalf of

_____ and that said submittals are duly signed for and on

behalf of said corporation by authority of its governing body, and are within the scope of its corporate

powers.

Signature of Corporation Official

Date

Corporate Seal

DEFINITION OF AN AUTHORIZED REPRESENTATIVE

“Authorized Representative” definition (YMC 7.65.020):

- A. If the industrial discharger is a corporation, the 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 operation 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 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;
- B. If the industrial discharger is a partnership or sole proprietorship, a general partner or proprietor, respectively;
- C. If the industrial discharger 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 his/her designee;
- D. ***The individuals described in subsections (A) through (C) 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 City.***

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 or Continuous 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 the last page of this application form.*)

3. What is the maximum daily discharge flow: _____ 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 the 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?
 How many employees at this facility?
7. List all incidental materials like 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 pound quantities for solids*). For solvents and solvent-based cleaners include a copy of the material safety data sheet for each material 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. A Spill Prevention, Control, and Countermeasure Plan (40 CFR 112)? Yes No
- b. An Emergency Response Plan (per WAC 173-303-350)? Yes No
- c. A Runoff, spillage, or leak control plan (per WAC 173-216-110(f))? Yes No
- d. Any spill or pollution prevention plan required by local, State or Federal authorities?
 Yes No If yes specify: _____
- e. A Solid Waste Management Plan? Yes No
- f. Slug Discharge Control Plan (40 CFR 403.8(f)(2)(v))? Yes No

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 a check 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 Ecology (WAC 173-216-125). If this is an application for permit renewal provide data for the last year for those parameters that are routinely measured. For parameters measured only for this application place the values under maximum.

✓	Parameter	Concentrations Measured			Analytical Method Std. Methods 19th 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
	Total Dissolved Solids				2540 C	
	Conductivity				2510 B	
	Ammonia-N				4500-NH ₃ C	20 µg/l
	pH				4500-H	0.1 units
	Total Residual Chlorine				4500-Cl E	1 mg/l
	Fecal Coliform				9222 D	
	Total Coliform				9221 B or 9222 B	
	Dissolved Oxygen				4500-O C or 4500-O G	
	Nitrate + Nitrite-N				4500-NO ₃ E	0.5 mg/l
	Total Kjeldahl N				4500-N _{org}	20 µg/l
	Ortho-phosphate-P				4500-P E or 4500-P F	1 µg/l

✓	Parameter	Concentrations Measured			Analytical Method Std. Methods 19th edition	Detection Limit
		Minimum	Maximum	Average		
	Total-phosphate-P				4500-P B.4.	1 µg/l
	Total Oil & Grease				5520 C	0.2 mg/l
	Total Petroleum Hydrocarbon				5520 D, F	
	Calcium				3500-Ca B	3 µg/l
	Chloride				4500-Cl C	0.15 µg/l
	Fluoride				4500-F D	0.1 mg/l
	Magnesium				3500-Mg B	0.5 µg/l
	Potassium				3500-K B	5 µg/l
	Sodium				3500-Na B	2 µg/l
	Sulfate				4500-SO ₄ E	1 mg/l
	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 which were analyzed above (i.e., grab, 24 hour composite).
4. Has the effluent been analyzed for any other parameters than those identified in question E.1.? 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 of Yakima may require additional effluent testing based on information submitted in this application.)
5. Does this facility use any of the following chemicals as raw materials in production, 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 (chloromethyl) 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)	Toulene (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	Diethyl Phthalate 84-66-2
Acenaphthylene 208-96-8	Dimethyl Phthalate 131-11-3
Anthracene 120-12-7	Di-n-butyl Phthalate 84-74-2
Benzidine 92-87-5	2,4-Dinitrotoluene 121-14-2
Benzo(a)anthracene 56-55-3	2,6-Dinitrotoluene 606-20-2
Benzo(a)pyrene 50-32-8	Di-n-octyl Phthalate 117-84-0
3,4-Benzofluoranthene 205-99-2	1,2-Diphenylhydrazine 122-66-7
Benzo(ghi)Perylene 191-24-2	Fluoranthene 206-44-0
Benzo(k)fluoranthene 207-08-9	Fluorene 86-73-7
Bis(2-chloroethoxy) Methane 111-91-1	Hexachlorobenzene 118-74-1
Bis(2-chloroethyl) Ether 111-44-4	Hexachlorobutadiene 87-68-3
Bis(2-chloroisopropyl) Ether 102-60-1	Hexachlorocyclopentadiene 77-47-4
Bis(2-ethylhexyl) Phthalate 117-81-7	Hexachloroethane 67-72-1
4-Bromophenyl Phenyl Ether 101-55-3	Indeno(1,2,3-cd)pyrene 193-39-5
Butyl Benzyl Phthalate 85-68-7	Isophorone 78-59-1
2-Chloronaphthalene 91-58-7	Naphthalene 91-20-3
4-Chlorophenyl Phenyl Ether 7005-72-3	Nitrobenzene 98-95-3
Chrysene 218-01-9	N-nitrosodimethylamine 62-75-9
Dibenzo(a,h)anthracene 53-70-3	N-nitrosodi-n-propylamine 621-64-7
1,2-Dichlorobenzene 95-50-1	N-nitrosodiphenylamine 86-30-6
1,3-Dichlorobenzene 541-73-1	Phenanthrene 85-01-8
1,4-Dichlorobenzene 106-46-7	Pyrene 129-00-0
3,3' Dichlorobenzidine 91-94-1	1,2,4-Trichlorobenzene 120-82-1

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. Does the wastewater being discharged, or proposed for discharge to the POTW designate 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? 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:

Northwest Regional Office - Bellevue	(425)649-7000
Southwest Regional Office - Lacey	(360)407-6300
Central Regional Office - Yakima	(509)575-2490
Eastern Regional Office - Spokane	(509)456-2926

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 which 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 a Washington State Stormwater Baseline General Permit? If yes, Yes No please list the permit number here. _____
2. Have you applied for a Washington State Stormwater Baseline General Permit? Yes No
3. Do you have any stormwater quality or quantity data? Yes No

Note: If you answered "no" to questions 1 or 2 above, complete questions 4 through 8.

4. Describe the size of the stormwater collection area.
- a. Unpaved Area _____ sq.ft.
- b. Paved Area _____ sq.ft.
- c. Other Collection Areas (Roofs) _____ sq.ft.
5. Does your facility's stormwater discharge to: *(Check all that apply)*
- Storm sewer system; name of storm sewer system *(operator)*: _____
- Directly to surface waters of Washington State *(e.g., river, lake, creek, estuary, ocean)*.
Specify waterbody name _____
- Indirectly to surface waters of Washington State *(i.e., flows over adjacent properties first)*.
- Directly to ground waters of Washington State:
- dry well
- drainfield
- other
- Sanitary Sewer
6. 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 _____

7. 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 storm water 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> : |

8. 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 the last page of this application)*. Label this as attachment H.8.

SECTION I. OTHER INFORMATION

1. Describe liquid wastes or sludges being generated that are not disposed of in the waste stream(s) and how they are being disposed. For each type of waste, provide type of waste, name, address, and phone number of hauler.

2. Describe storage areas for raw materials, products, and wastes.

3. Have you designated the wastes described above according to the applicable procedures of Dangerous Waste Regulations, Chapter 173-303 WAC? Yes No

SECTION J. CERTIFICATIONS

1. Application review by Intermediate Sewer Owner at point of discharge (if applicable)

I hereby acknowledge that I have reviewed the application for discharge to this sewer system.

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

Sewer System Owner: _____

Street: _____

City/State: _____ Zip: _____

Signature

Date

Title

Printed Name

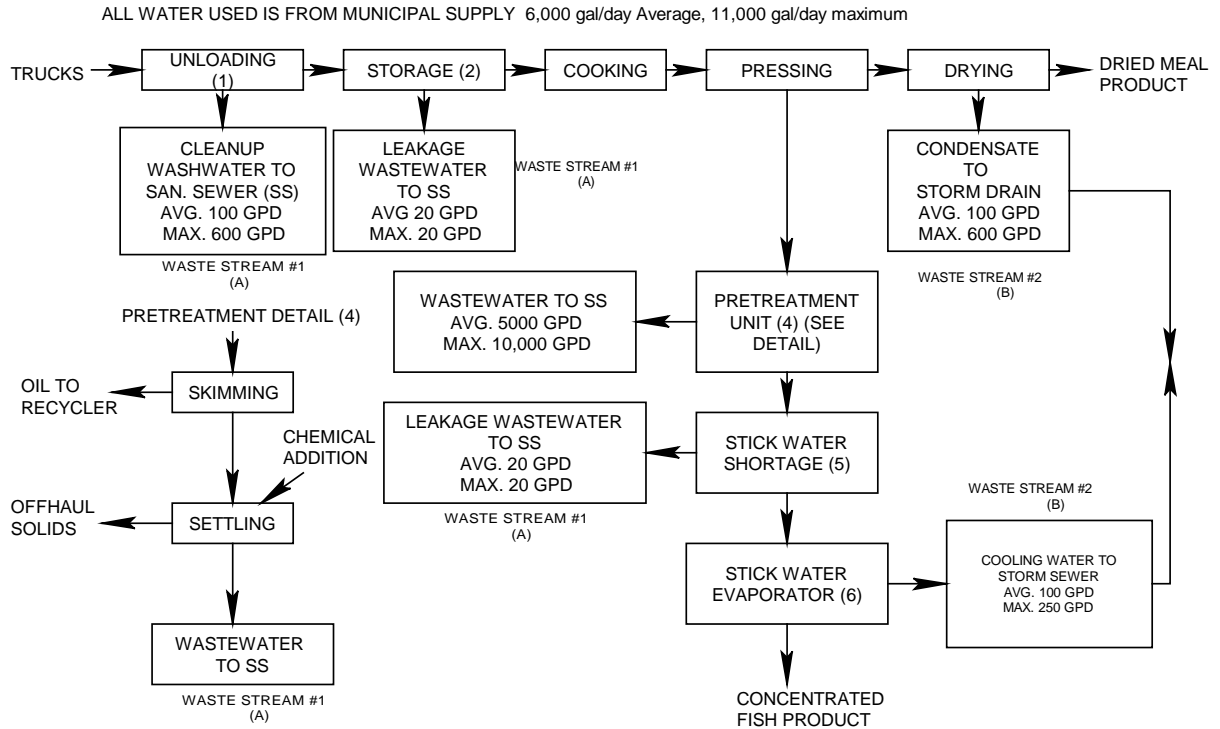
Application must be complete to begin the review process

Summary of Attachments That May be Required for This Application:

(Please check those attachments which 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

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



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

