Permit Application Form

Municipality of Anchorage
Anchorage Water and Wastewater Utility
Point Woronzof Industrial Pretreatment Program
3000 Arctic Boulevard
Anchorage, Alaska 99503-3898

Phone: 751-2253 FAX: 564- 2764

Notice Of Intent (NOI)

Data Disclosure Form (DDF)

Contents Page

Note: If you do not discharge or plan to discharge any wastewaters besides domestic waste into the municipality's sewerage system, complete only Section I and return it to:

Anchorage Water and Wastewater Utility
Point Woronzof Industrial Pretreatment Program
3000 Arctic Boulevard
Anchorage, AK 99503-3898

Telephone: (907) 751-2253 FAX: (907) 786-5681

Please read the general instructions on page 3 and contact the AWWU Industrial Pretreatment Program at (907) 751-2253 if you have any questions.

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) (Process wastewater also includes such items as spent solvents and chemicals dumped down floor drains, and sinks).

Please take time to fill out the form thoroughly and adequately.

Section I General Information: All questions should be answered.

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. (See categorical user discussion.)

Section IV Wastewater Characteristic/sampling data: to be completed by existing non-categorical users.

Section V Baseline Monitoring Report: to be completed by existing categorical users.

Section VI Final Compliance Report:

- Existing categorical facilities are required to submit this section within 90 days of the final compliance report contained in the federal categorical standard. New categorical facilities must submit this section within 30 days of commencement of discharge.

- Existing non-categorical facilities are required to submit this section within 90 days of the final compliance date specified by the Utility. New non-categorical facilities are required to submit this section within 30 days of commencement of discharge.

Attachment A Listing of toxic pollutants (priority pollutants).

Attachment B Listing of electroplating/metal finishing operations.

Attachment C Questionnaire on raw materials utilized.

Attachment D Process schematic flow form.

Attachment E Building Layout form.

Sections II, III, IV, V, and VI contain specific instructions and examples to help you answer the questions. The instructions for each section precede each section.

New Customers Proposing to Discharge Wastewater:

Please supply as much information as possible providing best estimates where appropriate. Section VI requires submittal of wastewater data as part of the final compliance report. Remove this section and provide the AWWU with an estimated operational. Section I requires that a date for commencement of discharge be provided. AWWU is expecting that you sample your discharge effluent upon commencement of discharge. Submit Section VI with the sampling data within 30 days of commencement of discharge.

Final Compliance Report (Section VI):

For existing facilities for which EPA's final compliance date for a particular categorical standard has not been reached, or the final date supplied by the AWWU has not been reached, and for new facilities (as discussed above), simply remove that section for future use. AWWU will provide the date for submittal of the final compliance report.

Categorical Users:

EPA has published specific federal standards term "categorical pretreatment standards". There are a total of forty-two different sets of regulations. Industrial facilities covered by these standards are commonly termed "categorical users". Facilities not covered are termed in this document as "non-categorical users". Page 7 (Question 10) lists the categorical industries under part a.

Compliance with Pretreatment Standards:

Industrial and commercial facilities that have or will have a process wastewater discharge are required to comply with federal standards and local standards (generally prohibitive and specific limits such as heavy metals and cyanide), whichever apply or are more stringent. Sections IV, V, VI require that you make a statement regarding compliance with the "applicable pretreatment standard". In most cases, AWWU may not know which standards apply until it reviews the general information that you provide. If this be the case, you may wish to submit Sections I thru III and request that AWWU provide additional information so that you can complete the remaining sections.

Note to Signing Official

Information must be typewritten or clearly printed. Attach additional sheets keyed to section and item number if needed to provide complete information.

Signing official must have authorization to provide such information on behalf of the company, corporation or partnership.

Please complete a form for each facility that discharges to the Municipal sewerage system.

Additional copies can be obtained by contacting the Industrial Pretreatment Program.

Thank you for you cooperation.

Instructions

Section I - General Information

1. Enter the name or title of your business.

2. Enter facility address where discharge occurs.

4. Give the name of the person who is thoroughly familiar with the facts reported on this form and who can be contacted by the AWWU staff.

8. Include all numbers that apply to business. Leave blank if not known.

9. Enter the average number of office and production employees at the premises daily. If more than one shift exists, provide employee count per shift.

10. A facility who checks off activities listed under A are covered by the Environmental Protection Agency's (EPA) categorical pretreatment standards and the Utility's local pretreatment standards. These facilities are termed "categorical users". Businesses that check off activities listed under B are termed "non-categorical users" and are covered by the Utility's local pretreatment standards. If you have any questions regarding how to categorize your business activity, contact the Utility for technical guidance.

15. Provide a listing of all primary raw materials and chemicals used (or planned) in the facility's operations. Avoid the use of trade names of chemicals. If trade names are used, provide information regarding the active ingredients.

18. An on-site disposal system could be a septic system, lagoon, holding ponds (evaporative-type).

21. Type of permits could be: air, hazardous waste, NPDES for discharges to surface waters.

29. Process wastewater could be discharged via a direct connection to the AWWU collection system, thru floor drains. If you answer yes, subsequent sections must be appropriately completed. Refer to the general instructions at the beginning and specific instructions for each of the following sections.

The Qualified Certification pertains to the actual preparer of the report if different from the authorized representative.

The Authorized Representative may be either a corporate official, a partner, a fiduciary, or other duly authorized representative if this person is responsible for the overall operation of the facility from which the discharge originates.

LEAVE BLANK - For AWWU USE ONLY
AWWU I.D.: _____
DATE RECEIVED: _____

This form must be completed by all Users identified in subsection 26.50.028 of the Anchorage Municipal Code, before commencing discharge into the Municipality of Anchorage sewerage system. Attach additional pages if necessary to provide complete response.

ANCHORAGE WATER AND WASTEWATER UTILITY

Industrial Pretreatment Data Disclosure Form

SECTION I: GENERAL INFORMATION

Complete all applicable sections. Information must be typewritten or clearly printed. Attach requested information as needed. Signing official must have authorization to provide such information on behalf of the company, corporation, or partnership.

1. Company Name: _____
   Division: (If applicable) _____
   Phone: _____ FAX: _____

2. Facility Address: Street Address _____
   City, State, Zip Code: _____

3. Mailing Address: _____
   City, State, Zip Code: _____

4. Contact: Name: _____ Title: _____
   Location: _____
   Phone: _____ FAX: _____ Mobile: _____

5. Alternate Contact: _____ Title: _____
   Location: _____
   Phone: _____ FAX: _____ Mobile: _____

6. Is building presently connected to the public sewer? Yes ( ) No ( )
   If yes, water/sewer account number: _____

   If no, have you applied for a sewer hook-up? Yes ( ) No ( )

7. Is your building or parking area connected to the Municipality's storm drain system?
   Yes ( ) No ( )

8. Standard Industrial Classification Number(s) (four digit SIC Code) _____
   _____, _____, _____

9. Number of employees: _____
   Normal operating schedule: _____ Hours/Day: _____ Days/Week: _____

10. 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).

A. Industrial Categories

( ) Aluminum forming
( ) Battery manufacturing
( ) Can making
( ) Coal mining
( ) Coil Coating
( ) Copper forming
( ) Electric & electronic components mfg.
( ) Electroplating (if checked, please complete Attachment B)
( ) Foundries (metal molding and casting)
( ) Inorganic chemicals
( ) Iron and steel
( ) Leather tanning & finishing
( ) Metal finishing (if checked, please complete Attachment B)
( ) Nonferrous metal mfg.
( ) Nonferrous metals forming
( ) Organic chemicals mfg.
( ) Pesticides mfg.
( ) Petroleum refining
( ) Pharmaceuticals
( ) Plastic & synthetic materials mfg.
( ) Plastics processing mfg.
( ) Porcelain enamel
( ) Pulp, paper, and fiberboard mfg.
( ) Rubber
( ) Steam Electric
( ) Textile mills
( ) Timber products--(such as wood preserving.) List operation:

Other Business Activity

( ) Adhesives
( ) Auto & other laundries
( ) Auto repair
( ) Beverage bottler
( ) Dairy products (such as cheese mfg., milk) specify:
( ) Explosives manufacturing
( ) Food/edible products processor (e.g., fresh pack, potato processor), specify: _____
( ) Food establishment
( ) Gum and wood chemicals
( ) Hospital

( ) Lawn and fertilizing applicators
( ) Military installation
( ) Paint & ink
( ) Pesticide applicator
( ) Photo-film processing
( ) Printing & publishing
( ) Railroad yard
( ) Slaughter/meat packing/rendering
( ) Soaps & detergents mfg.
( ) Waste recycler
( ) Other, specify: _____

11. Do you or will you discharge oils, grease, or fats to the public sewer? Yes ( ) No ( )

12. Is there or will there be an oil and grease trap in your sewer connection?
Yes ( ) No ( )

13. What is your normal frequency of cleaning the oil and grease traps?
_____

Where do you dispose of trapped oil and grease? _____

14. Toxic pollutant: Regardless of whether you discharge wastewater, please complete Attachment A - List of Priority Pollutants. Examine your Raw Material/Chemical List, and your Material Safety Data Sheets (MSDS) to assist in completing the attachment.

15. Raw Materials List: Please provide a listing using the form contained in Attachment "C".

16. Are any liquid wastes or sludges from this firm disposed of by means other than discharge to the sewer system? Yes ( ) No ( ) If you answer no, skip items 17 to 20.

17. These wastes may be described as:

	Estimated Gallons or lbs. per year
( ) Acids and alkalis	_____
( ) Heavy metal sludges	_____
( ) Inks/dyes	_____
( ) Oil and/or grease	_____
( ) Organic compounds	_____
( ) Paints	_____
( ) Pesticides	_____
( ) Plating wastes	_____
( ) Pretreatment sludges	_____
( ) Solvents/thinners	_____

( ) Other hazardous wastes (specify)
_____

( ) Other wastes (specify)
_____

18. For the above checked wastes, does your company practice:
( ) on-site storage ( ) off-site storage
( ) on-site disposal ( ) off-site disposal

19. Briefly describe the method(s) of storage or disposal checked above:

20. For off-site storage and disposal provide name of hauler and facility receiving wastes:

21. Have you been issued a local, state, or federal environmental permit?
Yes ( ) No ( )
If yes, please list permit(s): _____
_____

22. Do you or will you have chemical storage containers, bins, or ponds at your facility?
Yes ( ) No ( )
If yes, please attach description of their location, contents, size, type, and frequency and method of cleaning. Indicate if buried metal containers have cathodic protection.

23. Do you or will you have floor drains in your manufacturing (MFR) or chemical storage area? Yes ( ) No ( )

24. If you have chemical storage containers, bins, or ponds, or floor drains in MFR area, could an accidental spill lead to a discharge to:

		Yes	No
*	An on-site disposal system	( )	( )
*	Public sewer system (e.g., through floor drain)	( )	( )
*	Storm drain	( )	( )
*	Ground	( )	( )
*	Other specify: _____	( )	( )
*	Not applicable, no possible discharge to any other above routes	( )	( )

25. Do you have an Accidental Spill Prevention Program (ASPP) to prevent spills of chemicals or slug discharges from entering the Utility's sewer system?
Yes ( ) No ( ) N/A ( ) No floor drains and/or discharge only domestic waste (submit ASPP if applicable)

26. Do you or will you discharge wastewater (other than domestic waste from bathrooms, toilets, etc.) to an onsite disposal system? Yes ( ) No ( )
If yes, please attach a description of the discharge and on-site disposal system, if any. Also indicate if the contents are removed, by whom, and the ultimate disposal site.

27. Are any process changes or expansions planned during the next three years?
Yes ( ) No ( )
If yes, attach a separate sheet to this form describing the nature of planned changes or expansions.

28. Please describe on a separate sheet previous spill events and remedial measures taken to prevent their reoccurrence.

29. Do you or will you discharge wastewater (other than domestic waste from bathrooms, toilets, etc.) to the Utility's sewer system? Yes ( ) No ( )
If you answered yes to question 29, please answer (all appropriate) questions on the following pages. The Utility will be providing additional forms to gather detailed information regarding your manufacturing process(es), flows, wastewater characteristics and wastewater treatment system. If you answered no, no further information is required: simply sign on the appropriate spaces on the following page.
Thank you for your cooperation.

30. New businesses (not operating yet or proposing to discharge): If you plan on discharging wastewater, the Utility will be providing you with additional forms to complete and additional guidance.

A. Are you:
1. A new business planning to occupy an existing vacant building? Yes ( ) No ( )
2. A new business to construct a new building? Yes ( ) No ( )
3. Have you applied for a building permit? Yes ( ) No ( )
4. Will you be connected to the public sewer? Yes ( ) No ( )

B. If you plan on discharging process wastewater, will a pretreatment system be constructed to treat the proposed discharge? Yes ( ) No ( )
If yes, describe the treatment system. (Provide to city copy of plans and specifications.)

C. Provide below a compliance schedule for the applicable items (best estimate).
1. Construction and completion of physical structure (building) and manufacturing lines.
2. Construction schedule for pretreatment system, sampling manhole, and monitoring instrumentation (flow meters, pH meters, etc.).
3. Proposed date for operation of manufacturing operation.
4. Proposed date for commencement of discharge.
5. Proposed date for development of an ASPP.
6. Proposed schedule:
   a. Construction of facility and manufacturing lines (commencement and completion date). _____
   b. Construction of PRETREATMENT facility and sampling manhole and monitoring instrumentation (commencement and completion date). _____
   c. Operational date. _____
   d. Date for commencement of discharge. _____
   e. Date of submittal of ASPP. _____

Confidentiality

Please indicate those sections of this questionnaire that you wish to remain confidential and your basis for requiring confidentiality.

Qualified Professional Certification

I hereby certify that this information was obtained in accordance with the applicable procedures and requirements as specified in the Federal Pretreatment Regulations and amendments thereto, and the Municipality's Sewer Use Ordinance.

_____

Name (print)

_____

Signature Title Date Phone

Authorized Representative Statement

"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 fine and imprisonment for knowing violations."

_____

Name (print)

_____

Signature Title Date Phone

Note:

1. The Qualified Certification pertains to the actual prepare of the report if different from the authorized representative.

2. The Authorized Representative may be either a corporate official, a partner, a fiduciary, or other duly authorized representative if this person is responsible for the overall operation of the facility from which the discharge originates.

Instructions

Section II - Water/Wastewater Data

PROVIDE CALCULATIONS TO SUPPORT ALL FIGURES IN TABLE 1.

1. Water Use and Distribution - Provide the daily average flows of water received and wastewater discharged in gallons per day for the last 12 months by dividing the total flows by the number of days that a discharge of water occurred (or operating day). For the water that is received from other than AWWU sources or discharged to other than Municipal sanitary sewers, enter the location in the column headed "Source" or "Discharge To". Other source locations can include wells and rivers. Other discharge locations can include dry wells and receiving streams. Hourly and daily water supply meter readings may be used, provided the filling and discharge of storage tanks, process vats, etc., are taken into consideration.

    * For estimating sanitary flow use 15 gallons for each employee.

    * Categorical users: Complete item 6 for providing flows for each of the regulated processes (process lines).

2. A batch discharge is one which results from the draining of storage tanks or process tanks: intermittent boiler blowdown, etc.

Section II - Water/Wastewater Data

1. Water use and distribution - Estimate the average quantity of water received and wastewater discharged daily (for new businesses estimate flows).

	SUPPLY FROM		DISCHARGED TO	
	AWWU gal/day	Other Source	AWWU sewer gal/day	Other
Water Used for:				
Sanitary	_____	_____	_____	_____
Processes (see #6 for categorical users)	_____	_____	_____	_____
Boiler/Cooling Tower	_____	_____	_____	_____
Cooling Water Contact	_____	_____	_____	_____
Cooling Water Non-contact	_____	_____	_____	_____
Washing(equipment washdown)	_____	_____	_____	_____
Irrigation	_____	_____	_____	_____
Air Pollution Control	_____	_____	_____	_____
Contained in Product	_____	_____	_____	_____
Surface Water	_____	_____	_____	_____
Waste Hauler	_____	_____	_____	_____
Other (Describe)	_____	_____	_____	_____
TOTAL:	_____	_____	_____	_____

Water/Sewer Account Number _____

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 _____ at _____
   (days of week) (hours of day)
   (e) Average quantity per batch _____ gallons
   (f) Flow rate _____ gallons/minute

Note: At the discretion of the Utility, it may require that an Engineer be obtained to perform a treatability study to be submitted with the application.

4. List existing or proposed plant sewer outlets, size and flow (assign sequential reference number to each sewer starting with No. 1):

Reference No.	Sewer Size (inches)	Descriptive location of sewer connection or discharge point	Daily Avg. flow (GPD)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

5. General characteristics of wastewater or proposed wastewater discharge:
(provide specific values for a, b, d, e, f, if known)
(a) Temperature: _____ Don't know [ ]
(b) pH Level: _____ Don't know _____
(c) Flammable or explosive materials: Yes [ ] No [ ] Don't know [ ]
(d) Fats, oils and grease (mg/l): _____ Don't know [ ]
(e) BOD (mg/l): _____ Don't know [ ]
(f) TSS (mg/l): _____ Don't know [ ]
(g) Solid or viscous material Yes [ ] No [ ] Don't know [ ]
(h) Toxics: Yes [ ] No [ ] Don't know [ ]
(i) Solvents: Yes [ ] No [ ] Don't know [ ]

6. For categorical facilities, provide the following flows for each of your regulated processes or proposed regulated process (i.e., manufacturing process line covered by categorical pretreatment standards).
(a) Total Plant Flow in Gallons Per Day (gpd) discharged to the sewer system:
Average _____ Maximum _____
(b) Individual Process Flows in Gallons Per Day (gpd)

No.	Regulated Process	Average Flowrate (gpd)	Maximum Flowrate (gpd)	Type of Discharge (batch, continuous, none)
___	_____	_____	_____	_____
___	_____	_____	_____	_____
___	_____	_____	_____	_____
___	_____	_____	_____	_____

7. 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 Attachment D). If no, is one planned? Yes [ ] No [ ]

Location description:

8. Do you plan to have automatic sampling equipment or continuous wastewater flow metering equipment currently in use or included in future plans?

Current: Flow metering Yes [ ] No [ ] N/A [ ] Sampling Equipment Yes [ ] No [ ] N/A [ ]
Planned: Flow metering Yes [ ] No [ ] N/A [ ] Sampling Equipment Yes [ ] No [ ] N/A [ ]

If so, please indicate the present or future location of this equipment on the sewer schematic and describe the equipment below:

9. Does your facility pretreat or plan on pretreating any wastewater prior to discharge to a sanitary sewer? Yes [ ] No [ ] N/A [ ]

Instructions

Section III - Business/Facility description

1. Business Activity - Describe the principal activity on the premise. For the purpose of completing this Part, an activity is a major class of manufacturing. Enter the Standard Industrial Classification (SIC) Code Number, as found in the 1972 Edition of Standard Industrial Classification Manual prepared by the Executive Office of the President, Office of Management and Budget, which is available from the Government Printing Office at Washington, D.C., or at San Francisco, California. DO NOT USE PREVIOUS EDITIONS OF THE MANUAL. Copies are also available for examination at most public libraries. If you do not know, leave SIC No. blank.

   (a) & (b) If not already provided in Attachment C, list all primary raw materials and chemicals used in the facility's operations. Avoid use of trade names of chemicals. If trade names are used, provide information regarding the active ingredients.

   (c) Product - List the types of products, giving the common or brand name and the proper or scientific name. Enter from your records the average and maximum amounts produced daily for the activity for the previous calendar year, and the estimated daily production for this calendar year. Attach additional pages if necessary.

   (d) Description - Describe the wastewater generating process occurring on the premises, including any seasonal variation in wastewater discharge volumes, plant operations, raw materials, and chemicals used in process and/or production.

   (e) Substances Discharged - Give common (brand names) and technical names (chemical, scientific or proper names) of each raw material and product that may be discharged to the sewer. Briefly describe the physical (e.g. color), and chemical (e.g. reacts with water) properties of each substance.

2. Discharge Period:

   (a) Enter the hours of the day for each day, during which waste from this Business Activity will be discharged to the sewer: e.g. from 6 a.m. to 5 p.m.

   (b) Enter the time and duration of discharge other than continuous flows (15 minutes every hour).

3. Variation in Operation:

   Indicate whether the business activity is continuous throughout the year or if it is seasonal. If the activity is seasonal, circle the months of the year during which discharge occurs. Make any comments you feel are required to describe the variation in operation of your business activity.

4. Go to Attachment D for form, instructions and examples.

5. Go to Attachment E for form, instructions and examples.

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 sheet for each major or proposed business activity or product line on premises.)

   Activity: _____ SIC Nos.: _____

   (a) Raw materials used or planned for use:

   (b) Chemicals used or planned for use:

   (c) Product (new businesses: provide best estimates):

	PAST CALENDAR YEAR		ESTIMATE THIS CALENDAR YEAR	
Type of Product (Brand Names)	Amounts Per Day (Daily Units) Average	Maximum	Amounts Per Day (Daily Units) Average	Maximum

   (d) Description - Describe each wastewater generating or proposed operations or manufacturing process. Indicate variations in production and operations during the year. (Use additional sheets as necessary.)

   (e) Substances Discharged - Give common and technical names of each major raw material and product that may be discharged to the sewer. Briefly describe the physical and chemical properties of each substance and product. (Use additional sheets if necessary.)

   NAME DESCRIPTION

2. Discharge Period

(a) Hours of Day Operated or planned:

M _____ T _____ W _____ Th _____ F _____ Sat _____ Sun _____

(b) Time Duration of Discharge or planned:

M _____ T _____ W _____ Th _____ F _____ Sat _____ Sun _____

3. Variation of operation

Is the business or proposed activity:

Continuous through the year [ ]

Seasonal [ ] - Circle the months of the year during which discharge occurs:

J F M A M J J A S O N D

4. Process Flow schematic: draw appropriate diagram(s) using the form in Attachment D.

5. Building layout: Draw layout of building using Attachment E.

Instructions for Completing Sections IV through VI

The remaining four sections will facilitate the collection of the necessary quantitative wastewater information to assist the Utility in establishing applicable pretreatment limits and requirements. EXISTING NON-CATEGORICAL FACILITIES are required to complete Section IV and VI, while EXISTING CATEGORICAL FACILITIES covered by federal categorical pretreatment standards ("categorical users") are required to complete Sections V and VI.

Section IV - Wastewater Characterization

Section IV is to be completed by existing non-categorical type facilities.

Section V - Baseline Monitoring Report

Section V is to be completed by existing categorical industries.

Section VI - Final Compliance Report

Section VI provides for the results of the analysis that show that the affected facility is under compliance. IF AN EXISTING FACILITY PROVIDES SAMPLING DATA AND CERTIFIES IN EITHER SECTION IV OR V TO BE PRESENTLY IN COMPLIANCE WITH THE UTILITY'S LOCAL LIMITS AND/EPA'S CATEGORICAL PRETREATMENT STANDARDS, SECTION VI MAY NOT NEED TO BE COMPLETED.

Note:

New Facilities (categorical and non-categorical: new businesses moving into existing facilities and new business proposing to construct a new building)

Because no discharge of process wastewaters has occurred, Sections IV and V cannot be completed.

Retain Section VI and complete it when the facility begins operation and commences discharging. A new facility should be in compliance with applicable pretreatment standards upon commencement of discharge and is required to sample and submit the final compliance report within 30 days of commencement of discharge.

Contact the Utility if there are any questions on what limits apply to the discharge, what pollutants to sample, sampling requirements, and where to take samples.

Instructions

Section IV - Wastewater Characterization

To be completed by existing non-categorical users (existing and new facilities that have not begun to operate and/or discharge). Attach additional sheets if needed. Contact the Utility before sampling if not sure of pretreatment standards, sampling protocols.

1(a) Pollutants - List across the top specific pollutants (use abbreviations) regulated in the municipal code. Example: Copper - Cu.

- Daily Maximum and Monthly Average - Refer to the municipal code for pretreatment standards for the specific pollutant. Most cities have daily maximum pretreatment standards (limits), and not monthly averages.

  Example: Daily maximum (Copper - Cu = 2 mg/l)
  Monthly average (Zinc - Zn = 4 mg/l)

  You would enter 2 under Cu & 4 under Zn.

  Reported Maximum: Report the highest maximum concentration for the samples collected and analyzed.

  Reported average: If more than one sample was taken, average all individual results and report the average in the spaces provided for each of the appropriate pollutant listed.

  Indicate type of samples (i.e., grab, flow proportioned composite, etc.), analytical methods, and number of samples taken. Indicate whether samples were taken of combined wastestreams. The industrial user must ascertain whether it can meet the pollutant standards. The type of discharge, i.e., batch, continuous, routine historical information (e.g. existing data pollutant discharge) etc., is a factor that should guide the industrial user regarding the number of samples to be taken to ascertain compliance. Where feasible, samples should be flow-proportional composites. Additionally, the time, date of sampling, and methods of analysis must be reported. Analytical methods must be performed in accordance with 40 CFR Part 136 and any amendments thereto. It is important that the samples be representative and taken during full production.

  Each daily composite shall be analyzed separately.

1(b) Compare the sample results against local pretreatment standards provided by the Utility (contained in municipal code).

- Describe any additional O&M or pretreatment and provide compliance schedule. Specify the major events needed to achieve compliance, as well as the dates for completion of each event (i.e., hiring an engineer, completing preliminary plans, completing final plans, executing contracts, commencing construction, completing construction, etc.). The shortest possible schedule should be provided.

Section IV - Wastewater Characterization

Note: Samples should be taken of the final effluent prior to discharge to the Utility's sewerage collection system. If there are more than 1 discharge of process wastewater to the Utility's sewer lines, Xerox off this page and supply the analytical results for multiple discharges.

1. Existing Non-categorical Facility (report results in concentrations (mg/l) or mass (lbs))

(a) Each non-categorical facility will sample, have analyzed, and report on all pollutants as specified by the city. Where mass limits apply, the facility must report results on a mass limit basis (concentration x regulated process flow). Attach all calculations.

Samples collected must be representative and taken during peak production. Three samples must be collected each day for three consecutive days, and analyzed separately.

ANALYTICAL RESULTS OF PROCESS WASTEWATER DISCHARGES

Pollutant						
Monthly Avg. Limit						
Reported Average						
Daily Max. Limit						
Reported Maximum						

1. Specify units used (mg/l or lb): _____
2. Sample type (grab, composite): _____
3. Number of samples collected (explain): _____
4. Dates and times samples collected: _____
5. Sample collection location: _____
6. Where samples analyzed : _____
7. Methods of analysis: _____
8. Provide name and address of commercial labs who are performing analysis:

   Name: _____ Address: _____

   Name: _____ Address: _____

(b) Compliance certification:

Are all applicable pretreatment standards being met on a consistent basis:

Yes [ ] No [ ]

If not, what additional operations and maintenance procedures are being considered for compliance? Also, list additional pretreatment being considered to meet standards.

(c) Provide a compliance schedule for standards to be met. Specify the major events along with corresponding dates. Note that this schedule will require comment by the Utility and will be subject to changes.

2. Qualified Professional Certification:

I hereby certify that this information was obtained in accordance with the applicable procedures and requirements as specified in the General Pretreatment Regulations and amendments thereto and the Municipality of Anchorage sewer use ordinance.

_____

Name (print)

_____

Signature Title Date Phone

Authorized Representative Statement:

"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 fine and imprisonment for knowing violations."

_____

Name (print)

_____

Signature Title Date Phone

Instructions

Section V - Baseline Monitoring Report

To be completed by existing categorical users.

1. a. If a BMR has already been submitted, please indicate.

   b. If more than one report was submitted, specify how many, as well as the submittal dates of each and to what agency. Attach the most recent updated report submitted to the US EPA Regional Office or state.

   c. Facilities who submitted an original BMR and were out of compliance with the pretreatment standards are required to submit periodic compliance reports. The discharger should complete Item (d) if reports were submitted to one of the agencies. If a schedule was not developed, but construction has occurred, complete item (e) and indicate completion dates. If the facility submitted a BMR, but not the necessary compliance schedule or progress reports, complete Section (f&g) with projected completing dates.

2. List each regulated process, the production rate (i.e., 10,000 lbs. of (product name/unit) time - week, month, year), the category, and subpart of the applicable Categorical Pretreatment Standard as well as the SIC code for each process.

3. Each industrial user will sample, analyze, and report on all pollutants regulated specific to each process (refer to appropriate subcategory in regulations for regulated pollutants). Where mass limits exist, the facility will have to report results in mass limits (concentration x regulated process flow in million gallons/day x 8.34). The BAT pretreatment standards are process-related. That is, a facility must comply with the standard at the end-of-the regulated process. However, EPA recognizes that many facilities combine their wastewater process lines, cooling water, and sanitary discharge prior to treatment and discharge to municipal sewers. Hence, a facility can sample at a combined point, but will need to adjust the categorical limit they must meet by (i.e., calculate adjusted limits) employing the Combined Wastestream Formula that is contained in Section 403.6(e) of the General Pretreatment Regulations (Federal Register January 28, 1981). If this is the case with your facility, you must employ the formula and provide additional data for calculations. Contact the Utility for more guidance. (See also Attachment A.) Insert in the table the regulated pollutant (use abbreviations), the published average and maximum numerical limit for the particular pollutant found in the regulation, or adjusted limits as calculated by use of the combined wastestream formula, and the results of the sampling (average and maximum values).

   REVIEW THE INSTRUCTIONS FOR SECTION IV ON HOW TO REPORT THE VALUES.

Instructions

Section V - Baseline Monitoring Report (continued)

Indicate type of samples (i.e., grab, flow proportioned, etc.), analytical methods, and number of samples taken. Indicate whether samples were taken of combined wastestreams. The industrial user must ascertain whether it can meet the 30-day average, calculated average, daily maximum, or calculated maximum limit. The type of discharge, i.e., batch, continuous, routine historical information (e.g. existing data pollutant discharge) etc., is a factor that should guide the industrial user regarding the number of samples to be taken to ascertain compliance. Where feasible, samples should be flow-proportional composites. Additionally, the time, date of sampling, and 40 CFR Part 136 and any amendments thereto. It is important that the samples be representative and taken during full production. Minimum sampling requirements are:

Process flows less than 250,000 gpd - 3 samples within 2-week period
Process flows grater than 250,000 gpd - 6 samples within 2-week period

4. Facilities covered by a TTO pretreatment standard must initially sample for TTO and determine compliance. Analysis only have to be performed on toxic organics present. Contact the Utility for list of toxics applicable to your operations.

4(a) Facilities that utilized none of the toxic organics can provide a certification statement in lieu of having to monitor for toxics.

4(d) Facilities, whose sampling results indicate compliance with TTO standards can develop a solvent management plan in lieu of having to periodically sample for toxic organics. Contact the Utility for guidance.

5(a) In order to determine compliance with published or calculated mass-based categorical standards, a facility will need to compare its allowable mass limit (e.g., Pb = (0.00261/1.000) lbs x 200 lbs of steel produced = 0.533 lb) against the actual mass loading derived from sampling (i.e., conc. x regulated process flows x 8.34 = lbs discharged). If categorical standards are published in concentration, then a facility only needs to compare the concentration of its effluent against the regulated standards for the particular pollutant.

5(c) Describe any additional O&M or pretreatment and attach a compliance schedule. Specify the major events needed to achieve compliance, as well as the dates for completion of each event (i.e., hiring an engineer, completing preliminary plans, completing final plans, executing contracts, commencing construction, completing construction, etc.). The shortest possible schedule should be provided.

Section V - Baseline Monitoring Report

1. Existing Categorical User

(a) A Baseline Monitoring Report(s) (BMR) ____ was ____ was not submitted.
If not submitted, complete parts 2 thru 6.

(b) The BMR was submitted to:
_____ Local Municipality on: _____
_____ State Agency on: _____
_____ USEPA, Region X on: _____
_____ Most recent updated BMR is attached.

(c) Compliance Progress Reports (CPR) ___ were ___ were not submitted.
If not submitted, complete parts d, e, f, g, as appropriate.

(d) The reports were submitted to:
____ Local municipality on: _____
____ State agency on: _____
____ USEPA, Region X on: _____
____ Most recent updated progress report is attached.

(e) Compliance Schedule:

Action Items	Completion Dates

(f) _____ I have not complied with each action item described in my compliance schedule or have not achieved final compliance. My reasons for delay as well as the necessary steps being taken to return to schedule are shown below.

(g) My revised schedule for achieving compliance is as follows:

Action Items	Completion Dates

Comments:

2. Summarize Each Regulated Process:

Process Description	Production Rate	Pretreatment Standard Category	Subpart	Flow

Total plant flow: _____

3. Nature and concentration of Pollutants (report concentration in mg/l or mass in lbs):

a. Analysis of Regulated Flows

The industrial user must perform sampling and analysis of the effluent from all regulated process (after treatment, if applicable). Provide the analytical data for the regulated processes in the space provided below. Attach additional sheets as necessary (simply Xerox the table and questions below). Only those pollutants specifically regulated by the applicable category need be reported. If the effluent samples were taken at one combined point indicate alongside the regulated process line what process flows are commingled at this point.

Regulated Process line(s): _____

Process Flow(s) (Daily ave. in mgd): _____

ANALYTICAL RESULTS OF PROCESS WASTEWATER DISCHARGES

Pollutant						
Monthly Avg. Limit						
Reported Average						
Daily Max. Limit						
Reported Maximum						

b. Sample type (grab, composite): _____
c. Number of samples collected (explain): _____
d. Dates and times samples collected: _____
e. Sample collection location: _____
f. Where samples analyzed : _____
g. Methods of analysis: _____
h. Provide name and address of commercial lab performing analysis:

Name: _____ Address: _____

Name: _____ Address: _____

4. Total Toxicant Organics (TTO):

Facilities who use toxic organics listed by EPA in its published categorical pretreatment standards are required to meet TTO pretreatment standards and must initially sample for TTO and determine compliance. Facilities found to be in compliance with TTO standards can develop a solvent management plan in lieu of having to periodically sample for toxic organics. If you do not use toxic organics in your manufacturing process, you will not be required to sample for TTO but you must answer question "a" below.

(a) We presently do not or plan to use any of the toxic organics that are listed under the TTO standard located in the applicable categorical pretreatment standards published by the EPA. [ ]

(b) We presently use or plan to use organic toxicants listed in the categorical pretreatment standards. [ ] Complete Parts c and d.

(c) A BMR has previously been submitted which contains TTO information. Yes [ ] No [ ]

(d) A solvent management plan has been developed and is attached. Yes [ ] No [ ]

5. Compliance certification.

(a) Is this facility meeting applicable categorical pretreatment standards on a consistent basis? Yes [ ] No [ ]

(b) If no, do you require:

1) Additional operation and maintenance (O&M) to achieve compliance? Yes [ ] No [ ]

2) New or additional pretreatment facilities to achieve compliance? Yes [ ] No [ ]

(c) If additional O&M or new or additional pretreatment will be required to meet categorical pretreatment standards on a consistent basis, attach a description of it and a schedule one separate sheets. Project increments of progress indicating dates for the commencement and completion of major events leading to compliance with the standard. Note: The final compliance date in this schedule shall not be later than the compliance date for the applicable pretreatment standard. Written progress reports are required within 14 days of each of the compliance dates specified in the compliance schedule.

(d) _____ I have provided a compliance schedule.

6. Qualified Professional Certification:

I hereby certify that this information was obtained in accordance with the applicable procedures and requirements as specified in the General Pretreatment Regulations and amendments thereto and the Municipality's sewer use ordinance.

_____

Name (print)

_____

Signature Title Date Phone

Authorized Representative Statement:

"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 fine and imprisonment for knowing violations."

_____

Name (print)

_____

Signature Title Date Phone

Instructions

Section VI - Final Compliance Report

Note: Contact the Utility before sampling, if not sure of pretreatment standards, sampling protocols.

EXISTING USERS

- Non-categorical users

Submit the requested information within 90 days of the final compliance date as specified by the Utility. If you indicate in section IV that you are in compliance with the Utility's local pretreatment standards you do not need to fill out section VI; however, if you indicate in Section IV that you are not complying you may be provided with another deadline date and a date for submittal of the information in Section VI.

- Categorical users

Submit the information requested within 90 days of the final compliance dates specified in EPA's categorical pretreatment regulation. If the final compliance date has passed and you indicate in Section V that you are in compliance you do not need to fill out Section VI; however, if the deadline date has passed and you indicate in Section V that you are not complying, you will need to fill out Section VI. The Utility will probably, in this case, provide you with a revised final compliance date and due date for the final compliance report.

NEW FACILITIES (categorical and non-categorical)

Retain this section, but complete all previous sections and return the form to the Utility. This section should be completed and returned to the AWWU within 30 days of commencement of discharge.

For non-categorical users, samples should be taken of the final effluent prior to discharge to the Municipality's collection system. If there are more than one discharge of process wastewater to the municipal sewer lines, Xerox off this page and supply the analytical results for the multiple discharges.

The categorical user must perform sampling and analysis of the effluent from all regulated process (after treatment, if applicable). Provide the analytical data for the regulated processes in the space provided below. Attach additional sheets if necessary (simply Xerox the table and questions). If you are reporting adjusted limits, submit all appropriate calculations and flow data on additional sheets.

Instructions

Section VI - Final Compliance Report (continued)

2(a) List each regulated process line and process flow

- Pollutants - List across the top specific pollutants (use abbreviations) regulated in the city code. Example: Copper - Cu.

- Daily Maximum and Monthly Average - Refer to municipal code for pretreatment standards for the specific pollutant. Most cities have daily maximum pretreatment standards (limits), and not monthly averages.

Example: Daily maximum (Copper - Cu = 2 mg/l)
Monthly average (Zinc - Zn = 4 mg/l)

You would enter 2 under Cu & 4 under Zn.

Reported maximum: Report the highest maximum concentration for the samples collected and analyzed.

Reported average: If more one sample was taken, average all the individual results and report the average in the spaces provided for each of the appropriate pollutant listed.

. For non-categorical users, sample, have analyzed, and report on all pollutants as specified by the Utility. Where mass limits apply, the facility must report on a mass limit basis (concentration x regulated process flow). Attach all calculations. Samples collected must be representative and taken during peak production. Three samples must be collected each day for three consecutive days, and analyzed separately. Each daily composite shall be analyzed separately

For categorical users sample, analyze, and report on all pollutants regulated specific to each process (refer to appropriate subcategory in regulations for regulated pollutants). Where mass limits exist, the facility will have to report results in mass limits (concentration x regulated process flow in million gallons/day x 8.34). The BAT pretreatment standards are process related. That is, a facility must comply with the standard at the end-of-the regulated process. However, EPA recognizes that many facilities combine their wastewater process lines, cooling water, and sanitary discharge prior to treatment and discharge to municipal sewers. Hence, a facility can sample at a combined point, but will need to adjust the categorical limit it must meet by (i.e., calculate adjusted limits) employing the Combined Wastestream Formula that is contained in Section 403.6(e) of the General Pretreatment Regulations (Federal Register January 28, 1981). If this is the case with your facility, you must employ the formula and provide additional data for calculations. Contact the city for more guidance. Where feasible, samples should be flow-proportional composites. Additionally, the time, date of sampling, and 40 CFR 136 and any amendments thereto. It is important that the samples be representative and taken during full production. Each daily composite shall be analyzed separately.

Instructions

Section VI - Final Compliance Report (continued)

Process flows less than 250,000 gpd - 3 samples within 2-week period
Process flows greater than 250,000 gpd - 6 samples within 2-week period

Indicate type of samples (i.e., grab, flow proportioned composite, etc.), analytical methods, and number of samples taken. Indicate whether samples were taken of combined wastestreams. The industrial user must ascertain whether it can meet the applicable pretreatment standards. The type of discharge, i.e., batch, continuous, routine historical information (e.g. existing data pollutant discharge) etc., is a factor that should guide the industrial user regarding the number of samples to be taken to ascertain compliance.

3(a) For non-categorical users, compare the sample results against local pretreatment standards provided by the Utility (contained in municipal code).

For categorical users, to determine compliance with published or calculated mass-based categorical standards, a facility will need to compare its allowable mass limit (e.g., Pb = (0.00261 lbs/1.000 lbs) x 200 lbs of steel produced = 0.533 lb) against the actual mass loading derived from sampling (i.e., conc. x regulated process flows x 8.34 = lbs discharged). If categorical standards are published in concentration, then a facility only needs to compare the concentration of its effluent against the regulated standards for the particular pollutant.

4. Describe any additional O&M or pretreatment and provide compliance schedule. Specify the major events needed to achieve compliance, as well as the dates for completion of each event (i.e., hiring an engineer, completing preliminary plans, completing final plans, executing contracts, commencing construction, completing construction, etc.). The shortest possible schedule should be provided.

5. The certification pertains to the actual preparer of the report if different from the authorized representative.

The authorized representative may be either a corporate official, a partner, a fiduciary, or other duly authorized representative if this person is responsible for the overall operation of the facility from which the discharge originates.

Section VI - Final Compliance Report (FCR)

1. Existing Users

(a) A Final Compliance Report (FCR) ___ was ___ was not submitted.
If not submitted, complete parts 2 thru 5.

(b) The FCR was submitted to:

____ Local Municipality on: _____

____ State Agency on: _____

____ USEPA, Region X on: _____

(c) If a FCR has previously been submitted, was your facility in compliance with the applicable standards? Yes [ ] No [ ]

If no, you must perform additional sampling and complete parts 2 thru 5.

If yes, simply submit a copy of your previous FCR that indicates compliance. You will not be required to complete the rest of this section.

(d) Total Toxicant Organics (TTO):

Categorical users who use toxic organics listed by EPA in its published categorical pretreatment standards are required to meet TTO pretreatment standards and must initially sample for TTO and determine compliance. Facilities found to be in compliance with TTO standards can develop a solvent management plan in lieu of having to periodically sample for toxic organics. If you do not use toxic organics in your manufacturing process, you will not be required to sample for TTO but you must answer question #2 below.

1. I have already complied with the following requirements for TTO. A copy of the information is attached [ ]. If not, you must complete the appropriate questions, and provide sampling results if your facility utilizes toxic organics.

2. We presently do not or plan to use any of the toxic organics that are listed under the TTO standard located in the applicable categorical pretreatment standards published by EPA. [ ]

3. Are any of the organic toxicants listed in the categorical pretreatment standards used at this facility? Yes [ ] No [ ]

If yes, complete Part.

4. A solvent management plan has been developed and is attached.
Yes [ ] No [ ]

2. (a) Nature of Wastewaters Discharged (report in concentrations (mg/l) or mass (lbs)):

NOTE: PLEASE READ THE INSTRUCTIONS BEFORE PROCEEDING.

The categorical user must perform sampling and analysis of the effluent from all regulated process (after treatment, if applicable). Provide the analytical data for the regulated processes in the space provided below. Attach additional sheets if necessary (simply Xerox the table and questions below). If you are reporting adjusted limits, submit all appropriate calculations and flow data on additional sheets. Refer to instructions on where to take samples and how many samples to take.

For non-categorical users, samples should be taken of the final effluent prior to discharge to the Municipality's collection system. If there are more than 1 discharge of process wastewater to the Municipality's sewer lines, Xerox off this page and supply the analytical results for these discharges.

Only those pollutants specifically regulated by EPA's applicable category standard or specified by the Utility need be reported. If the effluent samples were taken at one combined point indicate alongside the regulated process line what process flows are commingled at this point.

Regulated Process line: _____
Process Flow(s) (Avg. daily): _____

ANALYTICAL RESULTS OF PROCESS WASTEWATER DISCHARGES

Pollutant						
Monthly Avg. Limit						
Reported Average						
Daily Max. Limit						
Reported Maximum						

b. Sample type (grab, composite): _____
c. Number of samples collected (explain): _____
d. Dates and times samples collected: _____
e. Sample collection location: _____
f. Where samples analyzed : _____
g. Methods of analysis: _____
h. Provide name and address of commercial lab performing analysis:

Name: _____ Address: _____

Name: _____ Address: _____

3. Compliance Certification

(a) Is the facility meeting applicable categorical pretreatment standards on a consistent basis? Yes [ ] No [ ]

(b) If no, do you require:

1) Additional operation and maintenance (O&M) to achieve compliance? Yes [ ] No [ ]

2) New or additional pretreatment facilities to achieve compliance? Yes [ ] No [ ]

4. If additional O&M or new or additional pretreatment will be required to meet categorical pretreatment standards on a consistent basis, attach a description of it and a schedule on separate sheets. Project increments of progress indicating dates for the commencement and completing of major events leading to compliance with the standard. Note: The final compliance date in this schedule shall not be later than the compliance date for the applicable pretreatment standard. Written progress reports are required within 14 days of each of the compliance dates specified in the compliance schedule.

5. Qualified Professional Certification:

I hereby certify that this information was obtained in accordance with the applicable procedures and requirements as specified in the General Pretreatment Regulations and amendments thereto and the Municipality of Anchorage sewer use ordinance.

_____

Name (print)

_____

Signature Title Date Phone

Authorized Representative Statement:

"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 fine and imprisonment for knowing violations."

_____

Name (print)

_____

Signature Title Date Phone

ATTACHMENT A
Priority Pollutant Information

1. Please indicate by placing an "X" in the appropriate space by each listed chemical whether it is Suspected to be Absent, Known to be Absent, Suspected to be Present, or Known to be Present in your manufacturing or service activity or generated as a byproduct. Some compounds are known by other names. Please refer to the Priority Pollutant Synonym Listing for those compounds that have an asterisk (*).

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

ATTACHMENT A (Continued)

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
37	bis(chloromethyl)ether *				
38	bis(2-ethylhexyl)phthalate *				
39	bromodichloromethane *				
40	bromoform *				
41	bromomethane *				
42	4-bromophenylphenyl ether				
43	butylbenzyl phthalate				
44	carbon tetrachloride *				
45	chlordane				
46	4-chloro-3-methylphenol *				
47	chlorobenzene				
48	chloroethane *				
49	2-chloroethylvinyl ether				
50	chloroform *				
51	chloromethane *				
52	2-chloronaphthalene				
53	2-chlorophenol *				
54	4-chlorophenylphenyl ether				
55	chrysene *				
56	4,4'-DDD *				
57	4,4'-DDE *				
58	4,4'-DDT *				
59	dibenzo(a,h)anthracene *				
60	dibromochloromethane *				
61	1,2-dichlorobenzene *				
62	1,3-dichlorobenzene *				
63	1,4-dichlorobenzene *				
64	3,3-dichlorobenzidine				
65	dichlorodifluoromethane *				
66	1,1-dichloroethane *				
67	1,2-dichloroethane *				
68	1,1-dichloroethene *				
69	trans-1,2-dichloroethene *				
70	2,4-dichlorophenol				
71	1,2-dichloropropane *				
72	(cis & trans)1,3-dichloropropene *				
73	dieldrin				
74	diethyl phthalate *				
75	2,4-dimethylphenol *				
76	dimethyl phthalate				
77	di-n-butyl phthalate				
78	di-n-octyl phthalate *				
79	4,6-dinitro-2-methylphenol *				

ATTACHMENT A (Continued)

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
80	2,4-dinitrophenol				
81	2,4-dinitrotoluene				
82	2,6-dinitrotoluene				
83	1,2-diphenylhydrazine *				
84	endosulfan I *				
85	endosulfan II *				
86	endosolfan sulfate				
87	endrin				
88	endrin aldehyde				
89	ethylbenzene				
90	fluoranthene				
91	fluorene *				
92	heptachlor				
93	heptachlor epoxide				
94	hexachlorobenzene *				
95	hexachlorobutadiene				
96	hexachlorocyclopentadiene *				
97	hexachloroethane *				
98	indeno (1,2,3-cd)pyrene *				
99	isophorone *				
100	methylene chloride *				
101	naphthalene				
102	nitrobenzene				
103	2-nitrophenol *				
104	4-nitrophenol *				
105	n-nitrosodimethylamine *				
106	n-nitrosodipropylamine *				
107	n-nitrosodiphenylamin				
108	PCB-1016 *				
109	PCB-1221 *				
110	PCB-1232 *				
111	PCB-1242 *				
112	PCB-1248 *				
113	PCB-1254 *				
114	PCB-1260 *				
115	pentachlorophenol				
116	phenanthrene				
117	phenol				
118	pyrene				
119	2,3,7,8-tetrachlorodibenzo-p-dioxin *				
120	1,1,2,2-tetrachloroethane *				
121	tetrachloroethene *				
122	toluene *				

ATTACHMENT A (Continued)

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
123	toxaphene				
124	1,2,4-trichlorobenzene				
125	1,1,1-trichloroethane				
126	1,1,2-trichloroethane *				
127	trichloroethene *				
128	trichlorofluoromethane *				
129	2,4,6-trichlorophenol				
130	vinyl chloride *				

2. For chemical compounds in 1. above which are indicated to be "Known Present," please list and provide the following data for each (attach additional sheets if needed):

Item No.	Chemical Compound	Estimated Annual Usage (lb)	Loss to Sewer (lb/yr)

ATTACHMENT A (Continued)
Priority Pollutant Synonym Listing

CHEMICAL COMPOUND	SYNONYM
benzo(a)anthracene	1,2-benzathracene 2,3-benzphenanthrene
benzo(a)pyrene	3,4-benzopyrene
benzo(g,h,i)perylene	1,12-benzoperylene
benzo(k)fluoroanthene	11,12-benzofluoroanthene
g-BHC(gamma)	lindane
bis(2-chloroethyl)ether	2,2-dichloroethyl ether
bis(2-chloroethoxy)methane	2,2-dichloroethyoxy methane
bis(2-chloroisopropyl)ether	2,2-dichloroisopropyl ether
bis(chlormethyl)ether	(sym)dichloromethyl ether
bis(2-ethylhexyl)phthalate	2,2-diethylhexyl phthalate
bromodichloromethane	dichlorobromomethane
bromoform	tribromomethane
bromomethane	methyl bromide
carbon tetrachloride	tetrachloromethane
4-chloro-3-methylphenol	para-chloro-meta-cresol
chloroethane	ethylchloride
chloroform	trichloromethane
chloromethane	methyl chloride
2-chlorophenol	para-chlorophenol
chrysene	1,2-benzphenanthrene
4,4-DDD	dichlorodiphenyldichloroethane p,p-TDE tetrachlorodiphenylethane
4,4-DDE	dichlorodiphenyltrichloroethylene p,p-DDX
4,4-DDT	dichlorodiphenyldichloroethane
dibenzo(a,h)anthracene	1,2,5,6-dibenzanthracene
dibromochloromethane	chlorodibromomethane
1,2-dichlorobenzene	ortho-dichlorobenzene
1,3-dichlorobenzene	meta-dichlorobenzene
1,4 dichlorobenzene	para-dichlorobenzene
dichlorodifluoromethane	difluorodichloromethane fluorocarbon-12
1,1-dichloroethane	ethylidene chloride
1,2-dichloroethane	ethylene chloride ethylene dichloride
1,1-dichloroethene	1,1-dichloroethylene
(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

ATTACHMENT A (Continued)
Priority Pollutant Synonym Listing (Continued)

CHEMICAL COMPOUND	SYNONYM
2,4-dimethylphenol	2,4-xylenol
di-n-octyl phthalate	di-(2-ethylhexyl)phthalate
4,6-dinitro-2-methylphenol	4,6-dinitro-ortho-cresol
1,2-diphenylhydrazine	hydrazobenzene
endosulfan I	a-endosulfan-alpha
endosulfan II	b-endosulfan-beta
fluorene	(alpha)-diphenylene methane
hexachlorobenzene	perchlorobenzene
hexachlorocyclopentadiene	perchlorocyclopentadiene
hexachloroethane	perchloroethane
indeno(1,3,3-cd)pyrene	2,3-ortho-phenylene pyrene
isophorone	3,5,5-trimethyl-2-cyclohexen-1-one
methylene chloride	dichloromethane
2-nitrophenol	para-nitrophenol
4-nitrophenol	ortho-nitrophenol
N-nitrosodimethylamine	dimethyl-nitrosoamine
N-nitrosodipropylamine	N-nitroso-di-n-propylamine
N-nitrosodiphenylamine	diphenyl-nitrosoamine
PCB-1016	Arochlor-1016
PCB-1221	Arochlor-1221
PCB-1232	Arochlor-1232
PCB-1242	Arochlor-1242
PCB-1248	Arochlor-1248
PCB-1254	Arochlor-1254
PCB-1260	Arochlor-1260
2,3,7,8-tetrachlorodibenzo-p-dioxin	TCDD
1,1,2,2-tetrachlorethane	acetylene tetrachloride
tetrachloroethene	perchloroethylene tetrachloroethylene
toluene	methylbenzene toluol
1,1,1-trichloroethane	methyl chloroform
1,1,2-trichloroethane	vinyl trichloride
trichloroethene	trichloroethylene
trichlorofluoromethane	fluorocarbon-11 fluorotrichloromethane
vinyl chloride	chloroethene chloroethylene

ATTACHMENT B

Electroplating and Metal Finishing Subcategories

Place a check beside all activities that apply to your business.

- [ ] Electroplating
- [ ] Electroless plating
- [ ] Anodizing
- [ ] Conversion coating
- [ ] Etching (chemical milling)
- [ ] Printed circuit board manufacturing
- [ ] Cleaning
- [ ] Machining
- [ ] Grinding
- [ ] Polishing
- [ ] Barrel finishing (tumbling)
- [ ] Burnishing
- [ ] Impact deformation
- [ ] Pressure deformation
- [ ] Shearing
- [ ] Heat treating
- [ ] Thermal cutting
- [ ] Welding
- [ ] Brazing
- [ ] Soldering
- [ ] Flame spraying
- [ ] Sand blasting
- [ ] Other abrasive jet machining
- [ ] Electric discharge machining
- [ ] Electrochemical machining
- [ ] Electron beam machining
- [ ] Laser beam machining
- [ ] Plasma arc machining
- [ ] Ultrasonic machining
- [ ] Sintering
- [ ] Laminating
- [ ] Hot dip coating
- [ ] Sputtering
- [ ] Vapor plating
- [ ] Thermal Infusion
- [ ] Salt bath descaling
- [ ] Solvent degreasing
- [ ] Paint stripping
- [ ] Painting
- [ ] Electrostatic painting
- [ ] Electropainting
- [ ] Vacuum metalizing
- [ ] Assembly
- [ ] Calibration
- [ ] Testing
- [ ] Mechanical plating

ATTACHMENT C

1. 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. Attach material safety data sheets.

Generic Type	Amount Per Year	Chemical Constituents or Brand Name
a. Example: Degreaser	3 gallons	Trichloroethylene

(Attach additional sheets if necessary)

ATTACHMENT D

Schematic Flow Diagram

Instructions - Process Flow Schematic

A separate drawing should be completed for each major business activity.

A line drawing (schematic flow diagram) of each major business activity is to be completed in the space below or drawn in on an attached sheet of paper (all sheets should be letter size). Number each process which generates wastewater using the same numbering as in the building layout schematic.

To determine your average daily volume and maximum daily volume of wastewater flow, you may have to read water meters, sewer meters, or make estimates of volumes that are not directly measurable.

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. Number each unit process having wastewater discharges to the community sewer. Use these numbers when showing this unit process in the building layout schematic. Use the space below or additional sheets of 8X11 paper.

ATTACHMENT E

Building Layout

Instructions - Building Layout

A building layout or plant site plan of the premise is required to be completed. Approved building plans may be substituted. An arrow showing North as well as the map scale must be shown. The location of each existing and proposed sampling manhole and side sewer must be clearly identified as well as all sanitary and wastewater drainage plumbing. Number each unit process discharging wastewater to the community sewer. Use the same numbering system shown in the Schematic Flow Diagram.

Draw to scale the location of each building on the premises. Show location of all water meters (current and planned), storm drains, numbered unit processes (from process Schematic(s)), community sewers and each side sewer connected to the community sewers, automatic sampling equipment (current and planned), location of pretreatment processes, treated flows and untreated flows, name and location of pertinent streets. Use flow schematic to indicate process and process discharge in gpd. Number each side sewer and show possible sampling locations (sampling manhole).

An attached blueprint or drawing of the facilities showing the above items may be substituted for a drawing on this sheet.