

# CITY OF TROUTDALE WASTEWATER DISCHARGE PERMIT APPLICATION

## GENERAL INSTRUCTIONS

This application serves as a basis for Wastewater Discharge Permit Issuance. The City will be verifying data contained in the returned form through phone calls and site visits. Please take the time to fill out the form thoroughly and adequately. All questions must be answered.

- |              |  |
|--------------|--|
| Section I    | Water/Wastewater Data: completed by all users discharging or preparing to discharge process wastewater.  |
| Section II   | Plant/Process Data/Wastewater Treatment: Completed by all users discharging or preparing to discharge process wastewater.  |
| Section III  | Wastewater Characteristic/Sampling Data: To be completed by all users.   |
| Section IV   | Baseline Monitoring Report: To be completed by all categorical users (new <i>categorical users</i> must submit this report at least ninety (90) days prior to commencement of discharge.   |
| Section V    | Final Compliance Report:<br><br>The final compliance report is due within ninety (90) days following the date for final compliance with applicable categorical standards, or in the case of a new source, following commencement of the introduction of wastewater into the sanitary sewer system. Any user subject to such pretreatment standards and requirements shall submit to the City a report containing the information described in Section 12.07.310(B)(4-6) of the Troutdale Municipal Code. For users subject to equivalent mass or concentration limits established in accordance with the procedures in 40 CFR 403.6(c), this report shall contain a reasonable measure of the user's long-term production rate. For all other users subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the user's actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with Section 12.07.210 of the Troutdale Municipal Code. |
| Attachment A | Process Schematic flow form  |
| Attachment B | Building Layout  |
| Attachment C | Priority Pollutant Information   |
| Attachment D | Electroplating and Metal Finishing Subcategories   |
| Attachment E | Principal Materials Used   |

Sections I, II, III, IV and V contain specific instructions and examples to help you answer the questions.

*New facilities proposing to discharge wastewater:*

Please supply as much information as possible when providing estimates. Section I requires that a date for commencement of operations and discharge be provided.

*Categorical Users:*

EPA has published specific federal standards called “categorical pretreatment standards.” Industrial facilities covered by these standards are commonly termed “categorical users.” Facilities not covered are termed in this document as “noncategorical users.”

*Compliance with Pretreatment Standards:*

User that have or will have a process wastewater discharge are required to comply with federal standards and local standards (prohibitive and specific local limits), whichever apply or are more stringent. Sections III, IV, and V require that you make a statement regarding compliance with the “applicable pretreatment standard”. In most cases, the City will not know which standards apply until it reviews the general information that you provide. If this is the case, you may wish to submit Sections I and II and request that the City provide additional information so that you can complete the remaining sections.

*Note to signing official:*

Information must be typewritten or clearly printed. Attach additional sheet 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 (see 40 CFR 403.12). Please complete a form for each facility that discharges to the City’s sanitary sewer system. Additional copies can be obtained by contacting the City. The address and phone number are provided below.

Please forward the completed application to the address shown below. If you have any questions, please contact the Civil Engineer at (503) 674-7241.

Attn: Civil Engineer  
City of Troutdale  
342 SW 4<sup>th</sup> Street  
Troutdale, OR 97060

*Confidentiality:*

Information and data obtained from reports, surveys, wastewater discharge permit applications, wastewater discharge permits, monitoring programs and from inspection and sampling activities performed by the City, shall be available to the public without restriction, unless the user specifically requests, and is able to demonstrate to the satisfaction of the Public Works Director, that the release of such information would divulge information, process, or methods of production entitled to protection as trade secrets under applicable State law. Wastewater constituents and characteristics and other effluent data as defined by 40 CFR 403.14 will not be recognized as confidential information and will be available to the public without restriction.



Leave blank: City use only

Date Received: \_\_\_\_\_

## WASTEWATER DISCHARGE PERMIT APPLICATION

### 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. See Section 12.07.120 of the Troutdale Municipal Code.

1. Company Name/Telephone number: \_\_\_\_\_  
Division name (if applicable) \_\_\_\_\_

Mailing Address:   A. Street or PO Box \_\_\_\_\_  
                          B. City, State, Zip Code \_\_\_\_\_

2. Facility Address (if different from mailing address):  
A. Street \_\_\_\_\_  
B. City, State, Zip Code \_\_\_\_\_

3. Person to be contacted about this form:  
A. Name: \_\_\_\_\_  
B. Address: \_\_\_\_\_  
C. City, State, Zip Code: \_\_\_\_\_  
D. Title: \_\_\_\_\_  
E. Phone Number: \_\_\_\_\_  
F. Email address: \_\_\_\_\_

4. Person to be contacted in case of an emergency:  
A. Name: \_\_\_\_\_  
B. Address: \_\_\_\_\_  
G. City, State, Zip Code: \_\_\_\_\_  
H. Title: \_\_\_\_\_  
I. Phone Number: \_\_\_\_\_  
J. Email address: \_\_\_\_\_

### Confidentiality

Please indicate those sections of this questionnaire that you wish to remain confidential and your basis for requiring confidentiality (wastewater constituents and characteristics cannot be confidential).

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

Section I – Water/Wastewater Data

PROVIDE CALCULATIONS TO SUPPORT ALL FIGURES IN SECTION I.

1. Water Use and Distribution – Provide the daily average flows of water received and wastewater discharged as 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 the City’s water system or discharged to other than City sanitary sewers, enter the location in the column headed “Source” or “Discharge To”. Other source locations can include wells and the river. 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 7 for providing flows for each of the regulated processes (process lines)

3. Discharge period:
  - (a) Enter the hours of the day for each day, during which waste from this facility will be discharged to the sewer (e.g., from 5 a.m. to 6 p.m.).
  - (b) Enter the time duration of the discharge other than continuous flows (e.g. 15 minutes every hour).

4. 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 necessary to describe the variation in operation of your business activity.

5. Process flow schematic: Go to attachment A for instructions and form.

Building Layout: Go to attachment B for instructions and form.

Priority Pollutants: Go to attachment C for instructions and form.

Electroplating and Metal Finishing Subcategories: Go to attachment D for instructions and form.

Principal Materials Used: Go to attachment E for instructions and form.

Section I – 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 (gal/day)		Discharged To (gal/day)			
	City Water	Other Source	City Sewer	Storm	Evaporation	Other
Water used for:						
Sanitary						
Processes (categorical users see No. 7)						
Boiler/Cooling Tower						
Cooling Water Contact						
Washing (equipment washdown)						
Irrigation						
Air Pollution Control						
Contained in product						
Surface water						
Waste Hauler						
Other: (Describe)						
<b>TOTAL:</b>						

2. If batch discharge occurs or will occur, indicate:

(a) Percent processing as batch \_\_\_\_\_

(b) Percent processing as continuous \_\_\_\_\_

(c) Number of batch discharges \_\_\_\_\_ at \_\_\_\_\_  
 (days of week) (hours of day)

(d) Average quantity per batch \_\_\_\_\_ gallons

(e) Flow rate \_\_\_\_\_ gallons/minute

3. 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

4. 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

5. Process flow schematic: Draw appropriate diagram(s) using the form in Attachment A.

Building layout: Draw layout of building using Attachment B.

Priority pollutant information: List suspected chemicals using Attachment C.

Electroplating and Metal Finishing Subcategories: List all applicable activities using Attachment D.

Principal Materials Used: List principal materials used using Attachment E.

6. List existing or proposed plant sewer outlets, size and flow (assign a sequential reference number to each sewer starting with No. 1, see Attachment A and B).

<u>Reference No.</u>	<u>Sewer Size (inches)</u>	<u>Descriptive location of sewer connection or discharge point</u>	<u>Daily Avg. flow (gal/day)</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

7. General characteristic of wastewater or proposed wastewater discharge: (provide specific values for (a), (b), (d), (e), (f), if known).

(a) Temperature: \_\_\_\_\_ °F

(b) pH range: \_\_\_\_\_

(c) Flammable or explosive materials: Yes [ ] No [ ] Flashpoint \_\_\_\_\_ °C

(d) Fats, oils, and grease (mg/L): \_\_\_\_\_

(e) BOD (mg/L): \_\_\_\_\_

(f) TSS (mg/L): \_\_\_\_\_

(g) Solid or viscous material: Yes [ ] No [ ] Describe \_\_\_\_\_

(h) Priority Pollutant: Yes [ ] No [ ] Don't know [ ] \*\*\* See attachment A of completed environmental survey form

(i) Solvents: Yes [ ] No [ ] Don't know [ ]

8. *For categorical facilities:* Provide the following flows for each of your regulated processes or proposed regulated processes (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 flow (gpd)

No.	EPA Categorical No.	Regulated process	Average flow rate (gpd)	Maximum flow rate (gpd)	Type of discharge (batch, continuous, none)

9. 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 A).

Location description:

If no, is one planned? Yes [ ] No [ ]

10. Do you 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 yes to any of the above, please indicate the present or future location of this equipment on the building layout (Attachment B) and describe the equipment below:

Section II – Business/Facility Description

1. **Business Activity** – Describe the principal activity of the premises. 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 the 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.

Section II – Business/Facility Description

**PURPOSE** – The business description is primarily used to determine the substances that may enter into the wastewater discharge from the business activity. Give detailed description.

1. Business activity – (Complete a separate sheet for each major or proposed business activity or product line on premises).

Activity: \_\_\_\_\_ SIC No.: \_\_\_\_\_

(a) Raw materials used or planned for use:

(b) Chemicals used or planned for use:

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

Type of Product (Brand Names)	Past Calendar Year Amounts Per Day (Daily Units)		Estimate This Calendar Year Amounts Per Day (Daily Units).	
	Average	Maximum	Average	Maximum

(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 products (use additional sheets if necessary).

Name

Description

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## General Instruction for Sections III through V

The remaining three sections will facilitate the collection of the necessary quantitative wastewater information to assist the City in establishing applicable pretreatment limits and requirements. **Existing noncategorical facilities** are required to complete Section III, while **existing categorical facilities** covered by Federal categorical pretreatment standards (*categorical users*) are required to complete Section IV and V.

### Section III – Wastewater Characterization

Section III is to be completed by noncategorical type facilities.

### Section IV – Baseline Monitoring Report

Section IV is to be completed by categorical industries and submitted at least 90 days prior to commencement of discharge.

### Section V – Final Compliance Report

The final compliance report is due within ninety (90) days following the date for final compliance with applicable categorical pretreatment standards, or in the case of a new source, following commencement of the introduction of wastewater into the POTW. Any user subject to such pretreatment standards and requirements shall submit to the City a report containing the information described in Section 12.07.310 (B)(4-6) of the Troutdale Municipal Code. For users subject to equivalent mass or concentration limits established in accordance with the procedures in 40 CFR 403.6(c), this report shall contain a reasonable measure of the user's long-term production rate. For all other users subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the user's actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with Section 12.07.210 of the Troutdale Municipal Code.

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### Note:

New facilities (categorical and noncategorical: new businesses moving into the existing facilities and new business proposing to construct a new building):

Because no discharge of process wastewaters has occurred, Section III and IV cannot be completed.

Contact the City 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 III – Wastewater Characteristics

To be completed by all industrial users discharging or proposing to discharge process wastewater (existing and new facilities that have not begun to operate and/or discharge). Attach additional sheet if needed. Contact the City before sampling, if not sure of pretreatment standards and/or sampling protocols.

- 1(a) Pollutants – List across the top specific pollutants (use abbreviations) regulated in the City code.

Daily maximum and monthly average – Refer to the City code for pretreatment standards for the specific pollutant.

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

Reported average: Average all the individual results and report the average in the spaces provided for each of the appropriate pollutants listed.

Indicate type of samples (i.e., grab, flow proportional 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 date 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 composite. 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 operation.

Each daily composite shall be analyzed separately.

- 1(b) Compare the sample results against pretreatment standards provided by the City (contained in City 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.

2. 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.

Section III – Wastewater Characteristics

Note: Samples should be taken of the final effluent prior to discharge to the City’s collection system. If there is more than one discharge of process wastewater to the City’s sewer system, photocopy this page and supply the analytical results for multiple discharges.

2. For all industrial users (report results in concentrations (mg/L) or mass (lbs)). If a new source and not yet in production, provide estimates.
  - (a) Each industrial user 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 bases (concentration X regulated process flow = mass). Attach all calculations.

Samples collected must be representative and taken during peak production and peak cleaning or highest strength period. Three 24-hour composite samples must be collected and analyzed separately for each pollutant unless otherwise noted.

**ANALYTICAL RESULTS OF PROCESS WASTEWATER DISCHARGES**

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

- i. Specify units used (mg/L or lb): \_\_\_\_\_
- ii. Sample type (grab, composite): \_\_\_\_\_
- iii. Number of samples collected (explain): \_\_\_\_\_
- iv. Dates and times samples collected: \_\_\_\_\_
- v. Sample collection location: \_\_\_\_\_
- vi. Where samples analyzed: \_\_\_\_\_
- vii. Method of analyses: \_\_\_\_\_
- viii. Flash point test: \_\_\_\_\_
- ix. 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 meeting standards. Specify the major events along with corresponding dates. Note that this schedule will require comment by the City and will be subject to changes.

3. Qualified Professional Certification:

I hereby certify under penalty of law that this information was obtained in accordance with the applicable procedures and requirements as specified in the Federal General Pretreatment Regulations and amendments thereto, and Chapter 12.07 of the Troutdale Municipal Code. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Signature Title Date Phone

Authorized Representative Statement:

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 IV – Baseline Monitoring Report

- 1(a) If a baseline monitoring report (BMR) has already been submitted, please indicate.
- 1(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 if not submitted to the USPA Region Office or state.
- 1(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 Items (f) and (g) with projected completion dates.
2. List each regulated process, the production rate (i.e., 10,000 lbs of (product name/unit) and time - week, month, year), the category, and subpart of the applicable Categorical Pretreatment Standard, as well as the SIC code for each process.
4. 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 Best Achievable Technology (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 H<sub>2</sub>O, 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 (i.e., calculate adjusted limits) by 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. Insert in 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 III on how to report the values.

Indicate type of sample (i.e., grab, flow proportional composite, etc.), analytical method, and number of samples taken. Indicate whether samples were taken of combined wastestreams. The industrial user must ascertain whether it can meet the thirty (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, sample should be 24-hour flow-proportional composites. It is important that the samples be representative and taken during full production.

5. Facilities covered by a TTO pretreatment standard must initially sample for TTO and determine compliance. Contact the City for a 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 City 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 X 200 lbs of steel produced = 0.522 lb) against the actual mass loading derived from sampling (i.e., concentration 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 a particular pollutant, unless the categorical standard requires conversion of concentration based limits to mass limits.
- 5(c) Describe any 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. Include schedule in Section V.
- 6. 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.

Section IV – Baseline Monitoring Report

1. For Categorical Users only:

(a) A Baseline Monitoring Report (BMR) \_\_\_ was \_\_\_ was not submitted. If not submitted, complete parts 2 through 6 of this section.

(b) The BMR was submitted to:

- \_\_\_ City of Troutdale on: \_\_\_\_\_
- \_\_\_ Oregon DEQ on: \_\_\_\_\_
- \_\_\_ USEPA, Region X on: \_\_\_\_\_
- \_\_\_ Most recent updated BMR is attached.

(c) Compliance Progress Reports (CPR) was \_\_\_ was not submitted. If not submitted, complete parts (d), (e), (f), and (g) as appropriate.

(d) The reports were submitted to:

- \_\_\_ City of Troutdale on: \_\_\_\_\_
- \_\_\_ Oregon DEQ on: \_\_\_\_\_
- \_\_\_ USEPA, Region X on: \_\_\_\_\_
- \_\_\_ Most recent progress report is attached.

(e) Compliance Schedule

<u>Action Items</u>	<u>Completion Dates</u>
_____	_____
_____	_____
_____	_____
_____	_____

(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:

<u>Action Items</u>	<u>Completion Dates</u>
_____	_____
_____	_____
_____	_____
_____	_____

Comments:

2. Summarize each regulated process:

Process Description	Production Rate	Pretreatment Standard Category	Subpart	SIC	Daily Flow	
					Avg.	Max.
Unregulated wastestream flow	NA	NA	NA	NA		

Total plant flow: \_\_\_\_\_

3. Nature and Concentration of Pollutants (report concentrations 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 processes (after treatment, if applicable). Provide the analytical data for the regulated processes in the space provided below. Attach additional sheets if necessary (simply photocopy the table and questions below). Only those pollutants specifically regulated by the applicable category need to be reported. Refer to *Section instructions* on where to take samples and how many samples to take. 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										
Units										
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) Method of analyses: \_\_\_\_\_

(h) Flash point test: \_\_\_\_\_

(i) Provide name and address of commercial labs who are performing analysis:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

4. Total Toxic Organics (TTOs):

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.

(a)  We presently do not or do not 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.

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

(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 the facility meeting applicable categorical pretreatment standards on a consistent basis?  
Yes  No

(b) If no, do you require:

i. Additional operation and maintenance (O&M) to achieve compliance? Yes  No

ii. 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 on 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 fourteen (14) days of each of the compliance dates specified in the compliance schedule as specified by City.

(d) I have provided a proposed compliance schedule. Yes  No

6. Qualified Professional Certification:

I hereby certify under penalty of law that this information was obtained in accordance with the applicable procedures and requirements as specified in the Federal General Pretreatment Regulations and amendments thereto, and Chapter 12.07 of the Troutdale Municipal Code. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

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Name (print)

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Signature	Title	Date	Phone
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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.

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Name (print)

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Signature	Title	Date	Phone
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*Instructions*

Section V – Final Compliance Report

Note: Contact the City before sampling, if not sure of pretreatment standards and/or sampling protocols.

Existing Users:

*Categorical users* – Submit the information requested with ninety (90) days following the final compliance date specified in EPA’s categorical pretreatment regulation.

New facilities (categorical):

Retain this section, but complete all previous sections and return the form to the City. This section should be completed and returned to the City within ninety (90) days following commencement of discharge.

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

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

Pollutants – List across the top specific pollutants (use abbreviations) regulated in the City code.

Daily maximum and monthly average – Refer to the City code for pretreatment standards for the specific pollutant.

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

Reported average: Average all the individual results and report the average in the spaces provided for each of the appropriate pollutants listed.

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 Best Achievable Technology (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 H<sub>2</sub>O, 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 (i.e., calculate adjusted limits) by 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. Insert in 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 III on how to report the values.

Indicate type of samples (i.e., grab, flow proportional 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 date 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 composite. 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 operation.

Each daily composite shall be analyzed separately.

4. 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.

Section V – Final Compliance Report

1. Existing Users:

(a) A Final Compliance Report (FCR) \_\_\_\_\_ was \_\_\_\_\_ was not submitted. If not submitted, complete parts 2 through 5.

(b) The FCR was submitted to:

\_\_\_\_ City of Troutdale on: \_\_\_\_\_

\_\_\_\_ Oregon DEQ 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 through 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 Toxic Organics (TTOs):

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 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.

i. [  ] We presently do not or do not 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.

ii. [  ] We presently use or plan to use organic toxicants listed in the categorical pretreatment standards.

iii. 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)):

The *categorical user* must perform sampling and analysis of the effluent from all regulated processes (after treatment, if applicable). Provide the analytical data for the regulated processes in the space provided below. Attach additional sheets if necessary (simply photocopy the table and questions below). Only those pollutants specifically regulated by the applicable category need to be reported. Refer to *Section instructions* on where to take samples and how many samples to take. 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										
Units										
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) Method of analyses: \_\_\_\_\_

(h) Flash point test: \_\_\_\_\_

(i) Provide name and address of commercial labs who are performing analysis:

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:

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

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

4. Qualified Professional Certification:

I hereby certify under penalty of law that this information was obtained in accordance with the applicable procedures and requirements as specified in the Federal General Pretreatment Regulations and amendments thereto, and Chapter 12.07 of the Troutdale Municipal Code. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

---

Name (print)

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Signature	Title	Date	Phone
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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.

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Name (print)

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Signature	Title	Date	Phone
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## Attachment A – Schematic Flow Diagram

### *Instructions*

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

For each major activity in which wastewater is generated, draw a diagram of the flow of material and water from start to completed activity, showing all unit processes generating wastewater. Number each process which generates wastewater using the same numbering as in the building layout or plant site plan shown in Attachment B. Use the space below or additional sheets of 8" x 11" paper.

## Attachment B – Building Layout

### *Instructions*

A building layout or plant site plan of the premises is required to be completed. Approved building plans may be submitted. An arrow showing North as well as the map scale must be shown on each page submitted.

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 Attachment A), City sewers, and the site's sewer connection to the City sewers, automatic resampling equipment (current and planned), location of pretreatment processes, treated and untreated flows, and the name and location of pertinent streets. Use flow schematic to indicate process and process discharge in gpd. Number sewer line and show possible sampling locations (sampling manhole).

Attachment C – 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 if it is generated as a byproduct. Some compounds are known by other names. Please refer to the Priority Pollutant Synonym Listing found below in Section 3 for those compounds that have an asterisk (\*).

<b>Item No.</b>	<b>Chemical Compound</b>	<b>Suspected Absent</b>	<b>Known Absent</b>	<b>Suspected Present</b>	<b>Known Present</b>
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)fluroanthene*				
30	a-BHC(alpha)				
31	a-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*				

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
37	bis(chloromethyl)ether*				
38	bis(2-ethylhexyl)phthalate*				
39	bromodichloromethane*				
40	bromform*				
41	bromomethane*				
42	4-bromophenylphenyl ether				
43	butylbenzyl phthalate				
44	carbon tetrachloride*				
45	chlordan				
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*				

Item No.	Chemical Compound	Suspected Absent	Known Absent	Suspected Present	Known Present
79	4,6-dinitro-2-methylphenol				
80	2,4-dinitrophenol				
81	2,4-dinitrotoluene				
82	2,6-dinitrotoluene				
83	1,2-diphenylhydrazine*				
84	endosulfan I*				
85	endosulfan II*				
86	endosulfan 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-nitrosodiphenylamine*				
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-dioxin*				
120	1,1,2,2-tetrachloroethane*				
121	tetrachloroethene*				
122	toluene*				

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 listed above that 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 or Discharge to Sewers (lbs/yr)	
			Sanitary	Storm

3. Priority Pollutant Synonym Listing:

Chemical Compound

Synonym

benzo(a)anthracene

1,2-benzathracene

benzo(a)pyrene

2,3-benzophenathrene

benzo(k)fluroanthene

3,4-benzopyrene

g-BHC(gamma)

1,12-benzoperylene

bis(2-chloroethyl)ether

lindane

bis(2-chloroethoxy)methane

2,2-dichloroethyl ether

bis(2-chloroisopropyl)ether

2,2-dichloroethoxy methane

bis(chloromethyl)ether

2,2-dichloroisopropyl ether

bis(2-ethylhexyl)phthalate

(sym)dichloromethyl ether

bromodichloromethane

2,2-diethylhexyl phthalate

bromform

dichlorobromomethane

bromomethane

tribromomethane

carbon tetrachloride

methyl bromide

4-chloro-3-methylphenol

tetrachloromethane

chloroethane

para-chloro-meta-cresol

chloroform

ethylchloride

chloromethane

trichloromethane

2-chlorophenol

methyl chloride

chrysene

para-chlorophenol

4,4-DDD

1,2-benzphenanthrene

dichlorodiphenyldichloroethane

p,p-TDE

4,4-DDE	tetrachlorodiphenylethane
	dichlorodiphenyltrichloroethylene
	p,p-DDX
4,4-DDT	dichlorodipenyldichloroethane
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
chloroethylene	
(trans)-1,2-dichloroethene	acetylene dichloride
	1,2(trans)-dichloroethylene
1,2-dichloropropane	propylene dichloride
(cis & trans)1,3-dichloropropene	(cis & trans)1,3-dichloropropylene
diethyl phthalate	ethyl phthalate
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
fluorine	(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

Attachment D – Electroplating and Metal Finishing Subcategories

*Instructions*

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

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

Attachment E – Principal Materials Used

*Instructions*

List all principal materials regularly used in your facility that may be present in your wastewater discharge (e.g., 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	Discharged To		Spill Potential		Chemical Constituents or brand name
		Storm	Sanitary	Storm	Sanitary	