Discovery Clean Water Alliance

Wastewater Discharge Permit Application

Completed Application Due: _____

For Office Use Only			
Date Application Received:	_____	Permit No:	_____
Date Application Reviewed:	_____	Treatment Plant:	_____
Date Appl. Deemed Complete:	_____	Jurisdiction:	_____
	_____	Account No:	_____

General Instructions

1. Submit one application for each facility or site.
2. Use the document **Wastewater Discharge Permit Application Instructions** for guidance in completing the application.
3. Provide typed or neatly printed answers to all questions specified. Include the required attachments.
4. If a section does not apply to your operations, indicate with an "NA".
5. On those sections that apply to your business but for which you do not have the information requested, please provide an explanation.
6. Use additional sheets of paper when necessary.
7. There is no application fee. System Development Charges (SDCs) will be assessed as applicable.
8. Send the completed, signed application and attachments to:

Pretreatment Coordinator
Clark Regional Wastewater District
P.O. Box 8979
Vancouver, WA 98668-8979

- Allow 16-20 weeks for permit preparation.
- If you have questions regarding this form or the permit application process, please call the Alliance Industrial Pretreatment Program at **(360) 993-8833**.

Table of Contents

	Page
Section A – Site and Administrative Informatic	1
Section B – Product and Process Information	2 - 5
Section C – Water Balance	6
Section D – Wastewater Characteristics	7
Section E – Pretreatment	8
Section F – Categorical Information	9 - 13
Section G – Certification Statement	14
Appendix A – Other Priority Pollutants Checkli	15

Section A – Site and Administrative Information

1. ADDRESSES & CONTACTS

Applicant Business and / or Project Name:	
Names of Owner and Operator:	
Name of Site Discharging Wastewater: **Check Here if Site Generates Process Wastewater but Discharges Only Domestic Waste to Sewer:** ☐ *If checked, complete this Section A and then proceed directly to Section G.*	
Address of Site Discharging Wastewater: *Site Address* *City, State* *Zip Code*	**Business Mailing Address:** *Mailing Address* *City, State* *Zip Code*

Contact Name	Job Title	Contact Role	Phone Number	E-Mail Address
			24 hr	
			24 hr	
			24 hr	

Provide information for at least two contact persons knowledgeable with this application

2. NATURE OF BUSINESS

Briefly describe business or project including primary finished products or services. Briefly describe the main activities producing wastewater at the site.

Business Description:
Activities Producing Wastewater:
Reason for Applying for Wastewater Discharge Permit:

3. SITE IDENTIFICATION AND ENVIRONMENTAL PERMIT NUMBERS HELD BY OR FOR THE FACILITY

Primary Standard Industrial Classification Code(s):	_____ _____ _____
NPDES Permit:	☐ **No** ☐ **Yes - #** _____
Stormwater Permit:	☐ **No** ☐ **Yes - #** _____
SWCAA Air Discharge Permit:	☐ **No** ☐ **Yes - #** _____
EPA Hazardous Waste ID Number:	☐ **No** ☐ **Yes - # WA_-**_____ ☐ **CESQG** ☐ **SQG** ☐ **MQG** ☐ **LQG**
Water Provider _____**:**	☐ **No** ☐ **Yes – Account #** _____
Provide Other Environmental Permit Information in this Space:	

Section B – Product and Process Information

1. BUSINESS OPERATIONS

	Total Average Number of Employees for Site:
	Is Activity Generating Wastewater Seasonal? ☐ **No** ☐ **Yes** *(provide explanation)*
	Days When Facility is in Operation: ☐ **Mon** ☐ **Tue** ☐ **Wed** ☐ **Thur** ☐ **Fri** ☐ **Sat** ☐ **Sun** **Facility Shift Schedule** *(fill in schedule below)*

Shift	Shift Start Time	Shift End Time	Avg. No. Employees	

2. PROCESSES AND PRODUCTS

Process activities include manufacturing, materials processed and remediation activities.

				Previous Calendar Year		Projected			
	Process Activity	SIC or NAICS Code	Product Name or Type	Daily Avg.	Daily Max.	Daily Avg.	Dail Max	Production or Process Units	Wastewater Discharge to Sanitary Sewer?
(a)									☐ Y ☐ N
(b)									☐ Y ☐ N
(c)									☐ Y ☐ N
(d)									☐ Y ☐ N
(e)									☐ Y ☐ N
(f)									☐ Y ☐ N
(g)									☐ Y ☐ N
(h)									☐ Y ☐ N

3. ☐ **Process / manufacturing site plan attached as Attachment number _____.**

4. ☐ **Process / manufacturing flow diagram attached as Attachment number _____.**

5. ☐ **Pretreatment and discharge site plan showing sampling location attached as Attachment number _____.**

See Section B of Instructions for details of information required on site plans and diagrams.

6. INDUSTRIAL WASTEWATER DISCHARGED TO SANITARY SEWER

Side Sewer No.	Process (a), (b), (c) etc. from B.2.	Substances Discharged to Side Sewer	Type of Pretreatment	Batch or Continuous?	Hours per Day of Discharge	Daily Quantity Discharged in Gallons	
						Avg	Max
				☐ Continuous ☐ Batch No. of batches per month: _____			
				☐ Continuous ☐ Batch No. of batches per month: _____			
				☐ Continuous ☐ Batch No. of batches per month: _____			
				☐ Continuous ☐ Batch No. of batches per month: _____			
				☐ Continuous ☐ Batch No. of batches per month: _____			
				☐ Continuous ☐ Batch No. of batches per month: _____			

7. LIQUID WASTES AND SLUDGES REMOVED BY MEANS OTHER THAN SANITARY SEWER

Process (a), (b), (c) etc. from B.2.	Type of Waste / Substance	Means of Removal (include hauler name & address of disposition)	Frequency of Removal	Quantity Generated gal or lb	
				Daily	Monthly

8. RAW MATERIALS AND CHEMICALS USED IN PROCESSES

							Disposition (Check all that apply)					
Chemical or Product Name	**Chemical Constituents**	**CAS Number**	**Process (a), (b), (c) etc. from B.2.**	**Avg. Total Storage Quantity (gal or lb)**	**Avg. Daily Usage Rate (gal or lb)**	**Max. Daily Usage Rate (gal or lb)**	**Solid Waste**	**Reclaim / Recycle**	**Air**	**Product**	**Sewer**	**Other**
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
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							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

Use additional sheets of this page if necessary.

An alternate form of the chemical inventory may be submitted only if it includes all requested items on this page.

Section C – Water Balance

1. Water Balance Table

(1) Enter the appropriate letter for the Water Source *column in the Water Balance Table:*

a. Water Provider **b. Private Well** **c. Reclaimed Water**
d. Raw Materials **e. Industrial Stormwater** **f. Groundwater**
g. Septage **h. Other**

(2) Enter the appropriate letter for the Discharge Point *column in the Water Balance Table:*

a. Sanitary Sewer **b. Storm Drain** **c. Receiving Water**
d. Waste Hauler **e. Evaporation** **f. Ground**
g. Product **h. Other**

Water Balance Table

Type of Consumption / Discharge	**Water IN**			**Water OUT**		
	Water Use			**Water Discharge or Loss**		
	Water Source	Avg (gal/day)	Max (gal/day)	Discharge Point	Avg (gal/day)	Max (gal/day)
Industrial process water / industrial wastewater						
Contact cooling water						
Non-contact cooling water						
Boiler & cooling tower feed / blowdown						
Water incorporated into product						
Domestic use / wastewater						
Industrial stormwater						
Facility washing water / wastewater						
Construction dewatering						
Groundwater remediation						
Site irrigation						
Evaporation	NA	NA	NA			
Other *(specify)*						
TOTALS:	NA			NA		

Section D – Wastewater Characteristics

1. WASTEWATER STRENGTH CHARACTERISTICS

Strength Characteristics	Units	Avg	Max (Range for pH)	Basis[1]
pH	S.U.	NA		
Suspended Solids	mg/L			
Biological Oxygen Demand (BOD_5)	mg/L			
Chemical Oxygen Demand (COD)	mg/L			
Total Dissolved Solids (TDS)	mg/L			
Total Suspended Solids (TSS)	mg/L			
Oil & Grease (non-polar)	mg/L			
Oil & Grease (polar)	mg/L			
Ammonia	mg/L			
Phosphorous	mg/L			

1 - Codes for Basis Column – *use codes following next table.*

2. COMMON PRIORITY POLLUTANTS IN DISCHARGE

*Check box and provide concentrations if present, in units listed (units other than mg/L are in **bold**)*

	Pollutant	Units	Avg	Basis[1]			Pollutant	Units	Avg	Basis[1]
☐	Antimony – total	mg/L				☐	Silver – total	mg/L		
☐	Arsenic – total	mg/L				☐	Thallium – total	mg/L		
☐	Cadmium – total	mg/L				☐	Zinc – total	mg/L		
☐	Chromium – total	mg/L				☐	Cyanide	mg/L		
☐	Copper – total	mg/L				☐	Fluoride – total	mg/L		
☐	Iron – total	mg/L				☐	Phenols - total	mg/L		
☐	Lead – total	mg/L				☐	PCBs	**ug/L**		
☐	Mercury – total	**ug/L**				☐	Pesticides*	**ug/L**		
☐	Molybdenum – total	mg/L				☐	BTEX	**ug/L**		
☐	Selenium – total	mg/L								
☐	Volatile Toxic Organics – EPA Method 624 list	mg/L				☐	Total Toxic Organics (TTO)	**ug/L**		

1 - Codes for Basis Column: ***if pesticides present, indicate which chemicals in comments below**

SE – Sample from existing discharge. Attach sampling data as Attachment _____.
SO – Sample from other similar discharge (describe below)
M – Material balance (attach calculation worksheet)
P – Professional judgment (describe below)
NP – Not present
U – Unknown

Comments:

3. OTHER PRIORITY POLLUTANTS – *complete Appendix A* Other Priority Pollutants.

4. CERTIFICATION STATEMENT – SAMPLING

I hereby certify that sampling and analysis was conducted in accordance with 40 CFR Part 136 and Section 6.J of the Alliance Pretreatment Regulations and is representative of daily operations occurring at the facility and expected pollutant discharges to the city sanitary sewer.

_____ _____
Signature Date

Section E – Pretreatment

1. WASTEWATER PRETREATMENT TYPE

Use additional sheets of this page for each additional pretreatment system serving different processes

☐	None	☐	Settling	☐	Reverse Osmosis
☐	pH adjustment	☐	Screening	☐	Dissolved air flotation
☐	Biological treatment	☐	Oil / water separator	☐	Condensation
☐	Chlorination / disinfection	☐	Grease interceptor	☐	Clarification
☐	Filtration	☐	Sedimentation	☐	Electrocoagulation
☐	Ion Exchange	☐	Precipitation	☐	Centrifugation
☐	Oxidation / reduction	☐	Adsorption	☐	
List other pretreatment type(s):					

2. PRETREATMENT DESCRIPTION

Briefly describe the pretreatment systems used at the site

3. ☐ Pretreatment system process flow diagram attached as Attachment number _____.

4. ENGINEERING REPORTS FOR PRETREATMENT SYSTEMS

Chapter 173-240 WAC, Submission of Plans and Reports for Construction of Wastewater Facilities*, requires Engineering Reports for industrial wastewater facilities be submitted and approved by Department of Ecology prior to construction or modification of pretreatment facilities.*

Check appropriate box

☐ An Engineering Report was submitted and is approved by Department of Ecology. Date of approval: _____
The Alliance may request a copy of the Engineering Report.

☐ An Engineering Report was submitted to the Alliance and / or Department of Ecology and is awaiting approval. Date of submittal: _____

☐ An Engineering Report is being prepared and planned for submittal to the Alliance by the following date: _____

☐ A determination is being made for the requirement of preparation of an Engineering Report.

☐ An Engineering Report is not required.

Section F – Categorical Information

1. **Check any activities listed below that are performed at your facility. If none apply to your facility, check this box ☐ and skip to Section G.**

40 CFR#	Industrial Activity	40 CFR#	Industrial Activity
☐ 467	Aluminum Forming	☐ 432	Meat and Poultry Products
☐ 427	Asbestos Manufacturing	☐ 433	Metal Finishing
☐ 461	Battery Manufacturing	☐ 464	Metal Molding and Casting
☐ 407	Canned & Preserved Fruits & Vegetables	☐ 436	Mineral Mining and Processing
☐ 408	Canned & Preserved Seafood	☐ 471	Nonferrous Metal, Form & Powders
☐ 458	Carbon Black Manufacturing	☐ 421	Nonferrous Metals Manufacturing
☐ 411	Cement Manufacturing	☐ 414	OCPSF, Organic Chemicals, Plastics, & Synthetic Fibers
☐ 437	Centralized Waste Treatment		
☐ 434	Coal Mining	☐ 435	Oil & Gas Extraction
☐ 465	Coil Coating	☐ 440	Ore Mining and Dressing
☐ 468	Copper Forming	☐ 446	Paint Formulating
☐ 405	Dairy Products Processing	☐ 443	Paving and Roofing Materials
☐ 469	Electrical, Electronic Components	☐ 455	Pesticide Chemicals
☐ 413	Electroplating	☐ 419	Petroleum Refining
☐ 457	Explosives Manufacturing	☐ 439	Pharmaceutical Manufacturing
☐ 412	Concentrated Animal Feedlot Operations	☐ 422	Phosphate Manufacturing
☐ 424	Ferroalloy Manufacturing	☐ 463	Plastics Molding and Forming
☐ 418	Fertilizer Manufacturing	☐ 466	Porcelain Enameling
☐ 464	Foundries, Metal Mold & Casting	☐ 430	Pulp, Paper, and Paperboard
☐ 426	Glass Manufacturing	☐ 428	Rubber Manufacturing
☐ 406	Grain mills	☐ 417	Soap & Detergent Manufacturing
☐ 454	Gum & Wood Chemicals Mfg.	☐ 423	Steam Electric Power Generation
☐ 460	Hospitals	☐ 409	Sugar processing
☐ 447	Ink formulating	☐ 410	Textile Mills
☐ 415	Inorganic chemicals Manufacturing	☐ 429	Timber Products Processing
☐ 420	Iron & Steel Manufacturing	☐ 442	Transportation Equipment Cleaning
☐ 425	Leather Tanning & Finishing	☐ Others	

2. **Indicate date when facility began (or is planned) for operation:** _____

3. **If applicable to your industry, is your facility implementing Best Management Practices (BMPs) or pollution prevention (PP) alternative to meet categorical standards?**

☐ **NA** ☐ **No** ☐ **Yes (attach BMP or PP program document or proposal)**

Section F – Categorical Information (cont.)

(THIS PAGE TO BE COMPLETED BY CATEGORICAL INDUSTRIAL USERS *ONLY)*

4. Baseline Monitoring Reports

(a) ☐ A Baseline Monitoring Report (BMR) was submitted on this date: _____
Go to 5. - Final Compliance Report

☐ A Baseline Monitoring Report (BMR) was NOT previously submitted.
Complete sections 4.(b) through 4.(e) below

(b) Provide a summary of analytical results for regulated pollutants in the table below. See Section F. of the instructions for sampling requirements.

	Regulatory Limits		**Facility Analytical Results**		**Sampling and Analysis Information**			
	Monthly Avg.	Daily Max.	Avg.	Max.				
Regulated Pollutant Name	(circle one) mg/L lb	(circle one) mg/L lb	(circle one) mg/L lb	(circle one) mg/L lb	**Sample Type**	**No. of Samples**	**Method of Analysis**	**Sample Location**

Provide name and address of commercial laboratory performing analyses. Attach laboratory reports used for analyses in this table.

(c) Provide a summary of each regulated process:

					Daily Flows	
Process Description	**Production Rate**	**Pretreatment Standard Category**	**Sub-part**	**SIC / NAICS**	**Avg**	**Max**
Unregulated waste stream	NA	NA	NA	NA		

Section F – Categorical Information (cont.)

(THIS PAGE TO BE COMPLETED BY CATEGORICAL INDUSTRIAL USERS *ONLY)*

(d) Total Toxic Organics (TTOs):

- The categorical pretreatment standard includes TTO pretreatment standards. ☐ YES ☐ NO (if NO, go to 5.)
- The facility does not use or does not plan to use any of the TTOs listed under the TTO standard of the applicable categorical pretreatment standard. ☐ YES ☐ NO (if NO, go to 5.)
- A BMR was previously submitted which contains TTO information. ☐ YES ☐ NO
- A solvent management plan has been developed and is attached. ☐ YES ☐ NO
  If NO, provide explanation of whether solvent management plan will be submitted.

(e) Compliance Schedule

All pretreatment standards are being met on a consistent basis. ☐ YES ☐ NO

If NO, describe additional operations and maintenance procedures and / or pretreatment being considered to meet standards. Include a compliance schedule for standards to be met.

Operations, maintenance and pretreatment considerations:
Compliance schedule:

Section F – Categorical Information (cont.)

(THIS PAGE TO BE COMPLETED BY CATEGORICAL INDUSTRIAL USERS *ONLY)*

5. Final Compliance Report

For new facilities (Categorical Industrial Users), retain this Section F.(5), but complete all previous sections and Section G. and submit application to the Alliance Industrial Pretreatment Program. This Section F.(5) must be completed and submitted following commencement of discharge.

(a) ☐ A Final Compliance Report (FCR) was submitted on this date: _____
Go to Section G

☐ A Final Compliance Report (FCR) is NOT yet submitted.
Complete sections (b) through (e) below. (May be returned separately from this application.)

(b) Provide a summary of analytical results for regulated pollutants in the table below. See Section F. of the instructions for sampling requirements.

	Regulatory Limits		**Facility Analytical Results**					
	Monthly Avg.	Daily Max.	Avg.	Max.				
Regulated Pollutant Name	(circle one) mg/L lb	(circle one) mg/L lb	(circle one) mg/L lb	(circle one) mg/L lb	**Sample Type**	**No. of Samples**	**Method of Analysis**	**Sample Location**

Provide name and address of commercial laboratory performing analyses. Attach laboratory reports used for analyses in this table.

(c) Provide a summary of each regulated process:

					Daily Flows	
Process Description	**Production Rate**	**Pretreatment Standard Category**	**Sub-part**	**SIC / NAICS**	**Avg**	**Max**
Unregulated waste stream	NA	NA	NA	NA		

Section F – Categorical Information (cont.)

(THIS PAGE TO BE COMPLETED BY CATEGORICAL INDUSTRIAL USERS *ONLY)*

(d) Total Toxic Organics (TTOs):

- The categorical pretreatment standard includes TTO pretreatment standards. ☐ YES ☐ NO (if NO, go to (e) –Certification)
- The facility does not use or does not plan to use any of the TTOs listed under the TTO standard of the applicable categorical pretreatment standard. ☐ YES ☐ NO
- A solvent management plan has been developed and is attached. ☐ YES ☐ NO
  If NO, provide explanation of whether solvent management plan will be submitted.

(e) Certification

Qualified Professional Certification:

I hereby certify that Pretreatment Standards are either being met on a consistent basis as indicated above or that a pretreatment system is either planned (if the process being applied for is not in operation yet) or is in operation (if the process being applied for is in operation) that is adequate to achieve federal, state, and local Pretreatment Standards on a consistent basis.

_____ _____
Signature of Qualified Professional Date

_____ _____
Printed Name Title

Section G – Certification 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.

_____	_____
Signature of Authorized Representative	Date
_____	_____
Printed Name	Title

Note to signing official: In accordance with Title 40 of the Code of Federal Regulations (CFR) Part 403 Section 403.14, information and data provided in this questionnaire which identifies the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in Section 8 of the Alliance Pretreatment Regulations. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.

Appendix A - Other Priority Pollutants Checklist

Chemical Name	Check if Absent at Facility	Check if Present at Facility	Check if Present in Discharge	Check if Absent in Discharge	Concentration in Discharge, if Known (ug/l)		Chemical Name	Check if Present at Facility	Check if Absent at Facility	Check if Present in Discharge	Check if Absent in Discharge	Concentration in Discharge, if Known (ug/l)
Acid Extractable Organics							Naphthalene					
2-Chlorophenol							Nitrobenzene					
2,4-Dichlorophenol							Phenanthrene					
2,4-Dimethylphenol							Pyrene					
2,4-Dinitrophenol							**Purgeable Volatile Organics**					
2-Methyl-4,6-dinitrophenol							1,1,1-Trichloroethane					
4-Chloro-3-methylphenol							1,1,2,2-Tetrachloroethane					
2-Nitrophenol							1,1,2-Trichloroethane					
4-Nitrophenol							1,1-Dichloroethane					
Pentachlorophenol							1,1-Dichloroethylene					
Phenol							1,2-Dichloroethane					
2,4,6-Trichlorophenol							1,2-Dichloropropane					
Base Neutral Organics							2-Chloroethyl vinyl ether					
1,2,4-Trichlorobenzene							Acrolein					
1,2-Dichlorobenzene							Acrylonitrile					
1,2-Diphenylhydrazine							Benzene					
1,3-Dichlorobenzene							Bromodichloromethane					
1,4-Dichlorobenzene							Bromoform					
2,4-Dinitrotoluene							Bromomethane					
2,6-Dinitrotoluene							Carbon tetrachloride					
2-Chloronaphthalene							Chlorobenzene					
3,3-Dichlorobenzidine							Chloroethane					
4-Bromophenyl phenyl ether							Chloroform					
4-Chlorophenyl phenyl ether							Chloromethane					
Acenaphthene							cis 1,3-Dichloropropene					
Acenaphthylene							Dibromochloromethane					
Anthracene							Ethylbenzene					
Benzidine							Methylene chloride					
Benzo (a) anthracene							Tetrachloroethylene					
Benzo (a) pyrene							Toluene					
Benzo (b) fluoranthene							trans 1,3-Dichloropropene					
Benzo (ghi) perylene							trans-1,2-Dichloroethylene					
Benzo (k) fluoranthene							Trichloroethylene					
Bis(2-chloroethoxy) methane							Trichlorofluoromethane					
Bis(2-chloroethyl) ether							Vinyl chloride					
Bis(2-chloroisopropyl) ether							Tributyltin					
Bis(2-ethylhexyl) phthalate							Surfactants					
Butyl benzyl phthalate							Nonylphenols					
Chrysene							Boron					
Di-n-butyl phthalate							Diazinon					
Di-n-octyl phthalate							Styrene					
Dibenzo (a,h) anthracene							Acetone					
Diethyl phthalate							Sulfate					
Dimethyl phthalate							Sulfite					
Fluoranthene							Sulfide					
Fluorene												
Hexachlorobenzene												
Hexachlorobutadiene												
Hexachlorocyclopentadiene												
Hexachloroethane												
Indeno(1,2,3-cd) pyrene												
Isophorone												
N-nitroso-di-n-propylamine												
N-nitrosodimethylamine												
N-nitrosodiphenylamine												