
What Should I Know About CWS' Industrial Waste Program?

Thank you for inquiring about Clean Water Services' (CWS) industrial pretreatment program. We have a knowledgeable, competent staff ready to work with you.

Winner of the 1995 United States Environmental Protection Agency (USEPA) Outstanding Pretreatment Program award, our industrial waste program has served as a model for many Oregon cities and other states.

CWS provides consistent guidance and technical assistance to keep industrial users in compliance with federal regulations.

Our regional facilities, located throughout the urbanized portion of Washington County, allow flexibility when locating a new industrial site.

Why Does CWS Require Pretreatment?

The USEPA has mandated the use of industrial pretreatment to keep pollutants and substances that disrupt wastewater treatment processes out of the sanitary sewer system, requiring you to control them at the source.

CWS is responsible to Oregon Department of Environmental Quality (ODEQ) and USEPA for regulating and enforcing pretreatment requirements in urban portions of Washington County and small portions of Multnomah and Clackamas Counties. CWS monitors permit compliance on a regular basis. We are required to publish the facility name and type of non-compliance committed by significant violators, annually.

Our enforcement actions can range from a telephone call to the issuance of a civil penalty and request to stop discharging. Industrial pretreatment protects CWS effluent and actually promotes conservation by enabling industrial byproducts, chemicals and metals to be recycled at the source, and allowing CWS to use its clean biosolids and effluent for agricultural use.

We look to you to control your process wastewater and help us protect our collective environment.

What Is An Industrial User?

- Any person who uses CWS' system to dispose of wastewater other than sanitary or domestic.
-

Who Needs a Permit?

If you discharge anything other than sanitary or domestic wastewater, you must contact CWS about a permit. For example, car wash wastewater, lab waste, contact cooling or process wastewater all require a CWS permit application.

Our permit will establish your reporting requirements and limits for discharging constituents (components, elements) found in your particular industrial waste.

How Do I Get A Permit?

CWS will supply you with a permit application booklet. You must submit a completed Discharge Permit Application information at least 90 days before you wish to discharge wastewater. We will review your application, and if all is in order, prepare a disposal permit that lists your discharge and other requirements.

To obtain an application, call Clean Water Services at: 503-681-3600. Ask for Source Control.

What Types of Questions Should I Direct To CWS?

- Equipment Review
- Policies and Procedures
- Disposal Options
- Permit Limitations
- Test Methods
- Pollution Prevention Opportunities

What Is A Significant Industrial User?

- All industrial users who are subject to USEPA categorical pretreatment standards, **or**
 - Any industrial user that discharges an average of 25,000 gallons per day or more of process wastewater, excluding sanitary, non-contact cooling and boiler blow-down wastewater, **or**
 - Any industrial user that contributes a process wastestream that makes up 5% or more of the average dry weather hydraulic or organic capacity of a CWS treatment plant, **or**
 - Any industrial user that has a reasonable potential to adversely affect CWS' sanitary sewer process or to violate any pretreatment standard or requirement.
-

What Are Local Limits?

In addition to applicable Federal pretreatment standards, dischargers must stay within limits based on local wastewater treatment plant specifics. No Significant Industrial User (SIU) shall discharge wastewater containing concentrations (and/or mass limitations) of substances exceeding the following limits. All SIUs are expected to consistently discharge below these levels:

Constituent	Maximum Allowable (mg/L)
Arsenic	0.42
Cadmium	0.3
Chromium	19.6
Copper	4.4
Cyanide	1.5
Lead	0.7
Mercury	0.008
Nickel	2.0
Silver	0.43
Zinc	6.5
Non-polar Oil & Grease	100
Total Toxic Organics	* N/A
pH	Between 6.0 & 11.0

**The Agency is not proposing a single local limit for these pollutants. The Agency may, at its discretion restrict or prohibit the discharge of other items of concern not previously mentioned in this table.*

NOTE: If the Federal pretreatment standards mentioned above are applicable, then the more stringent discharge limit will apply.

What is Required of Permit Holders?

Reports

Significant Industrial Users (SIUs) are required to submit reports to CWS, which are listed in your discharge permit. CWS provides assistance in completing the initial forms for these reports.

Other requirements

- Notification to CWS of changes in wastewater discharge, process changes or permit violations
- On-going compliance with discharge permit

Possible Requirements

- Pretreatment of process wastewater
- Continuous flow and pH monitoring
- Independent wastewater analysis of permit constituents

What Are CWS' Industrial Fees?

There are three types of potential fees to CWS' industrial customers. First, there is an industrial discharge permit fee. The amount varies with the type of industrial user to whom the permit is issued. Second, frequently there are industrial connection fees to cover the capital costs of operating the sanitary sewer system. Third, there are monthly sewer usage fees. These are based on the actual volume and characteristics of process wastewater discharges and may include high strength surcharge fees for high levels of Chemical Oxygen Demand (COD) or Total Suspended Solids (TSS).

What Types Of Permit Fees Are There?

There are three types of Industrial Permits: one for Significant Industrial Users (SIU), including those with federally established Categorical Discharge Limits, such as Metal Finishers; Non-Significant Reporting Industries (NSU); and those with Best Management Practice (BMP) permits (no numerical discharge limits).

Currently, the permit fees are as follows:

SIU: \$700 per Year

NSU: \$300 per Year

BMP: \$100 for the life of the Permit (1 - 5 Years)

How Much Are Industrial Connection Fees?

The cost of the connection fee to discharge industrial waste is based on the average, monthly industrial-process wastewater volume you plan to release into the sanitary sewer system. The calculation for industrial connection fees is based on the number of residential Equivalent Dwelling Units (EDU). An industrial EDU equals 625 gallons per day. Currently, connection fees are \$2500 per EDU.

How Are Monthly Fees Determined?

Each month you are charged for the actual amount of industrial wastewater discharged into the sanitary system, plus any high strength surcharge that applies. The units used in calculating the monthly service fee is Hundred Cubic Feet (CCF) which equals 748 gallons. Currently, the monthly usage fee is: \$1.962 per CCF

How Does the High Strength Surcharge Work?

If your waste exceeds 800 mg/L of Chemical Oxygen Demand (COD) or 400 mg/L of Total Suspended Solids (TSS), then fees are levied in addition to actual flow charges. This surcharge is for additional loading. Currently, the surcharge fees are:
COD > 800 mg/L = \$0.100 per pound COD
TSS > 400 mg/L = \$0.155 per pound TSS

How Do I Obtain Technical Assistance?

We work closely with businesses locating within our service area and are readily available for technical support. Our staff of wastewater experts will work to achieve mutual goals of safe industrial wastewater disposal. If you are planning a new facility, we may be able to save you some re-design time if you contact us first. With our guidance, your early design can include appropriate waste disposal requirements. Call Clean Water Services at 503-681-3600. Ask for Source Control.

Industrial Pretreatment Program



CleanWater Services

2550 SW Hillsboro Highway
Hillsboro, Oregon 97123-9379
503-681-3600
503-681-5138 Source Control Fax