

Springfield Industrial Pretreatment Program Overview

Why Does The City of Springfield Require Industrial Pretreatment?

The United States Environmental Protection Agency has mandated the use of industrial pretreatment to keep pollutants and substances that disrupt wastewater treatment processes out of the sanitary sewer system, requiring industries to control them at the source.

The City of Springfield is responsible to the Oregon Department of Environmental Quality (ODEQ) and the USEPA for regulating and enforcing pretreatment requirements in Springfield and Glenwood. The City of Springfield monitors permit compliance on a regular basis. The City is required to publish the facility name and type of non-compliance committed by significant violators, annually.

The City's enforcement actions can range from a telephone call to the issuance of a civil penalty and request to stop discharging. Industrial pretreatment helps to protect the effluent discharged into the Willamette River from the regional wastewater treatment facility. Conservation is promoted by enabling industrial byproducts, chemicals and metals to be recycled at the source, and allowing the regional facility to produce clean Biosolids for agricultural use.

The City looks to the regulated community to control process wastewater and help to protect our collective environment.

What is an Industrial User?

Any person, business or industrial source that uses the City of Springfield wastewater collection system to dispose of wastewater other than sanitary or domestic in nature.

Who Needs a Permit?

Any entity which discharges anything other than sanitary or domestic wastewater must contact the City of Springfield about a permit. For example, laboratory waste, contact cooling water, car wash or process wastewater of any kind all require a City of Springfield permit application. Upon completing the required application, the City of Springfield will make a determination as to whether a permit is warranted.

Permits establish formalized reporting requirements and limits for discharging constituents (components, elements) found in a particular discharge stream.

How Do I Get a Permit?

The City of Springfield will supply a permit application. In most cases, a completed permit application must be submitted at least 90 days prior to wastewater discharge. City pretreatment staff will review your completed application and schedule a site visit at your facility. Upon completion of the site visit, the City will make a determination regarding permit applicability. If it is determined that a permit is in fact necessary, City staff will prepare a Wastewater Discharge Permit that lists your discharge and other requirements. If it is determined that a permit is not necessary to regulate your discharge, a letter to that effect will be issued.

To obtain a survey/application packet, call the City of Springfield Pretreatment Program at: 541-736-1018 or 541-726-3693.

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 domestic, non-contact cooling water and boiler blow-down water in any period of 12 consecutive months, **or**
- Any industrial user discharging process wastewater, which on any day in any period of 12 consecutive calendar months constitutes at least 5% of the average daily dry weather hydraulic or organic capacity of the sewerage system, **or**
- Any industrial user that is determined by the city manager to have a reasonable potential for adversely affecting the city sewerage system's operation or for violating any pretreatment standards.

What Are Local Limits?

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

Constituent	Maximum Allowable Discharge Concentration (mg/L)
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Arsenic, total	0.3
Cadmium, total	0.3
Chromium, total	2.0
Copper, total	1.5
Cyanide, total	2.6
Lead, total	1.4
Mercury, total	0.05
Nickel, total	1.7
Silica Gel Treated Hexane Ext. Material	100
Phenols, total	3.5
Phenol, unsubstituted	30
Silver, total	0.8
Zinc, total	1.6
pH	Between 5.5 & 12.0

What Are City of Springfield Industrial and Permitting Fees?

There are currently three types of potential fees to City of Springfield industrial customers. First, applicable to industrial permittees, there is an annual industrial permit fee. This is a "pass through fee" based upon the amount the Oregon Department of Environmental Quality charges the City for each permitted industry we regulate. 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 Biological Oxygen Demand (BOD) and/or Total Suspended Solids (TSS). BOD and TSS are industry standard measures of waste strength. Currently there are seven strength categories. Industries are placed in their appropriate category based upon BOD/TSS and billed according to the volume discharged per 100 cubic foot unit (100 cubic feet = 748 gallons). Current sewer and drainage fee rates are available at: www.springfield-or.gov/dpw/brochures.htm and click on "Annual Rate Notification (Stormwater & Wastewater)."