

Document Code No.: PUT-8-16-1-PR

Title: Discharge of Cooling Water to the Sanitary Sewer System

Effective Date: 30 days after filing with ARMMS

Authorities: King County Code, Chapter 28.82 and Chapter 28.84

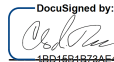
Keywords: Industrial waste, cooling water

Sponsoring Agency: Department of Natural Resources and Parks,
Wastewater Treatment Division



King County

Signature:

DocuSigned by:


Date signed: 11/18/2020

I. Purpose

This rule implements the provisions of King County Code (K.C.C.), Chapter 28.84, regarding the discharge of cooling water directly or indirectly into any public sewer, private sewer, or side sewer tributary to the King County sanitary sewer system.

Applicability and Audience This rule applies to any person, as defined in K.C.C., Section 28.82.600, generating cooling water from a facility that is not a residential dwelling unit.

II. Definitions

Unless otherwise stated herein, the terms, words, and phrases defined in this rule are exclusive to this rule. The terms, words, and phrases, when used in this rule, shall mean the following:

“Cooling water,” as defined in K.C.C., Section 28.82.190, is the water discharged from any use, such as air conditioning, cooling, or refrigeration, or to which the only pollutant added is heat.

“Facility” is any building that either has its own heating and/or cooling system or a cluster of buildings that share a common heating and/or cooling system.

“Reclamation cooling systems” are systems that use reclaimed water from any source.

“Recycling/recirculating cooling systems” are systems that recycle or recirculate water and do not generate wastewater except for maintenance, cleaning, and blowdown.

“Reuse cooling systems” are systems that reuse water at least once or that use water from another source (e.g., process water used for cooling water).

“Single-pass cooling water systems” are systems that use water once and then dispose of the water.

III. Policy

The King County Wastewater Treatment Division (WTD) owns, operates, and maintains wastewater facilities for the conveyance, treatment, recycling, and discharge of industrial and other wastewaters. WTD operates its publicly owned treatment works in a manner that protects worker safety, conveyance and treatment infrastructure, public health, and the environment. WTD is required to prevent pollutants from entering the King County sanitary sewer system that may interfere with, or pass through, its treatment systems to

the environment, advancing opportunities to recycle and reclaim wastewater and biosolids generated during the treatment process.

WTD encourages waste reduction and recycling in the region to prolong the useful life of existing and planned wastewater facilities and to protect the environment. The King County Industrial Waste Program focuses on permitting, sampling, and inspecting industrial users that pose the greatest risk to the sewer system while recognizing the cumulative impact of small discharges. WTD prohibits the discharge of clean water to the sanitary sewer system unless specifically authorized by the rule(s) published by the Department of Natural Resources and Parks Director.

King County's rule concerning the discharge of cooling water to the sanitary sewer system is described below.

- A. King County will allow, but may restrict on a case-by-case basis, the discharge of cooling water to the sanitary sewer system. King County may cooperate, as needed, with local water suppliers in their conservation education programs to reduce cooling water use; encourage the installation of reclamation, recycling/recirculating, and reuse cooling systems; and restrict single-pass cooling water systems.
- B. Dischargers of cooling water are responsible for ensuring that cooling water discharged to the sanitary sewer system meets all the requirements of K.C.C., Section 28.84.060.

IV. Implementation Plan

This rule supersedes and replaces the public rule, "Discharge of Cooling Water into Sanitary Sewer" (PUT-8-16), and becomes effective 30 days after filing with the King County Department of Executive Services, Records and Licensing Services Division, Archives, Records Management and Mail Services Section. WTD is responsible for the implementation of this rule.

V. Maintenance

- A. This rule will be maintained by WTD or its successor agency.
- B. This rule will remain in effect until it is repealed or replaced.

VI. Consequences of Noncompliance

Persons failing to comply with this rule shall be subject to all legal remedies, including those set forth in K.C.C., Section 28.84.060.