



King County

INDUSTRIAL WASTE PROGRAM

*Partnering with Industries
to Prevent Pollution*

King County Industrial Waste (KCIW) Rules Update and Renewal

MWPAAC
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Greg Newborn
Industrial Waste Lead Compliance Investigator

All County Rules expire in Jan. 2021

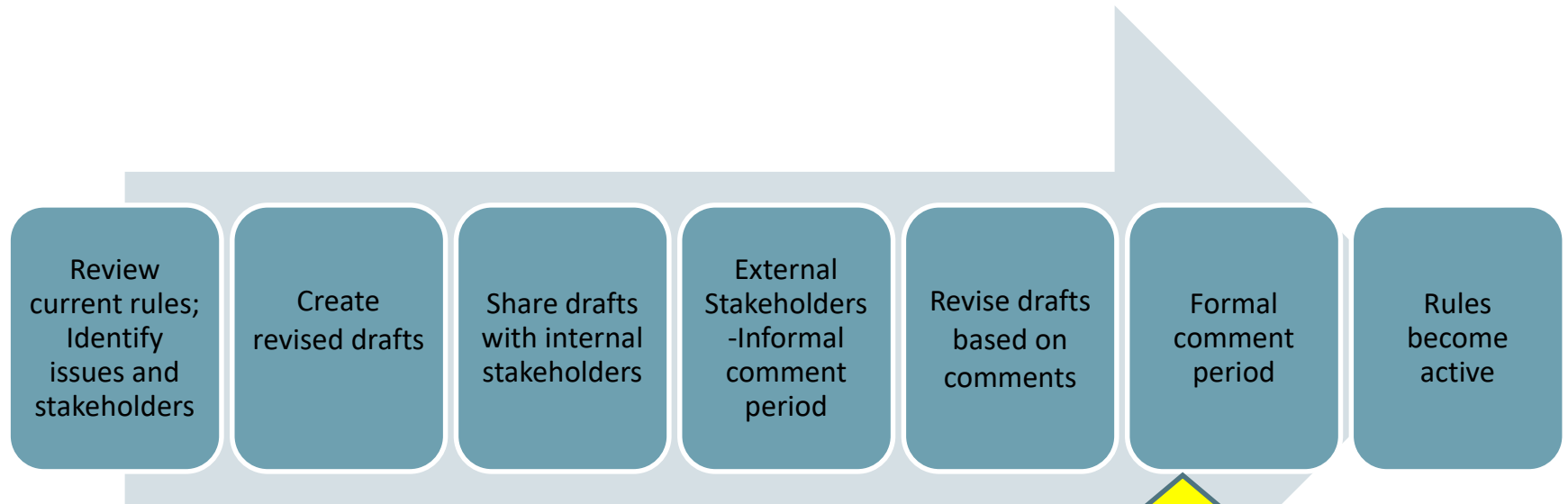
An [Executive Order](#) states that all King County Executive Public Rules, Policies and Orders written before January 11, 2016 will expire on January 11, 2021, unless renewed.



KCIW's Six Expiring Rules

- King County Industrial Waste Local Discharge Limits
- Discharge of Construction Wastewater to the Sanitary Sewer System
- Discharge of Contaminated Groundwater to the Sanitary Sewer System
- Discharge of Cooling Water into the Sanitary Sewer System
- Discharge of Hauled Waste at a King County Publicly Owned Treatment Works (POTW)
- King County Industrial Waste Enforcement Response Plan

Process to review and revise rules



We are here

King County Industrial Waste Local Discharge Limits

This rule describes the specific limits on pollutants for anyone discharging industrial wastewater into a sewer that is tributary to the King County sanitary sewer system.

What's new in the revised Local Limits rule?

Hydrogen Sulfide (in Air):

- Current Rule: 10 ppm (instantaneous)
- Revised Rule: Averages over 15-min (15 ppm), 8-hr (10 ppm), and 7-day (3 ppm).

What's new in the revised Local Limits rule?

pH Discharges above 12.0:

- Current Rule: Allowed if KCIW authorizes and limited to an equivalence of 50 gallons of 5% sodium hydroxide (*i.e.*, 21 lbs/day).
- Revised Rule: Allowed if KCIW authorizes, but must be less than pH 12.5 and limited to an equivalence of 21 lbs./day of sodium hydroxide.

What's new in the revised Local Limits rule?

Fats, Oils, and Grease (FOG – i.e., Animal/Vegetable):

Narrative limit to minimize floatable FOG remains. However, revised rule gives authority to WTD to develop concentration limits for dischargers based on what can be achieved through appropriate treatment technology.

Discharge of Construction Wastewater to the Sanitary Sewer System

This rule applies to any person or facility discharging construction wastewater from active construction sites directly or indirectly into any public sewer, private sewer, or side sewer tributary to the King County sanitary sewer system.

What's new/changed in the revised Construction Wastewater rule?

- Improved definitions.
- Introduced a new “Relief” provision to accommodate facilities failing to meet the permit from Ecology.
- Clarifies KCIW policy on discharge of clean water into the sanitary sewer.
- Clarifies KCIW policy on when permit must be obtained from Department of Ecology vs. KCIW.
- Clarifies KCIW policy on discharges to combined systems
- Eliminated the dry or wet seasons discharge volume

Discharges of Contaminated Groundwater to the Sanitary Sewer System

This rule applies to any person or facility:

- Actively pumping, treating, and discharging contaminated groundwater from industrial-generating activities, such as groundwater remediation sites, directly or indirectly into any public, private, or side sewer tributary to the KC sanitary sewer system.
- Conveying contaminated groundwater from subsurface drainage structures associated with commercial and industrial activities.

What's new/changed in the revised Contaminated GW rule?

- Improved Definitions
- Clarifies KC policy on discharge of clean water into the sanitary sewer
- Adds requirements to receive approval from the respective local public agency before submitting an application to KCIW.
- Adds conditional approval of discharge of contaminated groundwater from subsurface drainage structures on a temporary basis
- Adds requirement to evaluate alternative treatment and disposal methods based on site-specific factors and AKART analysis.

Discharge of Cooling Water to the Sanitary Sewer System

- This rule applies to any person or facility generating cooling water from a facility that is not a residential dwelling unit.
- Cooling water is the water discharged from any use, such as air conditioning, cooling, or refrigeration, or to which the only pollutant added is heat.

What's new/changed in the revised Cooling Water rule?

- No changes are proposed at this time.

Discharge of Hauled Waste at King County POTW

This rule applies to any person or facility engaged in the generation or hauling of domestic septage, non-domestic septage, or compatible wastes that are transported by truck for discharge to KC designated POTWs, as authorized by KC Wastewater Treatment Division.

What's new/changed in the revised Hauled Waste Rule?

- Eliminated confusing language about accepting FOG and emphasized its prohibition at the treatment plant
- Added a definition for “compatible wastes”

Enforcement Response Plan (ERP)

- The ERP contains procedures outlining how KCIW will investigate and respond to instances of industrial user noncompliance.
- The ERP:
 - Is required by state and federal pretreatment regulations.
 - Ensures that violating conditions are corrected promptly;
 - Provides for consistent treatment of King County's industrial users;
 - Eliminates economic advantages for noncompliance; and
 - Allows King County to recover labor and material costs attributable to violations.

Enforcement Response Plan: Next steps

- KCIW will not renew the ERP **rule**.
- WTD is drafting an Enforcement Response Plan (ERP), that explains how KCIW investigates and responds to instances of industrial user noncompliance.
- The new ERP will be shared with the public before it is adopted and must be reviewed and approved by the Washington State Department of Ecology.

Review the rule drafts

- Visit <https://publicinput.com/IWRules> to download a copy of the proposed rules
- Request an electronic copy of the proposed rules.
- Speak with a KCIW staff member about the proposed rules.
 - info.kciw@kingcounty.gov
 - 206-477-5300

Ways to submit comments on the rules

Comment period: August 10 - September 23, 2020

- ✓ Online at <https://publicinput.com/IWRules>
- ✓ Call: 206-477-5300
- ✓ Email: info.kciw@kingcounty.gov
- ✓ Mail:
 - ✓ King County Industrial Waste Program
 - ✓ 201 S Jackson St, Suite 513
 - ✓ Seattle, WA 98104
- ✓ Orally: September 2, 2020 from 3:00 to 4:00 p.m. on Zoom. Email info.kciw@kingcounty.gov for link and access code.

Reasonable accommodations available upon request.

Questions?

Greg Newborn, KCIW Lead Compliance Investigator
206-477-5422

Mark Henley, P.E., KCIW Program Manager
206-263-6994

MHenley@kingcounty.gov

www.kingcounty.gov/industrialwaste