

Department of Natural Resources and Parks **Wastewater Treatment Division** 

201 S. Jackson St., KSC-NR-0500 Seattle, WA 98104-3855

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### We want to hear from you!

Join us in February at a drop-in session:

- February 15, from 10 a.m. to 12 p.m. at Home Depot, 2701 Utah Avenue South
- February 16, from 11 a.m. to 1 p.m. at Macrina Bakery, 1943 1st Avenue South

Alternative formats available 206-477-5371 or TTY relay: 711

King County Wastewater Treatment Division protects public health and the environment by collecting and treating wastewater while recovering valuable resources for a thriving Puget Sound region.



Bibiana Ocheke-Ameh Bibiana.Ocheke-Ameh@kingcounty.gov (206) 477-5604 kingcounty.gov/MDWetWeatherFacilities

King County is developing wet weather facilities that reduce overflows from five combined sewer outfalls where the Duwamish River meets Elliott Bay. We are evaluating options that control combined sewer overflows (CSOs), comply with environmental laws, and do our part to protect our precious natural resources.

@KingCountyWTD 

King县正在修建潮湿天气储水设施,以减少Duwamish River和Elliott Bay交汇处五个合流下水道排放口的溢流 情况。我们正在评估一些方案,以控制合流下水道溢流 (Combined Sewer Overflow, CSO), 遵守环境法,并为保 护珍贵的环境资源尽一份力。

ខានធី King កំពុងអភិវឌ្**ណគ្**រឿងបរិក្ខខារសម្មរាប់អាក្ខាសធាតុសីម ដលែកាត់បន្ទថយទឹកហៀរចញ្ចេ ដាយសារបរិមាណទឹកភុល្បិង ចុរីនហូសកម្មវិតពីល្ងបង្ហហ្សរចញ្ចេរួមគុនាចំនួនបុរាំ ជាទីកនុល្បឹង ដលែទនុលរ Duwamish បុរសពុវគុនានឹង Elliott Bay ។ យីងកំពុង វាយគម្មល់ដៃមុរីសនានាដលៃគួរបគុរងបុរព័ន្ធធល្អបង្ហារួរួមគុនា ក្នុន្នងពលេមានទឹកហៀរចញ្ចេ ដាយសារបរិមាណទឹកភ្លំប្រឹង ចុំរីន់ហួសកម្មវិត (Combined Sewer Overflows, CSOs) ដាយ អនុលាំមតាមចុបាប់បរិសុថាន និងធុវីតួនាទីរបស់យីងដ៏មុបីការពារ ធនធានធម្មជាតិដ៏មានតម្លល់រៃបស់យីង។

El condado de King está construyendo instalaciones para clima húmedo que reducen los desbordamientos en cinco puntos de desagüe de alcantarillado combinado en donde el río Duwamish confluye con la bahía de Elliott. Estamos evaluando opciones que controlen los desbordamientos de alcantarillado combinado (CSO, por sus siglas en inglés), cumplan la legislación medioambiental y hagan lo necesario para proteger nuestros preciados recursos naturales.



# Mouth of the Duwamish wet Weather Facilities



## King County is starting work to address combined sewer overflows in SODO

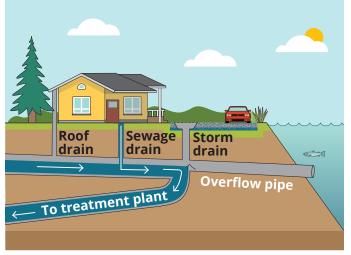
Clean water is essential for a healthy and thriving Puget Sound region. We're doing our part to prevent pollution during wet weather.

The Mouth of the Duwamish Wet Weather Facilities Plan will address pollution from five King County outfalls at the mouth of the Duwamish River. This effort is needed because Seattle's wastewater pipes were originally built as combined sewer pipes, where stormwater and wastewater flow through the same pipes (see how a combined system works in the images to the right).

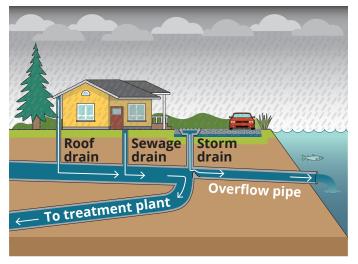
Within a combined system, there are relief points or outfalls - built decades ago. Combined sewer overflows (CSOs) release a mixture of stormwater and sewage from outfalls to prevent backups from homes and businesses. We are working to control CSOs so we can protect homes and businesses while improving water quality.

The Mouth of the Duwamish Wet Weather **Facilities will address pollution from five** outfalls at the mouth of the Duwamish **River. King County will evaluate different** methods for CSO control in SODO.

Look inside to learn more about the outfalls the Wet Weather Facilities Plan will address in the SODO neighborhood.



On dry days, wastewater goes directly to a treatment plant to be cleaned.



When heavy rainstorms overload pipes with stormwater the flow is temporarily diverted through a combined sewer overflow (CSO) outfall into a local water body. This prevents wastewater backups into homes and businesses.

### The SODO Neighborhood

The five King County outfalls included in this planning process are located in the east and west waterways of the Duwamish River on both sides of Harbor Island and along the shoreline of Elliott Bay generally in SODO (see map below).

King County is seeking to understand the feasible options to control pollution from these outfalls and meet regulatory and environmental requirements. These solutions, or system alternatives, will likely include a combination of the methods shown below.

The Mouth of the Duwamish Wet Weather Facilities is getting started. There are different ways King County can control pollution from these outfalls and meet federal and state requirements for clean water.



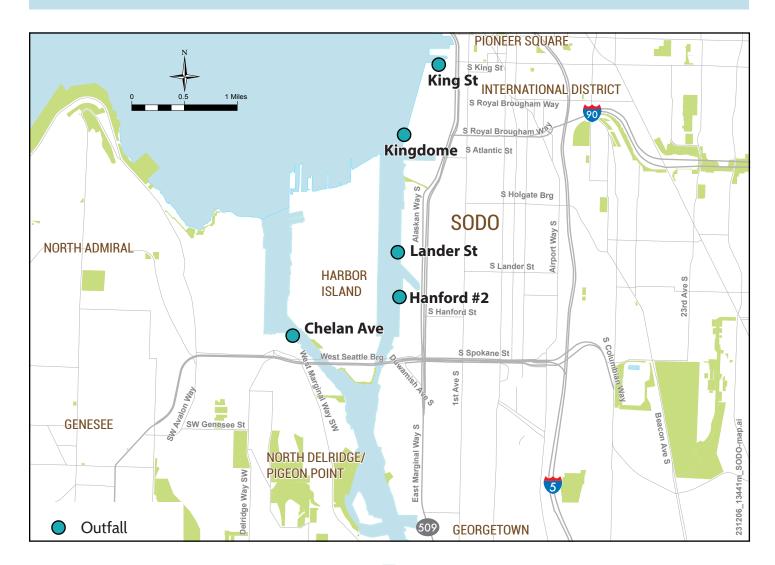
**Store it**: Building underground tanks, tunnels, or pipes to store flows during heavy storms



Treat it: Building treatment stations to treat flows that are too large to store



Move it: Building new pipelines or increasing the size of existing pipelines



### We are dedicated to listening to the community's needs.

You will have the opportunity to ask questions and share thoughts and concerns throughout this planning process.

In the beginning, the community might see crews testing groundwater levels or conducting low-impact studies, which we call field investigations. We want to make sure that everyone has access to information and can participate in ways that work best for you. You will have a lot of choices:

- Subscribe to our listserv on our website: kingcounty.gov/MDWetWeatherFacilities
- Contact us to have a one-on-one conversation by phone, video chat, email, or in person.
- Visit kingcounty.gov/MDWetWeatherFacilities to learn the latest updates about the project and access all project materials.
- Invite us to a meeting hosted by your group or organization.
- We will host informational meetings that you can join remotely and in person at project milestones.
- If you have additional suggestions for how we can best work with you, please let us know!

