

Investing in Puget Sound's health and the Region's future

How we're working with the community

Keeping the community informed is one of our top priorities and there are multiple ways we share what is going on.

Keeping our website updated

Check out our What's Happening Now section for recent news and upcoming project milestones.

Available to listen and connect you with the right person

We have a team monitoring our hotline and email inbox business days from 8 AM - 5 PM and we're happy to connect you with the right person to answer your questions.

Staffing drop-in and community events

We love getting a chance to get to know you better at in-person events and to hear your thoughts and questions about the project. Keep an eye out for us in your community!

Working with community groups

We want to make sure that you are familiar with the construction taking place in your neighborhood, including road closures and detour routes. Give us a call or email us if you'd like for us to brief your organization about upcoming construction!

Sending monthly program emails

Don't forget to sign up for our email listserve on the website for monthly program updates about each neighborhood!



Contact

For questions or comments about this project:

Call: 206-701-0233

Email: SPU_ShipCanalProject@seattle.gov

Website: spushipcanal.participate.online

For interpretation services please call **206-386-9778**

如需要口譯服務 請撥電話號碼 **206-386-9778**

통역 서비스를 원하시면 **206-386-9778** 으로

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Para servicios de interpretación por favor llame al **206-386-9778**

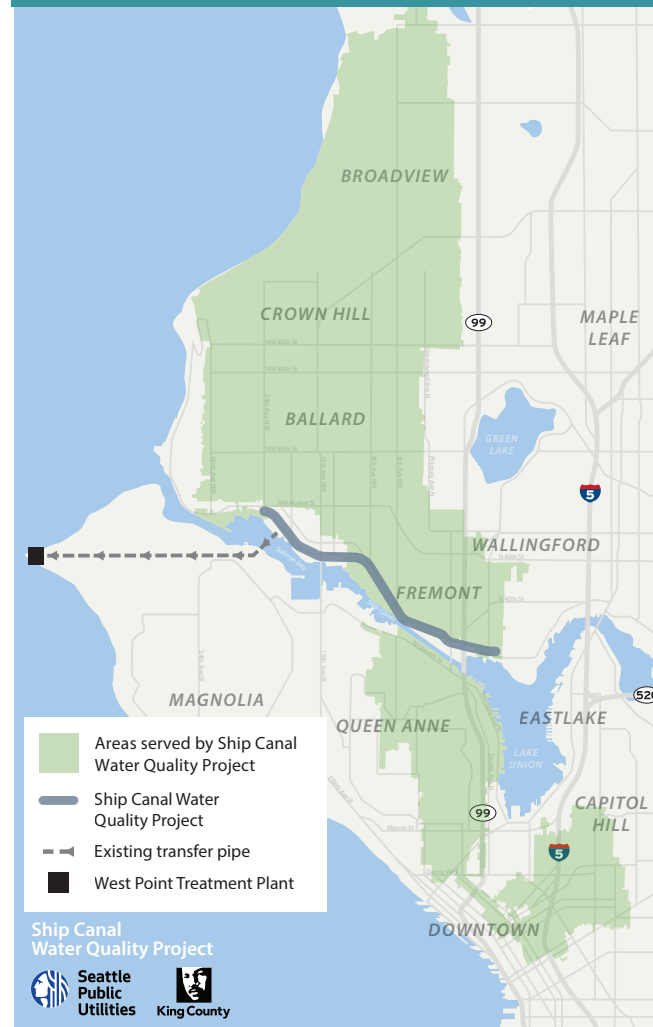
Para sa serbisyo ng tagapagpaliwanag tumawag sa **206-386-9778**

Ship Canal

WATER QUALITY PROJECT

Project Overview

Seattle Public Utilities and King County Wastewater Treatment Division are building an underground storage tunnel to significantly reduce the amount of polluted stormwater and sewage that flows into the Lake Washington Ship Canal, Salmon Bay and Lake Union from our sewer system.



Project areas:



Fremont



Ballard



East Ballard



Queen Anne



Wallingford

Project Background

In some parts of Seattle, sewage and stormwater flow in the same pipe; this is called a combined sewer. The water often exceeds the pipe's capacity, sending untreated sewage and stormwater into the Ship Canal. These overflows contain pollutants and can harm fish, wildlife, and the environment.

In 2018, 84% of the city's overflows came from the combined sewers in Crown Hill, Ballard, Fremont, Wallingford, Queen Anne, Downtown, and Capitol Hill. The new tunnel will be 2.7-miles long and 18-ft 10-in wide and, during a heavy storm, it will capture and temporarily store more than 29 million gallons of untreated stormwater and sewage from these neighborhoods until the treatment plant is ready for it.

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Want to know more? Visit our website and sign up for our email list! spushipcanal.participate.online.

Project Areas

Ballard will be home to the western end of the tunnel. Work will include above-ground facilities, new pipes to connect the tunnel to the existing sewer and stormwater overflow pipes, and a pump station that will pump flows to the treatment plant. Tunnel boring will start at this site and move toward Fremont and Wallingford.

Queen Anne will have structures below the ground and be one end of an 8-ft tunnel that will carry flows to Fremont. Construction will involve building underground structures and installing connecting pipes.

East Ballard will have structures below the street to house mechanical and electrical equipment as well as odor control. Construction will involve building the underground structures and installing connecting pipes.

Fremont will have structures below the street and be host to one end of an 8-ft tunnel that will carry flows from Queen Anne to the storage tunnel. Construction will involve building underground structures and installing connecting pipes.

Wallingford marks the eastern end of the Ship Canal Water Quality Project and the location where the storage tunnel will end. The site will have underground structures, as well as an above-ground maintenance and odor control building near 3500 Interlake Ave N. New pipes will be built to connect Wallingford's existing sewer and stormwater overflow pipes to the storage tunnel.

Construction schedule

The Ship Canal Water Quality Project will be delivered over time and in phases.

We encourage you to take a look at neighborhood fact sheets on our website for additional details on each site.

	2020	2021	2022	2023	2024	2025
Ballard	[Blue bar]					
East Ballard	[Blue bar]					
Fremont	[Blue bar]					
Queen Anne	[Blue bar]					
Wallingford	[Blue bar]					
18-ft, 10-in storage tunnel (Ballard to Wallingford)		[Orange bar]				★
8-ft tunnel (Fremont to Queen Anne)		[Orange bar]				

■ Onsite, sidewalk and roadway construction
■ Tunneling
★ Tunnel operational

March 2020

The Tunnel – How it Works

Five large vertical shafts will be built along the tunnel path in Ballard, East Ballard, Fremont, Queen Anne, and Wallingford. The shafts will collect stormwater and sewage flows from each basin and send those flows approximately 40 – 80 feet below-ground into the new storage tunnel. To help sewage and stormwater get to the tunnel, SPU will install new pipes to connect the existing neighborhood overflow pipes to the vertical shafts.

In addition to the storage tunnel, SPU will build an 8-ft wide tunnel underneath the Ship Canal connecting Queen Anne to Fremont and the storage tunnel.

March 2020