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**Learn about  
 the Chelan CSO  
 Control Project  
 inside!**

## Let Us Hear From You!



- We value your input on the project design and look forward to working with the community to define design priorities later this year. There will be many ways to get involved over the life of the project.
- You can expect one-on-one outreach to directly impacted neighbors, neighborhood meetings, community group briefings and project updates.
- Stay up to date by joining our email list and visiting our website. If you have any questions or concerns, please contact De'Sean Quinn.

### Project Contact:

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 Phone: 206-477-5417  
 Email: [DeSean.Quinn@kingcounty.gov](mailto:DeSean.Quinn@kingcounty.gov)  
 Web: [www.kingcounty.gov/chelan-cso](http://www.kingcounty.gov/chelan-cso)

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

# Chelan CSO Control Project Fact Sheet

## About the Chelan CSO Control Project

As in many cities around the country, the older parts of King County's sewer system use the same pipes to carry both sewage and stormwater to a treatment plant. During storms, the pipes can fill with stormwater that runs off roofs, driveways and streets. When the system is overwhelmed, it is designed to overflow to rivers, lakes and Puget Sound. We call this a combined sewer overflow, or CSO. Even though CSOs help prevent back-ups into homes and businesses, they pose a risk to public health and the environment.

State and federal law requires that we reduce these overflows to no more than one per outfall pipe per year. Today, that number is 25 per year for the Chelan CSO outfall, releasing 17 million gallons of overflow annually.

The Chelan Combined Sewer Overflow (CSO) Control Project, which will serve West Seattle neighborhoods, is one project in King County's **Protecting Our Waters Program** (see page 3). It will add capacity to store 4.3 million gallons of stormwater and sewage by constructing a new below-ground storage facility. When the project is complete in 2023, it will prevent a significant amount of harmful sewage overflow from entering our waterways.

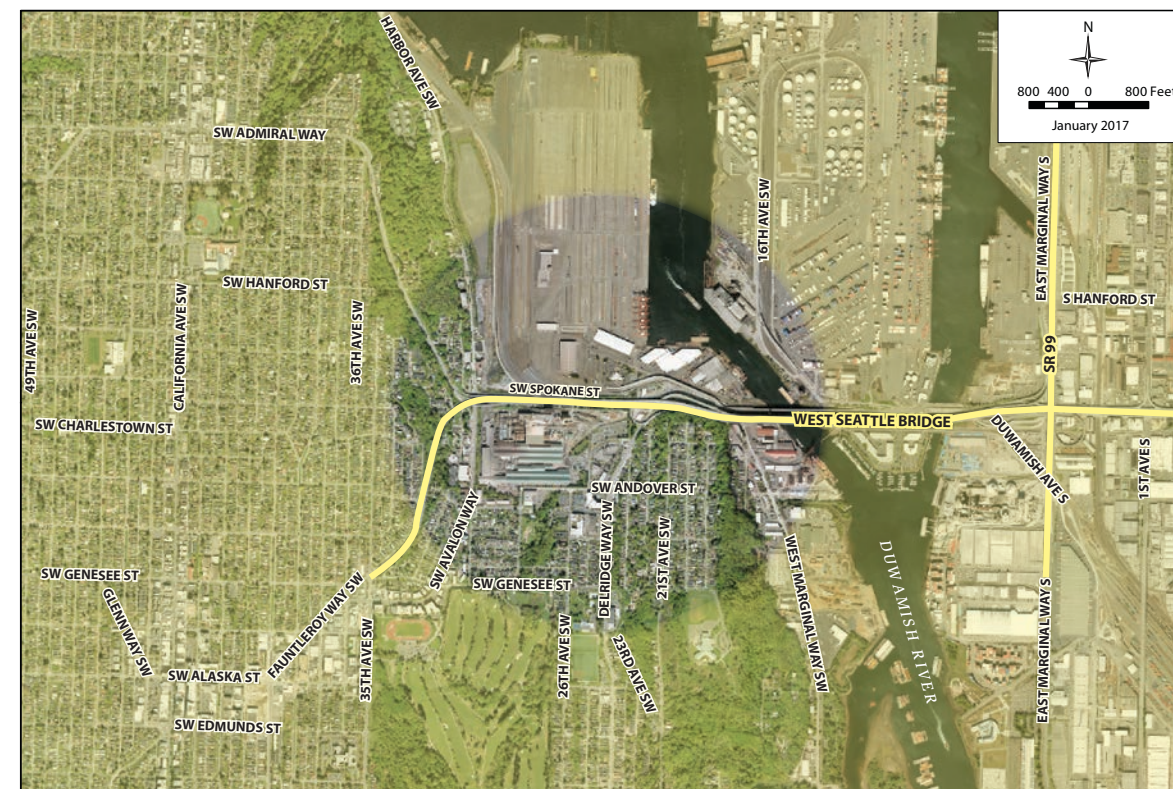
### Project Benefits

- Keeps new and ongoing sources of pollution out of our waters
- Makes waters more swimmable and fishable
- Protects our investments in Superfund cleanups
- Protects human health

## Project Location

The Chelan CSO outfall is located along the West Waterway of the Duwamish River, near the Port of Seattle's Terminal 5. Sewage flows north from the Delridge neighborhood to the West Point Treatment Plant in Magnolia. Rain and sewage can spill from the outfall during large storms.

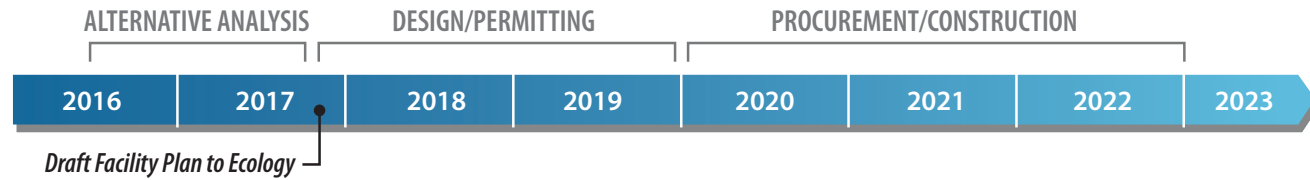
Although the exact project site has yet to be selected, the Chelan CSO control facility will be located in this general vicinity, most likely the Northeastern edge of West Seattle.



*Approximate boundaries are intended for planning purposes only and do not represent all potential site locations that will be reviewed. Further study and evaluation will be completed prior to selection of any site.*

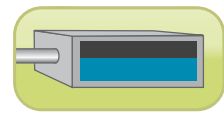
## Project Schedule

To comply with federal and state laws, all the CSO projects have strict timelines for completion, but we will make sure people have opportunities to be informed about and involved in design.

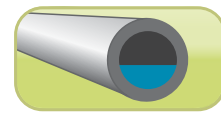


## What Solutions Are We Looking At?

King County is considering two possible solutions to store water during storms for the Chelan CSO:



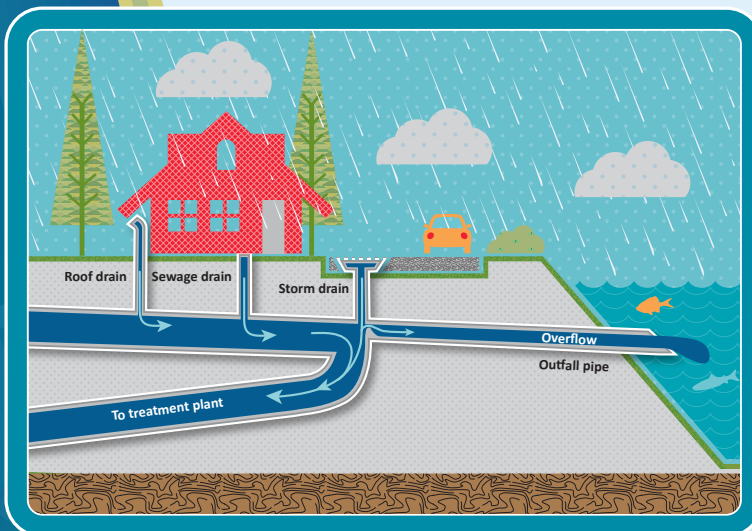
Storage tank



Storage tunnel

King County's technical team is evaluating these options considering technical needs, community impacts, cost, land use and permitting, and operation and maintenance requirements. Either solution would be constructed below grade.

## What's a CSO and Why Control It?



- 1 Combined sewer overflows (CSOs) are relief points in sewer systems that carry sewage and stormwater in the same pipe.
- 2 When heavy rains fill the pipes, CSOs release sewage and stormwater into rivers, lakes, or Puget Sound. They can harm people and animals living in the water because they carry chemicals and germs. In Seattle, CSOs exist only in our oldest neighborhoods.
- 3 One solution is to use pipes and underground storage tanks to store wastewater. Tanks and pipes hold extra sewage and stormwater until there is room in the pipes again. After the storm the wastewater is then sent to the treatment plant for treatment.

Visit the *Protecting our Waters* homepage to learn more about how we are working to reduce overflows:

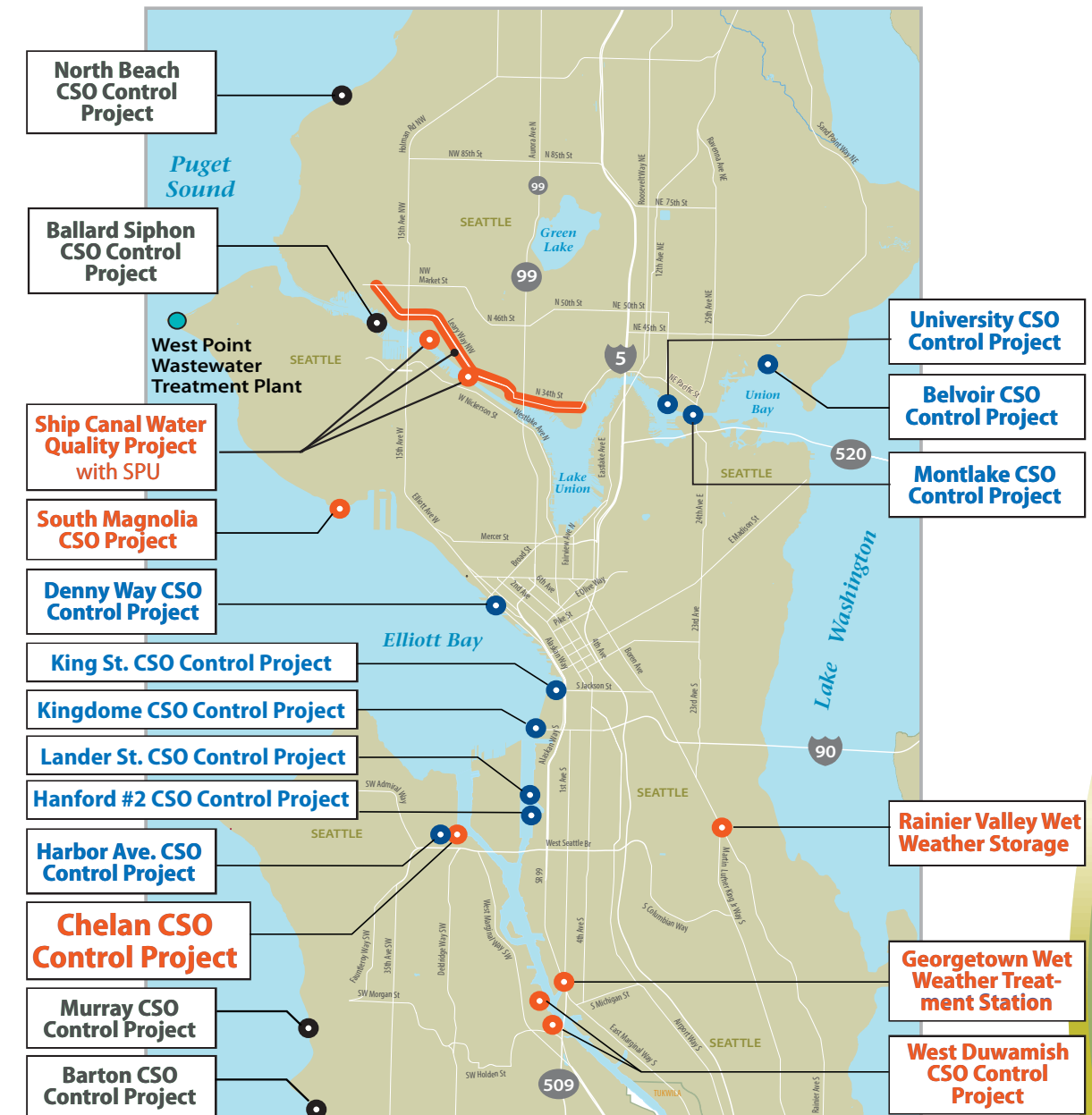
[kingcounty.gov/services/environment/wastewater/cso.aspx](http://kingcounty.gov/services/environment/wastewater/cso.aspx)

## About the Protecting Our Waters Program

Protecting Our Waters is King County's program to prevent pollution caused by excess stormwater in the sewer system on rainy days. Through 2030, the program will build several projects to control pollution in the Duwamish River, Lake Washington Ship Canal and Puget Sound.

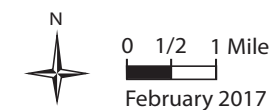
Completion of these projects will mark the end of an effort King County began 35 years ago, which has succeeded in reducing overflows by 90 percent to date, keeping more than 2.3 billion gallons of sewage and stormwater out of local waterways.

### 2010 - CURRENT PROJECTS *King County Protecting Our Waters Projects to Control CSOs*



#### CSO Project Status Key

- Upcoming projects
- Projects currently underway
- Completed projects



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