Chelan Wet Weather Storage Project

King County Wastewater Treatment

Combined Sewer Overflow (CSO) Control Program

Reducing Pollution from Sewer Overflows in West Seattle

During heavy rain, combined sewer pipes in Seattle can fill up fast with stormwater. When this happens, pipes release extra stormwater and sewage into nearby rivers, lakes, and Puget Sound. This is called a combined sewer overflow, or CSO. Most of the overflow is rainwater, but it can contain sewage, germs and harmful contaminants.

CSOs were designed decades ago to prevent backups into homes and businesses during heavy storms. They also pollute the environment with germs and harmful contaminants. During storms, this project will store stormwater and sewage. This will keep it out of the Duwamish River and Elliott Bay.

Project benefits

- Improving water quality in lakes, rivers, and Puget Sound.
- Following state and national clean water laws.
- Preparing for more intense rain in the future.
- Meeting community needs.

How the Planned System Works

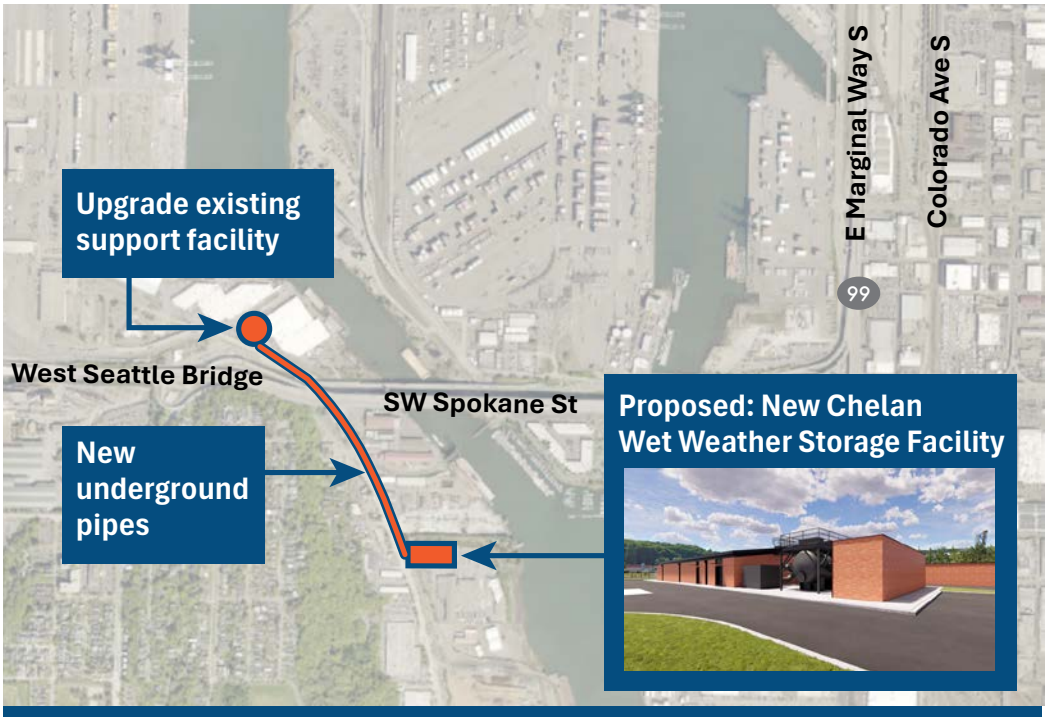
The project includes an underground storage tank. It will handle combined sewer overflows from a pipe under Chelan Avenue. King County proposes to build the tank in West Seattle, near South Dakota Street and West Marginal Way Southwest.

During heavy rain, the tank will hold extra stormwater and sewage. This helps keep it out of the Duwamish River.

After the storm, the stored water will get pumped back into the sewer system. Next, it will be sent to West Point Treatment Plant in Seattle for full treatment.

The underground tank can hold up to 7 million gallons of stormwater and sewage. That's more than 10 Olympic-sized swimming pools of water stored underground.

We will add new pipes and upgrade an existing above-ground facility to connect the storage tank to the existing sewer system.



This project will help reduce pollution from the Chelan Avenue combined sewer overflow pipe.

Our commitment to community

All communities deserve a fair chance to do well. To support this, King County makes equity and fairness a priority in every stage of our projects.

- **We listen to people and work with neighbors. We ask for feedback and use it in our plans when possible.**
- **We focus on communities most affected by our work.**
- **We plan and build projects that protect public health and the environment.**

Project funding

King County Wastewater Treatment Division pays for this project. Ratepayers help fund this work through sewer charges on their local sewer bill. The current estimated cost for this project is $7 million. **This estimate is subject to change.*

What's next?

The project is currently in the design phase. Construction could start as early as 2029 and last about five years. The facilities could begin operating as soon as 2034. As construction gets closer, we will share updates aboutwhat to expect and how we will stay in touch.

PLANNING	DESIGN	CONSTRUCTION
January 2024 – May 2025	**May 2025 – 2029**	**2029 – 2034**

** Timeline subject to change.*

Learn more and sign up for project updates!

Sign up for email updates to get the latest project news!

Visit the project website or scan the QR code:
kingcounty.gov/wtd/chelanstorage

Mouth of Duwamish Wet Weather Facilities

The Chelan Wet Weather Storage Project is part of the Mouth of Duwamish Wet Weather Facilities. The facilities will reduce CSOs from five combined sewer outfall pipes. Once built, they will keep more than 400 million gallons of polluted water out of the Duwamish River and Elliott Bay each year. This work helps King County meet state and federal clean water laws.

Learn more about the program at: **kingcounty.gov/mdwetweatherfacilities**

Questions?

Contact us with questions or request a briefing for your organization:

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Email: ChelanStorage@kingcounty.gov
Call: 206-263-1189

Alternative formats available
Call: 206-477-5371 or 771 (TTY)

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