



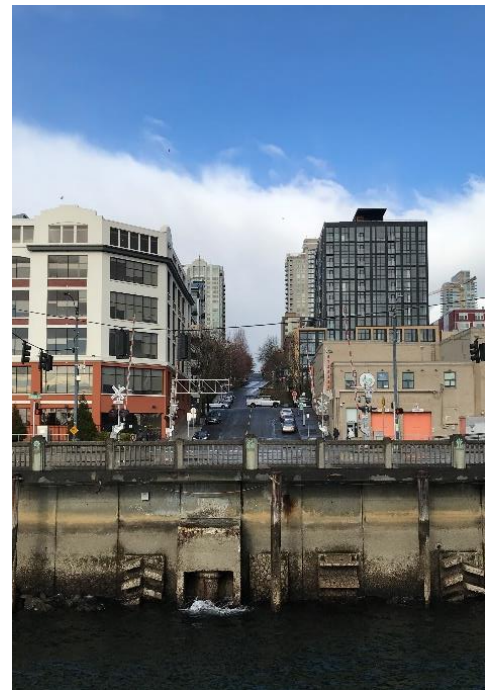
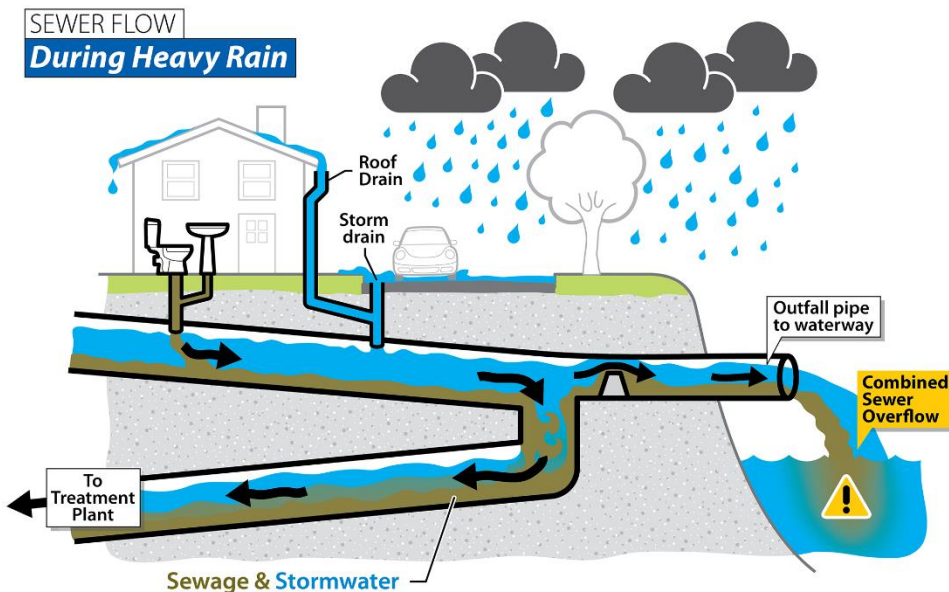
Seattle
Public
Utilities

VINE BASIN CSO CONTROL PROJECT

Seattle Public Utilities (SPU) keeps our neighborhoods and environment clean and healthy by maintaining a system of pipes that safely carry sewage and stormwater away from where we live and work. Combined sewer infrastructure in the Belltown neighborhood is not up to current environmental standards and needs improvements to help protect the environment. The upcoming Vine Basin Combined Sewer Overflow (CSO) Control project will make improvements to the combined wastewater and stormwater system in the Vine Basin so the frequency of CSOs is reduced to no more than one per year on average into the Puget Sound.

What is a combined sewer overflow (CSO)?

Sewer pipes in Seattle carry sewage (wastewater) away from homes and buildings for treatment at King County's treatment plants before discharging into Puget Sound. In some neighborhoods, like Belltown, the same sewer pipes also carry untreated rain water (stormwater) from roof and street drains. During heavy rains, if the amount of sewage and stormwater exceeds the sewer system capacity, the excess flows into nearby waterways through an outfall pipe. These overflows can harm fish, wildlife and swimmers. This is called a combined sewer overflow (CSO).



The west end of Vine Street near Elliott Bay and the outfall structure where overflows occur.

What happens next?

Between now and summer 2019, our technical team will evaluate options for improving the combined sewer system. Options may include partnership opportunities with King County, upsizing pipes, increasing underground storage. The potential for green stormwater infrastructure (GSI) to help reduce CSOs in the Vine Basin is limited because of soil conditions, steep slopes, and the amount of existing development. Considering these limitations, we'll look at opportunities to incorporate GSI into

the option we choose, but GSI won't be the primary solution we employ. This analysis will help us decide what type of improvements best meet our triple bottom line analysis that evaluates social, environmental and financial goals, and feasibility. Once we determine a path forward, we will work towards final design and plan for construction in 2022. We are excited to work with the Belltown community and will provide opportunities to stay informed and provide input where possible. Visit our project website to learn more and sign up for project updates.

Questions? Contact:

Shailee Sztern | project manager | Shailee.sztern@seattle.gov | 206-256-5256

Learn more and sign up for project updates at: seattle.gov/VineBasin

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