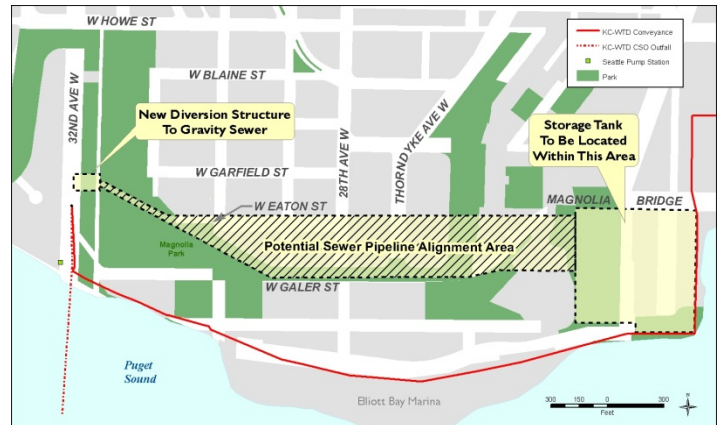


King County Begins Design of the South Magnolia CSO Control Project

To limit combined sewer overflows (CSOs), King County plans to design and build an underground storage tank in the Smith Cove Park/West Yard area south of the Magnolia Bridge. This facility will store about 1.8 million gallons of peak flows conveyed from a diversion structure on 32nd Avenue West when the South Magnolia trunk line reaches maximum capacity during large storms. After storms have passed, an underground pump will transfer stored flows to the Interbay Pump Station for conveyance to the West Point Treatment Plant.



Magnolia CSO Project Area

Why does King County need to do this project?

In 2008, King County reported that the South Magnolia CSO facility had 19 overflows per year on average that discharge a total of 31 million gallons of untreated wastewater and stormwater into Puget Sound off of South Magnolia. King County is working to meet current regulations set by the Washington Department of Ecology that require no more than one untreated discharge per year on a long term average.



CSO Tank Site Location

Did you know?

CSOs can occur at any time of the year when stormwater fills the sewer system beyond capacity. People can check the Web for real-time notification of CSOs at www.kingcounty.gov/environment/wastewater/CSOstatus.

Project elements

- An underground diversion structure located in the right-of-way under 32nd Avenue West
- An underground storage tank in the Smith Cove Park/West Yard area south of the Magnolia Bridge
- Approximately 2,700 lineal feet of gravity sewer pipeline connecting the diversion structure to the storage tank installed by trenchless drilling technique
- Access hatches at the surface for operations and maintenance crews to access the storage tank
- An underground structure at one end of the storage tank that will include small pumps to discharge stored flows
- A pipe connecting the storage tank to the South Magnolia Trunk line
- An ancillary equipment facility including odor control and electrical equipment, located in the Smith Cove Park/West Yard area
- Restoration of the right-of-way in accordance with permit conditions
- Surface restoration in affected project area



1d

For more information

King County's CSO Control Program

www.kingcounty.gov/environment/wastewater/CSO

South Magnolia CSO Control Project

www.kingcounty.gov/environment/wtd/Construction/Seattle/SMagnoliaCSOStorage

Contact **Monica** Van der Vieren at 206-263-7301 or

Monica.Vandervieren@kingcounty.gov

ALTERNATIVE FORMATS AVAILABLE
206-684-1280 / 711 (TTY Relay)