



May 2018

Soil sampling and groundwater testing near 1st Avenue South Bridge Week of May 7

Crews working for King County Wastewater Treatment Division will conduct soil sampling and groundwater testing on Port of Seattle property near the 1st Avenue South Bridge (see map at right) to better understand below-ground conditions near a potential stormwater storage tank site.

During the week prior to the soil and groundwater testing, crews will mark the locations of existing utilities and sample locations.

Starting as early as Monday, May 7, crews will use a vacuum truck and truck- or track-mounted drill rigs to take soil samples. Two of the boreholes will be completed as monitoring wells for additional testing and for collecting groundwater level data.

Once drilling is complete, crews will restore the surface or install a flush-mounted metal cover over the groundwater monitoring wells. The well completion will not impact vehicle traffic or other use of the site. This drilling and monitoring well work is expected to last about two weeks.

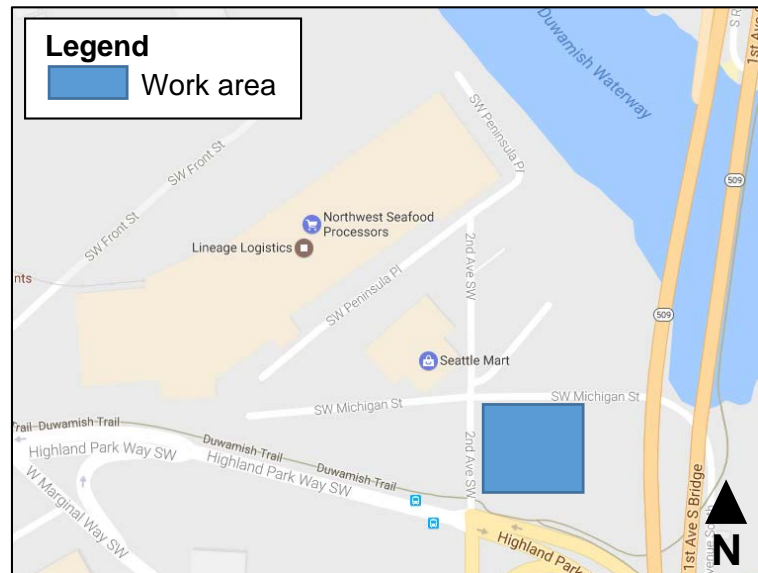
What you can expect

- Work hours 7 a.m. to 6 p.m., Monday through Friday for about one week
- Up to six drill rigs and service vehicles on site
- Noise during work hours, including engine noise and periodic hammering
- Soil and water will be stored in steel drums on site while work is ongoing
- Occasional truck traffic accessing the site during work hours
- Staff may return to the site over the next month for well testing and monitoring purposes

Please watch for equipment and signs in the area, travel slowly to stay safe and follow direction from flaggers.

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About the project

Like many cities around the country, 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 storm water that runs off roofs, driveways and streets. When the system is overwhelmed, it is designed to overflow to rivers, lakes and the Puget Sound. These events are called Combined Sewer Overflows, or CSOs. Even though CSOs help prevent backups into homes and businesses, they pose a risk to public health and the environment.

The West Duwamish CSO Control Project is exploring the best way to reduce these overflows to meet federal requirements of no more than one overflow per year. Every drainage basin is unique, so over the last year we've been focused on learning the specifics of South Park, including studying soils, the groundwater table and how redevelopment has influenced the way water flows in the neighborhood. The project team considered technical needs, operation and maintenance requirements, land use and permitting, community impacts and cost. We have determined that an underground storage tank is the most effective solution to minimize CSOs in South Park.



Crews will use a drill like this one to take soil samples.

Timeline

We are currently in the project planning stage. Project design will begin in early 2018. Additional schedule details will be available later in 2018.

For more information

Contact De'Sean Quinn at 206-477-5417 or desean.quinn@kingcounty.gov

Visit the project Web page at www.kingcounty.gov/westduwamish-cso

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