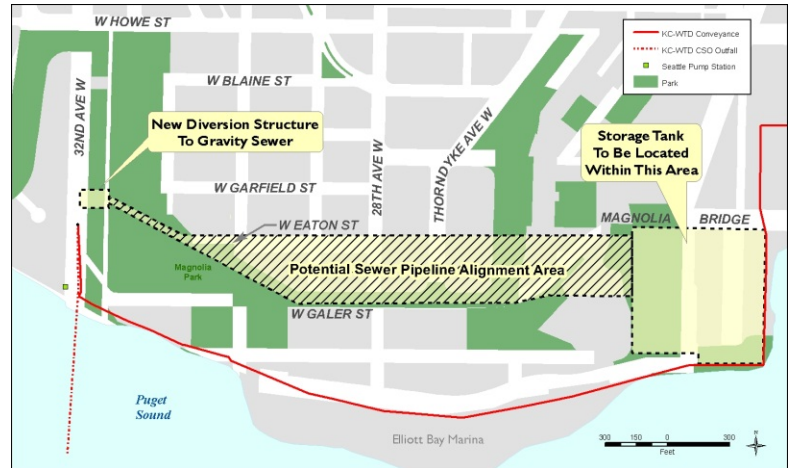




Upcoming Geotechnical Work in Magnolia

To support design of the Magnolia Combined Sewer Overflow (CSO) Control project, King County will conduct geotechnical investigations to evaluate soil and groundwater conditions to determine the optimal area for construction of a gravity sewer pipeline. The new gravity sewer will convey excess wastewater and stormwater flows from 32nd Avenue West deep under the hill to an underground storage tank in the Smith Cove Park/Terminal 91 West Yard area. After storms have passed, the stored flows will be conveyed to West Point Treatment Plant.



Proposed Work

A truck mounted drill rig will bore holes up to 220 feet below the surface. The boring holes will be stabilized with a dense grout material and two types of measuring equipment will be installed. An *inclinometer* will measure slope movement and *monitoring wells* will measure groundwater conditions. The investigation involves up to eleven (11) borings. Additional borings will be conducted at a later time, as needed.

The investigations will provide:

- Information on soil and groundwater conditions along the proposed pipeline alignments
- Physical characteristics of the soil
- Instrumentation to measure slope stability and groundwater pressures.



What Neighbors Can Expect

- We will provide advance notice of geotechnical work.
- People may experience noise and traffic delays close to the work area.
- Work may occur in more than one area at the same time.
- Parking will be disrupted in areas where equipment is located.
- Each soil boring will take up to five days to drill.
- Each soil boring will be 6 inches in diameter and up to 220 feet deep.
- Staff is expected on site monthly for monitoring activities.



Drill rig

For more information about the upcoming geotechnical work, contact Monica Van der Vieren at 206-263-7301 or Monica.vandervieren@kingcounty.gov.

To learn more about the Magnolia CSO control project visit <http://www.kingcounty.gov/environment/wtd/Construction/Seattle/SMagnoliaCSOStorage>

ALTERNATIVE FORMATS AVAILABLE
206684-1280 / 711 (TTY Relay)