



Soil sample drilling in your neighborhood

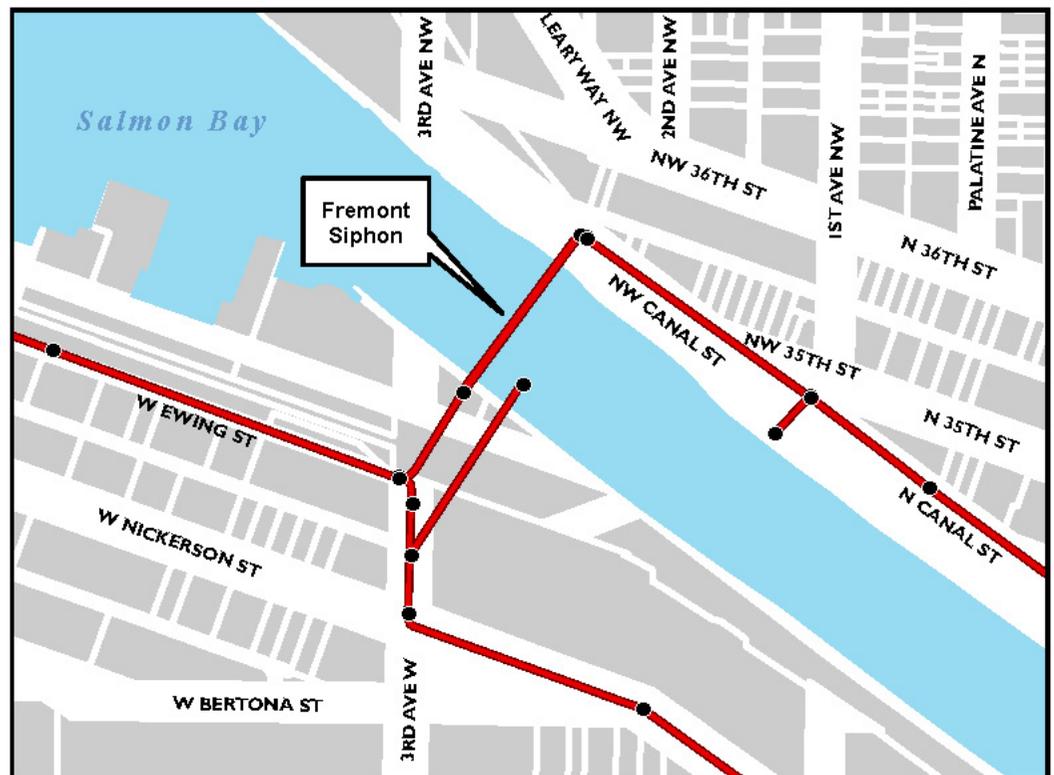
In July 2010, a King County contractor will perform soil sample drilling related to the Fremont Siphon Project.

Introducing the Fremont Siphon Project

King County protects public health and the environment by conveying and treating the region's wastewater. The Fremont Siphon, part of the conveyance pipelines that bring wastewater to West Point Treatment Plant, is located under the Lake Washington Ship Canal, west of the Fremont Bridge. The siphon pipes were installed in the early 1900's, and have provided wastewater conveyance service for the last 100 years. King County is in early planning stages for a project to rehabilitate or replace the siphon so that the system continues to provide safe, reliable service. During 2010, preliminary investigation work will occur as part of the planning process.

The Fremont Siphon is located under the Lake Washington Ship Canal, west of the Fremont Bridge.

On the project area map at right, the red lines represent both the Fremont Siphon, which crosses under the Ship Canal, and pipes conveying flows to and from the siphon. The dots represent access points and pipe connections.



Soil sampling and groundwater monitoring

Borehole drilling for soil samples will occur on both sides of the Lake Washington Ship Canal, in locations near West Ewing Mini Park on the west side and Fremont Canal Park on the east side. A water level monitor will be installed in each borehole. The results of the soil and groundwater level analysis will help guide the design team in developing appropriate options for siphon repair or replacement.

What to expect during borehole drilling

- The county contractor will use a truck-mounted rig to drill holes at various locations. Nearby residents and workers may hear some equipment noise.
- Drilling each hole will take one to two days, depending on depth.
- Drilling is scheduled to occur beginning the week of July 12 and will be completed by the end of the month. The drilling truck will operate between 8 a.m. and 5 p.m.
- When the crew is done, the site will be cleaned up and all equipment will be removed.
- Most work will take place in the public parks or county property and will be coordinated with the Seattle Parks & Recreation as needed. Work on private property will be conducted only with the owners' permission.
- Additional borehole samples may be done in the Lake Washington Ship Canal. This work would occur in late July or early August.



The Burke-Gilman trail passes over the north end of the Fremont Siphon.

For more information:

For questions regarding borehole drilling or other project information, please contact Monica Van Der Vieren at 206-263-7301 or monica.vandervieren@kingcounty.gov.

Visit the Fremont Siphon Project website at:

www.kingcounty.gov/environment/wtd/Construction/Seattle/FremontSiphon.aspx.

Alternative formats available: 206-263-6029 (voice) or TTY 711

Wastewater Questionnaire

King County would like to assess your understanding of wastewater facilities in your neighborhood. Please answer the brief questions below and mail back your answers by removing this page, folding in half, and taping closed with the address on the outside. Thank you!

1. Were you aware that King County has wastewater facilities in your area? If so, how did you learn about the county's facilities?

2. Do you have comments or questions you would like to share with King County's Wastewater Treatment Division?

3. Would you like to be included on a contact list for the Fremont Siphon project?

Name:

Address:

City, State, ZIP code:

Email:

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Place
stamp
here

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