



FREMONT SIPHON

replacement project



King County

Department of
Natural Resources and Parks
Wastewater Treatment Division

Project Update

June 25, 2015

Tunnel shaft construction starts at the Queen Anne site

King County's Fremont Siphon Replacement Project contractor is building the outer wall of the Queen Anne site tunnel shaft. Crews will drill holes 80 feet into the ground and replace the soil with four-foot wide concrete cylinders. The cylinders are called secant piles.

Secant piles lock together to create a watertight ring that controls groundwater. The ring at the Queen Anne site will be 26 feet wide. Controlling groundwater protects nearby utilities, roads and buildings from settlement.

Installing the secant piles is expected to take a month.

This work will increase noise and activity at the project's Queen Anne site. Drill rigs, concrete pumps and trucks will be working at the site daily. Equipment will access the site from 3rd Ave W and 6th Ave W.

What to expect:

- Work from 7 a.m. – 6 p.m. on weekdays
- Drills, pumps and trucks working on and around the Queen Anne project site
- Increased noise and activity
- Trucks entering and exiting the site from 3rd Ave W and 6th Ave W
- Ship Canal Trail remains open
- Environmental Labs parking lot remains open (no access from W Ewing St)



Secant piles interlock to create a watertight ring that controls groundwater.



For more information

Call the 24-hour project information line:

206-205-5428

Visit: www.kingcounty.gov/fremontsiphon

Email: doug.marsano@kingcounty.gov

ALTERNATIVE FORMATS AVAILABLE
206-477-5371/ 711 (TTY Relay)