



To ensure safe and reliable operations and provide wastewater capacity for the future, King County is replacing the Juanita Bay Pump Stations in Kirkland. In our September 2005 newsletter, we reported that the most disruptive work on the Juanita Bay Pump Station project would occur during the first year or so of the two and one-half year construction period. We are over half way through completion of the most disruptive work phase. Thank you again for your patience and cooperation.

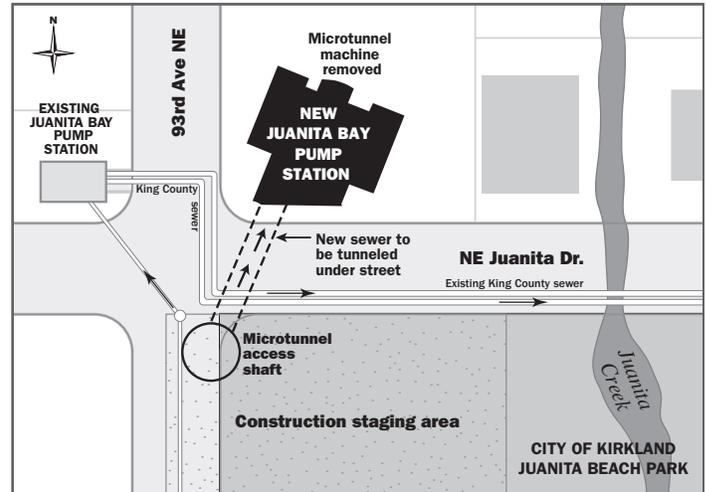
## Piling installation finished!

King County's contractor has been drilling secant piles (70-ft deep vertical holes filled with concrete) since November 2005. This activity has required long work hours, including work on Saturdays. Over 80 secant piles have been drilled to create the shoring and part of the foundation wall for the new pump station. The wall will support the surrounding soil while the soil inside is excavated over the next few months.

## Project enters new phase

The project is now entering a new phase of work: excavation and construction of the pump station foundation, excavation of the microtunnel access shaft, and microtunneling to install a new sewer. Construction crews will be working in both the staging area and on the pump station site. Many trucks will be required to haul dirt away from the sites. Activities will include:

- **Excavating the pump station foundation** and hauling soil from the site using trucks with trailers for several weeks.
- **Cleaning/shaving the secant piles** as the hole is excavated, to form a smooth surface for waterproofing the pump station walls. This work may involve noisy operations.
- **Excavating the microtunneling access shaft in the staging area.** This shaft will be approximately 25 feet wide and 40 feet deep.
- Each of these activities will last several weeks and occur mostly during weekdays.



## What should you expect?

- Starting in June and continuing through the summer, regular work will generally be Monday to Friday from 7 a.m. to 7 p.m. Occasional Saturday work may be required to complete certain tasks or clean up the site.
- Periods of noise, activity and some vibration will continue on the pump station site and staging area during the work days.
- Some late night work, lasting about a week, may be required in mid- to late June, while the new sewer is microtunneled under Northeast Juanita Drive.
- More trucks will be in the area to remove excavated soil.
- Temporary lane closures on Northeast Juanita Drive and 93rd Avenue Northeast may be required to accommodate truck traffic. Look for directional signs, flaggers and use extra caution.
- The temporary access road off Northeast Juanita Drive through the construction staging area will remain in use.





## King County

Department of Natural Resources and Parks

### Wastewater Treatment Division

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## Juanita Bay Pump Station Replacement Project

# CONSTRUCTION PROGRESS REPORT

Alternate Formats and Disability Accommodations  
by calling 206-263-6029 or TTY Relay: 711.

# Construction Progress Report

*Look Inside for Summer Construction Schedule!*

## Juanita Bay Pump Station Replacement Project

### **MORE INFORMATION?**

- Call the 24-hour construction hotline at 206-205-3898.
- Request e-mail updates by sending a message to [jennifer.kauffman@metrokc.gov](mailto:jennifer.kauffman@metrokc.gov).
- Visit King County's Web site at <http://dnr.metrokc.gov/wtd/projects/Juanita>.
- Let us know if you'd like to meet with the contractor and county construction managers to learn more about the project. Send an e-mail to [jennifer.kauffman@metrokc.gov](mailto:jennifer.kauffman@metrokc.gov) or call the hotline.