

December 2005

Construction continues!

To ensure safe and reliable operations and provide wastewater capacity for the future, the King County Wastewater Treatment Division is replacing the Juanita Bay Pump Station in Kirkland. King County's contractor, MidMountain Contractors, Inc., has prepared the pump station site and staging area for construction, completed installation of new utilities in 93rd Avenue NE, and drilled several wells to monitor and control ground water levels.

Project enters most intense phase

As reported in the September 2005 newsletter, the most disruptive work, which includes construction of the pump station foundation, will take place during the first year or so. This work includes building the pump station foundation using a method called secant piling, followed by microtunneling a new sewer from the staging area in Juanita Beach Park to the new pump station site. The contractor's current schedule calls for the most intense work to occur from now through Spring 2006.

Secant piling will last until Spring 2006

In November, the contractor drilled the first secant test piles to the final depth of 70 feet. Secant piles are vertical holes drilled into the ground and filled with concrete. The piles will be placed next to one another and overlapped or interlocked to form a circular wall. The wall will hold back surrounding soil while the inside soil is excavated.

A total of 82 secant piles will be drilled. Drilling rigs, cranes, concrete trucks and pumps, and other equipment will be brought to the site.

What should you expect?

Neighbors can expect large equipment, lots of activity, and increased noise and vibration from the site. Workers will continue to monitor settlement and vibration sensors. Trucks will deliver concrete and other materials and remove dirt from the site.

Longer than normal work hours may be required to complete drilling and concrete injection before the concrete sets up. To date, most construction work has occurred between 7 a.m. and 5 p.m. weekdays. During secant piling (for the next four to six months), you can expect the contractor to work from 7 a.m. to 7 p.m.

Adverse weather or equipment breakdowns may require the contractor to work until 8 p.m. some evenings and some Saturdays from 9 a.m. to 6 p.m., as allowed by the building permit. Extending work hours when needed helps us complete the project as soon as possible. Work after 8 p.m. or on Sundays will only be performed in the event of an emergency.

Please call the 24-hour hotline promptly (206-205-3898) if a problem or concern should arise. Staff will be paged and will respond promptly. King County will report progress and provide updates. We appreciate your patience and cooperation.





King County

Department of Natural Resources and Parks

Wastewater Treatment Division

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Juanita Bay Pump Station Replacement Project

CONSTRUCTION OF PUMP STATION FOUNDATION BEGINS

Information Inside!

Alternate Formats and Disability Accommodations
by calling 206-263-6029 or 711 (TTY).

Information on Construction of Pump Station Foundation Inside!

Juanita Bay Pump Station Replacement Project

MORE INFORMATION?

- Call the 24-hour construction information line at 206-205-3898.
- Request e-mail updates by sending a message to jennifer.kauffman@metrokc.gov.
- Visit King County's Web site at <http://dnr.metrokc.gov/wtd/projects/Juanita>.