## Juanita Bay Pump Station Replacement Project CONSTRUCTION UPDATE

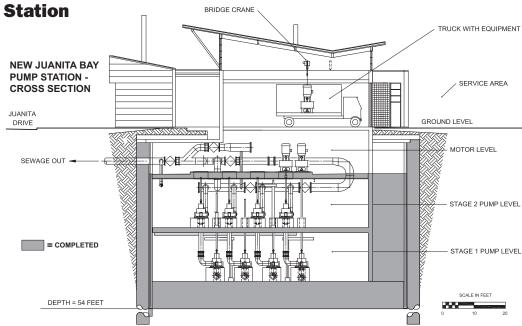
May 2007

To ensure safe, reliable wastewater services for a growing population, the King County Wastewater Treatment Division is replacing the Juanita Bay Pump Station. The new pump station will protect public health in your community for the next 40 years.

## The Juanita Bay Pump Station Foundation: Not Your Average Basement

Most of a wastewater pump station's work occurs underground, so that's where most of the Juanita Bay Pump Station resides. Equipment on each of the pump station's three underground levels will help to transport millions of gallons of wastewater to the South Treatment Plant in Renton every day.

The bottom level is the station's wet well, where wastewater enters the station.



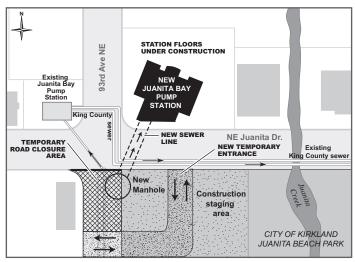
- The wet well and second level house the station's eight pumps, which will lift wastewater 40 feet up from the wet well to the pump station's exit pipes.
- The station's eight 250-horsepower pump motors on the third level provide enough power to pump more than 30 million gallons of wastewater towards the South Treatment Plant daily.
- The pump station's only above ground level holds a bridge crane that can carry machinery weighing up to five tons.

Crews will work on the final ground level of the pump station later this year, after completing major work on the three levels below ground.

### **Restoring Juanita Beach Park**

Crews completed a new manhole and sewer pipeline and removed dewatering equipment in Juanita Beach Park earlier this spring. The Juanita Bay Condominium access road and parking lot improvements will occur after the new sewer line is connected to the new pump station.

To protect public safety, King County urges park users and pedestrians to avoid entering the staging area or the park west of Juanita Creek for the duration of the project.





Department of Natural Resources and Parks **Wastewater Treatment Division** 201 S. Jackson St., KSC-NR-0505 Seattle, WA 98104-3855

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### Juanita Bay Pump Station Replacement Project

# MAKING PROGRESS – BELOW GRADE LEVELS NEARLY COMPLETE!

### Juanita Bay Pump Station Replacement Project

### **What to Expect**

This summer crews will build the ground level of the pump station and continue work inside the structure. Crews will also install shoring and excavate trenches to construct the pump station's air ducts.

- Work will generally occur 7 a.m. 5 p.m. on weekdays, and occasionally on Saturdays from 9 a.m. 6 p.m.
- Trucks will continue to deliver concrete and other materials to the work site. Please use extra caution when passing near the work area.
- Noise, activity and vibration typical of a construction site will continue during work hours.
- The new pump station is scheduled for completion in Spring 2008.

Thank you for your continuing patience during construction. Please call the 24-hour construction hotline with questions or concerns.

#### **More Information?**

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

by calling 206-263-6029 or TTY Relay: 711.