



**Kitsap County  
Public Works**  
614 Division Street (MS-26)  
Port Orchard, WA 98366

# Kingston Wastewater Treatment Plant Dedication Scheduled

*For immediate release June 8, 2005*

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## — NEWS RELEASE —

**Subject:** Kingston Wastewater Treatment Plant Dedication Scheduled

**Kill Date:** June 16, 2005

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### **PHOTO OPPORTUNITY**

**What:** Public Dedication Ceremony of new Kingston Wastewater Treatment Plant

**When:** June 16, 2005, 6:00 pm to 8:00 pm

**Where:** Enter site from South Kingston Road at Mahoney Lane NE

A dedication ceremony at Kitsap County's new Kingston Wastewater Treatment Plant is scheduled for Thursday, June 16, 2005. Tours of the facility are available between 6:00 p.m. and 8:00 p.m. A ribbon cutting by County Commissioner Chris Endresen begins at 7:00 p.m.

The new Kingston wastewater treatment facility, designed by CH2MHill and built by Stan Palmer Construction, is designed to treat average daily flows up to 292,000 gallons per day. This increases capacity 95% from the previous facility. This accommodates residential and commercial growth in the Kingston area for the next 20 years.

Built in conjunction with the new treatment plant and located on the old plant grounds, Pump Station #71 pumps all of the sewage generated in Kingston approximately 1.8 miles to the new plant. With the demolition of the old plant, the site will ultimately provide additional park opportunities for the Kingston community. Also included in the improvements was the construction of a new outfall into Puget Sound. The new pipe was located well outside the ferry corridor, and extends 165 feet below sea level.

Providing secondary treatment for sewage using an activated sludge process, the new treatment plant is referred to as an "Oxidation Ditch" system. In an oxidation ditch, wastewater and a mixture of activated sludge and sewage is pumped around an oval pathway by two rotating stainless steel brushes. Treated effluent from the oxidation ditch flows to a secondary clarifier where the sludge and sewage mixture thickens and settles by gravity. The top portion of clear treated water then flows to the ultraviolet light channel for final disinfection before being discharge to the outfall.

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