

KIRKLAND PUMP STATION AND SEWER UPGRADE PROJECT

As part of its mission to protect public health and the environment, King County is responsible for conveying and treating wastewater collected by 34 cities and local sewer agencies, including the City of Kirkland.

The King County Wastewater Treatment Division proposes to upgrade the Kirkland Pump Station at the corner of Third Street and Park Lane in downtown Kirkland, to increase capacity and ensure safe and reliable operations. The county also needs to increase capacity of the sewers that lead in and out of the pump station.

Need for Project

King County has operated the Kirkland Pump Station for more than 40 years. The pump station needs to be upgraded to:

- Replace aging pump station equipment and sewer lines to ensure safe and reliable operations.
- Increase pumping capacity to accommodate growth from 6 million gallons per day (mgd) to a peak capacity of 9.4 mgd.
- Meet current design standards, including odor and noise control.

Proposed Work

The Kirkland Pump Station is across the street from the King County Library and next to the Kirkland Transit Center, which will all be constructed within the next five years. The King County Wastewater Treatment Division is working with Sound Transit and the City of Kirkland to coordinate efforts and minimize impacts on the community and downtown businesses.

The pump station and sewer improvements will be constructed in phases, in coordination with these other agencies:

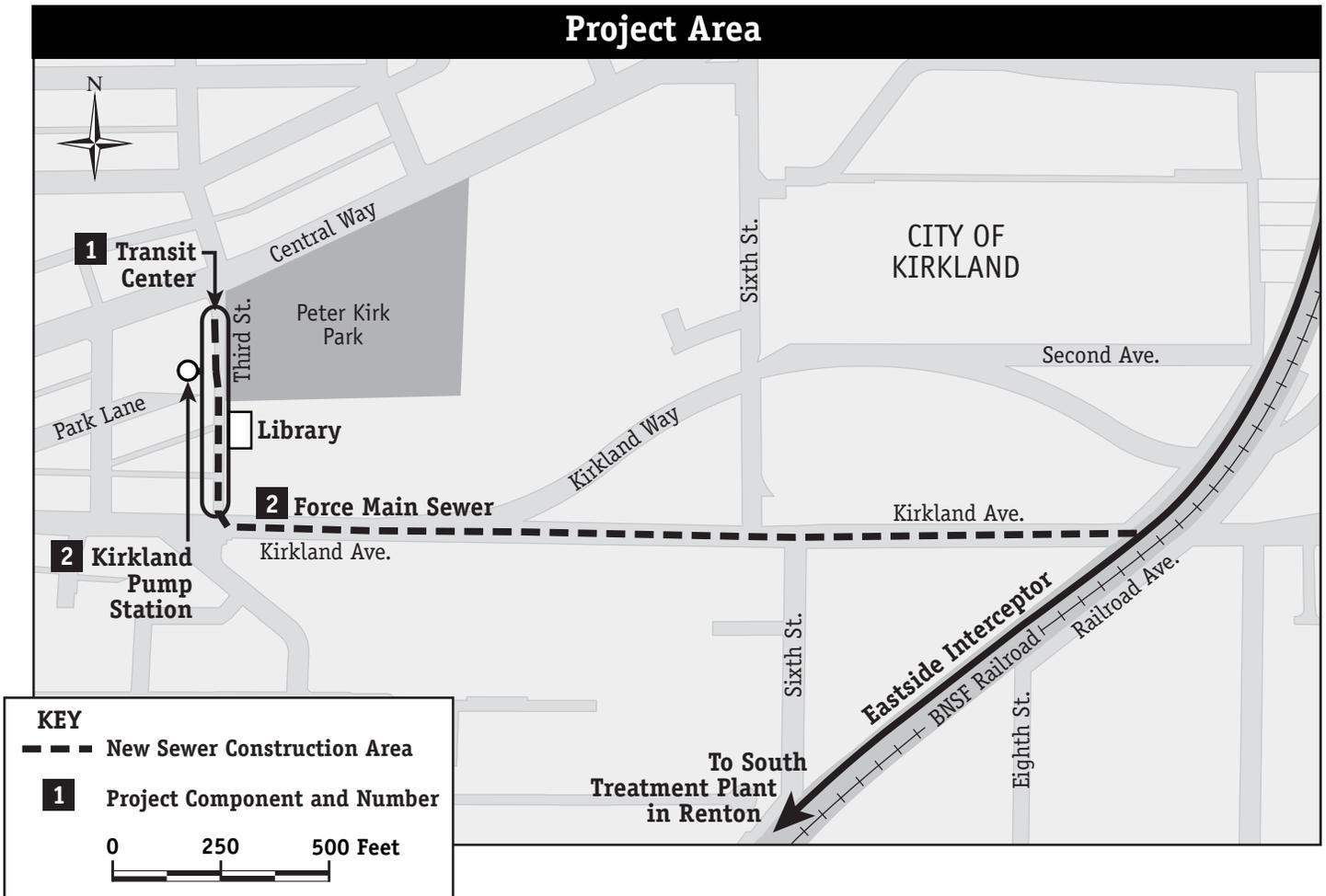
- 1 Transit Center and sewer construction on Third Street.** Construction of a section of pipeline underneath Third Street, between Central Way and Park Lane. This portion of the project will be completed by Sound Transit in conjunction with the new Kirkland Transit Center starting in fall 2009 and ending fall 2010.
- 2 Pump Station and sewer construction along Kirkland Avenue.** Construction of the pump station upgrades and downstream pipeline by King County will follow the transit center construction, from fall 2009 to fall 2012. The new sewer will run from the pump station south under Third Street to Kirkland Avenue, and down Kirkland Avenue to the railroad right-of-way near Eighth Street.

Modifications to the county's Kirkland Pump Station will include: replacing pumps, odor control equipment, and emergency generator; electrical system upgrades; modernization of control instrumentation; and improvements to the building's exterior.

Background

- The existing pump station was built in the late 1960's.
- The pump station receives flows from downtown Kirkland and pumps it east to the main conveyance pipe which takes the wastewater to King County's South Treatment Plant in Renton.

Project Area



Project Schedule	
2007 – 2009	Pump station and sewer predesign, environmental review
Fall 2009 – 2010	1 Sound Transit constructs Kirkland Transit Center and the sewer and water main pipeline on Third Street
Fall 2010 – 2012	2 County constructs Kirkland Pump Station upgrades and force main sewer on Kirkland Avenue

Your comments and ideas are welcome

King County will coordinate with Sound Transit and the City of Kirkland to coordinate design and to minimize impacts to the community from construction activities. King County's public information and involvement activities will continue through design, construction and operation of the facilities.

For more information:

- Contact **Jennifer Kauffman** at **206-263-6029** or jennifer.kauffman@kingcounty.gov
- Visit the project Web site at: <http://dnr.metrokc.gov/wtd/projects/kirkland/>



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