



King County



DEPARTMENT OF
ECOLOGY
State of Washington

BALLARD SIPHON

Replacement Project

Department of Natural Resources and Parks • **Wastewater Treatment Division**

Community Information

AUGUST 2011

PROJECT UPDATE

Ballard Siphon Construction Begins Summer 2011

(Construcción de Sifón de Ballard Comienza el Verano 2011)

Timeline

Summer 2011 – December 2013

Construction locations

North site: 5110 Shilshole Avenue Northwest, Seattle

South site: West Commodore Way and 24th Avenue West, Seattle

Typical work hours

Monday – Friday, 7:00 a.m. to 5:30 p.m.

24-hour project hotline

206-296-3848 (para más información)

Project web page

<http://www.kingcounty.gov/environment/wtd/Construction/Seattle/BallardSiphon.aspx>

Project Overview

King County is installing a new 84-inch siphon pipe under Salmon Bay between the Ballard and Interbay areas of Seattle. The new siphon will lie 120 feet underground and connect the Ballard Regulator Station to the North Interceptor in Interbay (see map). Wastewater from north Seattle will be conveyed through the new pipe to King County's West Point wastewater treatment plant in Magnolia. The pipe will reduce potential for sewer overflows into the Ship Canal and meet north Seattle's wastewater conveyance needs into the next century.

After excavating vertical shafts at the Shilshole Avenue Northwest (north) and West Commodore Way

(south) sites, King County's contractor will use a tunnel boring machine to dig the new siphon's pipe corridor roughly 60 feet beneath Salmon Bay. The existing siphon will be cleaned out and relined during this project, and support equipment for the new pipe will be installed at the Ballard Regulator. Construction will finish in late 2013.

Traffic Impacts

Starting in late summer 2011, the Shilshole Avenue Northwest northern sidewalk will be closed between 20th Avenue Northwest and Northwest Dock Place. (see map on reverse)

Additional detours along Shilshole Avenue Northwest will be necessary in 2013. Traffic detours will also be necessary on West Commodore Way at the south project site in summer 2012. More information about these detours will be available later.

What to Expect in Summer 2011

North site

(Shilshole Avenue Northwest)

- Crews, equipment and noise typical of a construction site
- Existing building on site demolished
- Sidewalk closed between Northwest Dock Place and 20th Avenue Northwest
- Additional truck traffic on Shilshole Avenue Northwest

South site (West Commodore Way)

- Crews and equipment on site to install contractor facilities and sedimentation/erosion control equipment



PROJECT SCHEDULE

August 2011	Mobilize sites
Fall 2011	Existing building demolished on north site Shaft shoring installed
Fall 2011 - Summer 2012	Tunneling machine access shafts excavated
Summer - Early Fall 2012	Junction structure constructed at south site Traffic detours begin on West Commodore Way
Summer 2012 - Winter 2013	Tunneling
Spring - Summer 2013	Regulator structure added at north site
Fall 2013	Existing siphon relined Traffic detours begin on Shilshole Avenue NW New siphon connected to conveyance system
December 2013	Complete restoration Final inspection Project closeout

Alternative Formats Available

206-684-1235 (voice)
or 711 (TTY)

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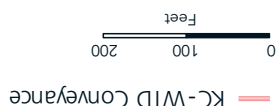
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Ballard Siphon
North Work Site Map

