

# Puget Sound Beaches

## CSO CONTROL PROJECTS



**King County**  
Department of  
Natural Resources and Parks  
**Wastewater Treatment  
Division**

NORTH BEACH PROJECT UPDATE • MARCH 2011

## King County Makes Progress on CSO Control in North Beach

King County Wastewater Treatment Division is moving forward toward our goal to reduce Combined Sewer Overflows (CSOs) from the North Beach Pump Station located on Triton Drive N.W. CSOs occur during large storms when heavy rains fill the sewer pipes, exceeding system capacity.

### What We've Been Doing

The project team let the North Beach community know about King County's project recommendation by mail in October 2010. On October 19, we met with interested community members at Loyal Heights Community Center to talk in more detail about the project, answer questions, and let people know how we will work with the community throughout design and construction. The presentation and meeting summary, including what we heard from the community, can be found at <http://www.kingcounty.gov/CSOBeachProjects>.

King County's team prepared and submitted a Draft Facility Plan for review by the Washington Department of Ecology in December 2010 (also available on the Web). We are now carrying out environmental analysis for the upcoming environmental review process. We will be issuing a threshold determination under the State Environmental Policy Act (SEPA) followed by a public comment period.

### Following Up on Your Questions

During our conversations with the North Beach community in 2010, people asked questions about existing King County facilities at North Beach that are not included in the current CSO control project.

Can King County eliminate the second North Beach outfall? The North Beach Pump Station uses two outfalls when peak flows exceed system capacity. In summer 2010, King County analysis showed that discharges through the beach outfall could be not completely eliminated without creating potential for backups into homes during peak events. Even though the new CSO storage facility will reduce the frequency CSO discharges through both outfalls, a new, larger deepwater outfall would be needed to accommodate all CSO volumes. A future outfall project would be prioritized along with all other capital projects.

When will King County need to replace the North Beach Force Main? The North Beach Force main is a pipe running from the North Beach Pump Station to Carkeek Park Wet Weather Facility. King County will be identifying and evaluating approaches for inspecting the North Beach force main to obtain a current estimate of remaining service life. Since the force main is buried in tidelands and is the only conveyance line from North Beach Pump Station to Carkeek, the inspection requires special permits as well as specialized technologies. We will provide the community updates as this work progresses.



### 2011 SCHEDULE

Environmental Review under SEPA

Design Team Formed

January

February

March

April

May

June

July

August

September

October

November

December

December 30, 2010 - Draft Facility Plan submitted to Ecology

Facility Plan Approved

First Community Meeting  
in Early Design Phase



**Department of  
Natural Resources and Parks**  
**Wastewater Treatment Division**  
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# North Beach CSO Control Project March 2011

*Creating Resources from Wastewater*

## Next steps

In late March 2011, environmental review will be completed under the State Environmental Policy Act (SEPA), and a threshold determination will be issued followed by a public comment period. Environmental review must be completed prior to approval of the Draft Facility Plan by Ecology. For information contact Sue Meyer at 206-684-1171 or [sue.meyer@kingcounty.gov](mailto:sue.meyer@kingcounty.gov)

In late summer or early fall, King County will hire a consultant team and enter the design phase for the CSO control facilities. The project team will provide updates and continue working with the community throughout project design.

## For more information

Visit the project Web at [www.kingcounty.gov\CSOBeachProjects](http://www.kingcounty.gov\CSOBeachProjects)  
OR Contact Monica Van der Vieren at 206-263-7301 or [monica.vandervieren@kingcounty.gov](mailto:monica.vandervieren@kingcounty.gov)

## Alternative Formats Available

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