



During Spring 2010, the CSO Beach Projects team will review these alternative means of accomplishing CSO control. Public input will help to inform King County's decision on a proposal for CSO Control in each project basin. The proposal will then go through the environmental review process required by state law.

How You Can Participate

- Visit the CSO Program Web page to learn about King County's work to reduce combined sewer overflows
- Visit the CSO Beach Projects Web page www.kingcounty.gov/CSOBeachProjects
 - learn about work in Barton, Murray, Magnolia, and North Beach area
 - give feedback online until April 16
- Attend public meetings to view presentations, ask questions, and provide feedback
- Contact us:
 - E-mail CSOBeachProjects@kingcounty.gov
 - Contact Monica Van der Vieren at 206-263-7301

Alternative Formats Available

206-684-1280
TTY Relay: 711

Printed on recycled paper.
Please recycle.

1002_1323_CSObeach_NBeachBOOK.indd mdev

W2021

Creating Resources from Wastewater



King County Presents Alternative Means for Combined Sewer Overflow Control in West Seattle and North Seattle

Learn More and Provide Input at Public Meetings

Barton
March 18, 2010
6-8:30 p.m.
Southwest Community Center
2801 S.W. Thistle St., Seattle

Magnolia
March 23, 2010
6-8:30 p.m.
Magnolia Community Center
2550 34th Ave. W., Seattle

Murray (Morgan Junction)
March 29, 2010
6-8:30 p.m.
Southwest Community Center
2801 S.W. Thistle St., Seattle

North Beach
March 30, 2010
6-8:30 p.m.
Loyal Heights Community Center
2101 N.W. 77th St., Seattle

King County's CSO Beach Projects team has identified several alternative means for CSO control in the Barton, Murray, North Beach and Magnolia areas. In areas where stormwater and sewage flow in the same pipe, overflows into waterways can occur during heavy rains. CSO control projects will help manage peak flows from areas of Barton, Murray, North Beach and Magnolia connected to the county's CSO facilities, limiting overflows of untreated stormwater and sewage to Puget Sound.

In public meetings during Fall 2009, the project team presented approaches for CSO control, including conveyance, storage, on site treatment and stormwater reduction (demand management). People were informed about the upcoming development of CSO control alternatives and opportunities for public participation.

Inside, you will find information about alternatives for CSO control for the Barton basin and opportunities to attend public meetings and provide input.

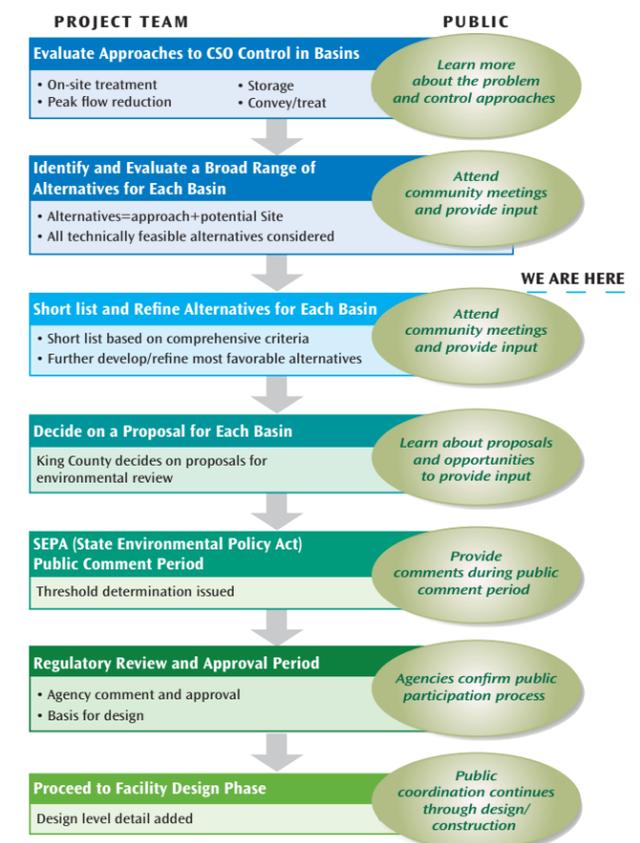
King County will decide on a proposal for CSO control in each of the four project basins: Barton, Murray, North Beach, and South Magnolia. The public will have opportunities to inform the county's decision process.

This diagram will help you keep track of the decision process and opportunities to participate



The King County Wastewater Treatment Division (WTD) provides high quality regional wastewater service. As part of WTD's mission to protect public health and the environment, the Combined Sewer Overflow (CSO) Program has worked to reduce overflows of combined stormwater and sewage since 1980. King County has reduced CSO volume from 2.3 billion gallons per year to less than 1 billion gallons per year.

For more information: www.kingcounty.gov/CSOBeachProjects

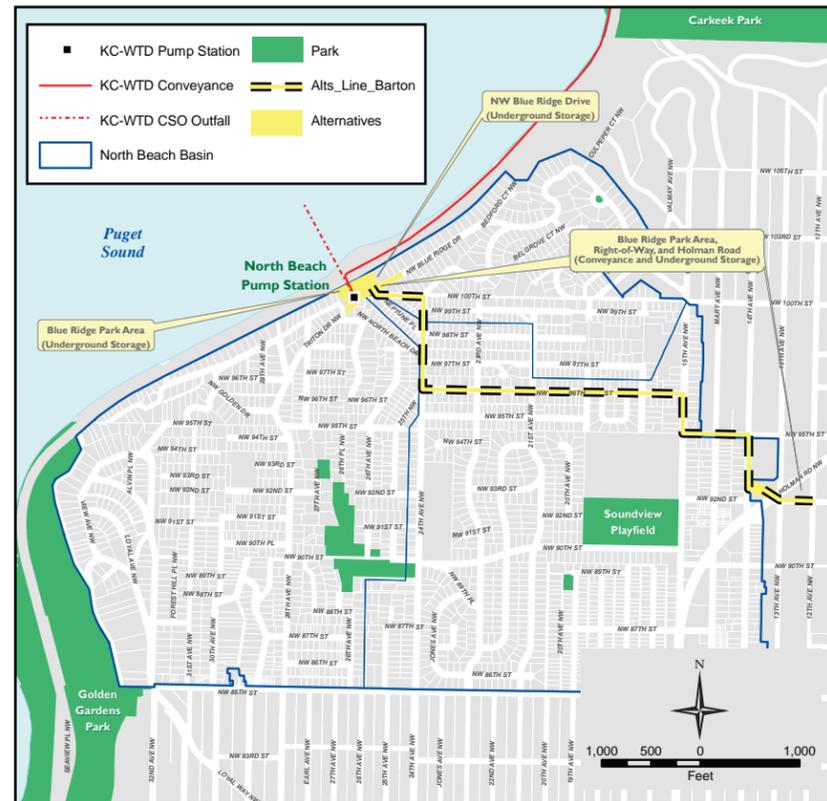


WE ARE HERE

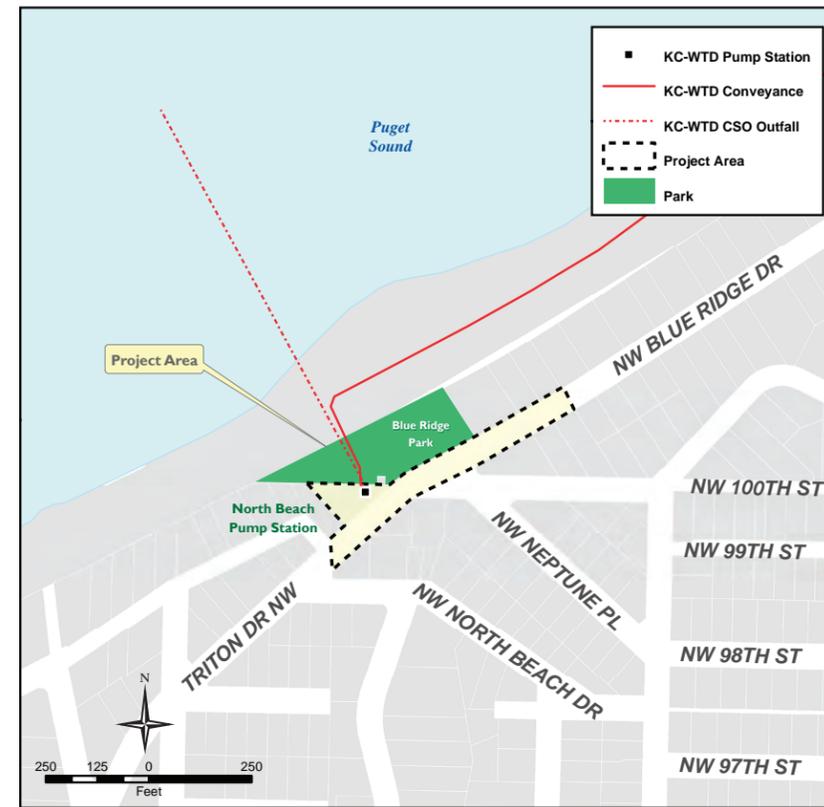
Alternatives means for CSO control in North Beach Basin

In 2008, King County reported that the North Beach CSO facility has 10 overflows per year on average that discharge a total of 2.2 million gallons into Puget Sound from the outfall off North Beach. Alternative means being considered must be capable of managing a volume of about 230,000 gallons of peak flows in order to meet regulatory requirements.

Location of alternative means for CSO Control in North Beach Basin.



NW Blue Ridge Drive (underground storage)



Project Elements

- Underground storage pipe in street right-of-way
- Above ground odor control and electrical facilities located on existing county property

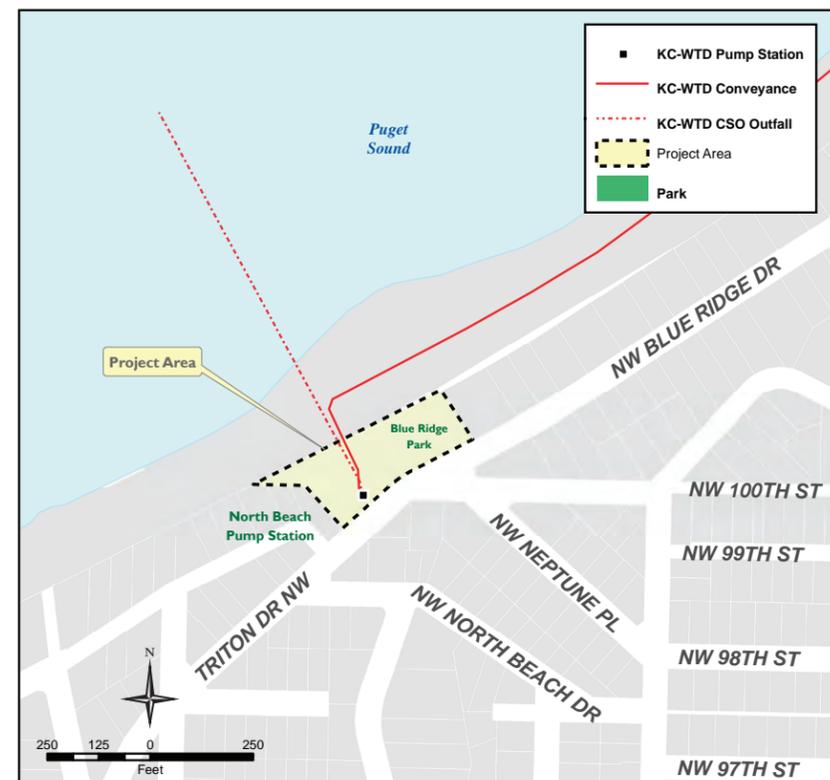
Benefits

- Facility location where peak flows can be captured
- Single facility similar to other King County operating facilities

Challenges

- Limited street and park access during construction
- Operations and maintenance activities will require intermittent street access and result in some traffic disruptions
- Some potential for cultural resources issues

Blue Ridge Park (underground storage)



Project Elements

- Underground storage tank in Blue Ridge Park
- Above ground odor control and electrical facilities; may be partially located on existing county property

Benefits

- Facility location where peak flows can be captured
- Single facility similar to other King County operating facilities
- Efficient, safe access for operations and maintenance staff

Challenges

- Easement or acquisition of private park required
- Requires shoreline permit
- Access to Blue Ridge Park restricted during construction

Blue Ridge Park to Crown Hill via Holman Road (conveyance and storage)

Project elements

- Pump station in Blue Ridge Park
- Above ground odor control and electrical facilities
- Underground storage tank in Blue Ridge Park
- New force mains from pump station to Holman Road NW
- Gravity sewer to 8th Avenue Interceptor
- Drop structure on Seattle Parks property at Crown Hill

Benefits

- May improve performance of Carkeek Pump Station
- Facility located where peak flows can be captured
- Similar to other King County operating facilities
- Efficient, safe access for operations and maintenance staff

Challenges

- Easement or acquisition of private park required
- Extensive work in right-of-way will result in traffic disruptions during construction
- Requires shoreline permit
- Access to Blue Ridge Park restricted during construction
- Use of Seattle Parks property required for this alternative

