

# Barton Combined Sewer Overflow (CSO) Control Project

March 2013 Project Update

## Design refinements and first steps toward construction

The Barton CSO Control project team has spent the last few months finalizing the street designs for bioretention swales that King County will build in the planting strips between the sidewalk and the curb on selected streets in the Sunrise Heights and Westwood neighborhoods. Water that enters a bioretention swale will filter through special soils and plants to an underdrain. From the underdrain, the water travels to a well that carries it deep underground, away from basements and crawl spaces. The bioretention swales will reduce the amount of street runoff entering the combined sewer pipes, thereby reducing sewage and stormwater overflows (called CSOs) into Puget Sound near the Fautleroy ferry dock.

Thank you to all the neighbors who have attended meetings, called or emailed the project team, or otherwise taken the time to stay informed and engaged in this important project! Your input has shaped the project's final design.

Barton CSO Control Project Area, Updated February 2013



## 15 streets selected for initial construction

Based on continued technical analysis, the project team has identified 15 blocks for initial construction, with plans to monitor and add up to 4 more blocks if needed. (see map at left). King County selected the 15 blocks based on multiple criteria, including:

- Ability to capture enough stormwater to reduce CSOs at the Barton Pump Station.
- Existing soil conditions.
- Potential impact to existing trees.
- Community input.
- Project construction costs.

### Want to discuss the project or talk trees?

Please contact Kristine Cramer at (206)-263-3184 or [kristine.cramer@kingcounty.gov](mailto:kristine.cramer@kingcounty.gov)

Visit the Barton CSO web page:

[www.kingcounty.gov](http://www.kingcounty.gov) and search "Barton CSO"

## 2013 Construction Preparation: Utility Adjustments and Tree Transplanting

King County will complete street designs this spring, which include details about new and transplanted trees and locations for water and gas line adjustments. Gas line service adjustments will occur in 2013, with water adjustments to occur in either 2014 or 2015. If your gas line is impacted, King County will contact you prior to work starting by Puget Sound Energy. Trees will be transplanted in fall 2013. Tree removal will primarily occur in 2014 and 2015.

### Talk to Us about Your Street Trees!

Some existing street trees will need to be removed or transplanted to make room for the bioretention swales. In January, King County contacted homeowners who have street trees in the planting strips in front of their homes that will be removed or transplanted. We need to hear back from those of you we contacted if:

- You want to have the street tree that is scheduled to be removed from the planting strip in front of your property. King County will place the prepared tree at the edge of your property, but you are responsible for replanting the tree. Unclaimed healthy trees will be donated to a local non-profit.
- You do *not* want the street tree that is slated to be moved to the planter strip in front of your home. Some trees will be replanted in planter strips that are not slated to have bioretention swale. Unless you tell [Replanting a healthy tree](#) us you do not want the tree, these trees will be placed according to the designs.



### RainWise

RainWise will be available to homeowners in the Barton basin starting this spring. This voluntary program provides rebates of up to 100% to homeowners who install a rain garden and/or cistern on their private property to manage stormwater runoff. Watch for a letter in the mail with information about RainWise and how to sign up. Learn more at [www.rainwise.seattle.gov](http://www.rainwise.seattle.gov).



[Rain garden on private property](#)

### What's Next

Construction of the bioretention swales will begin in 2014. Construction logistics planning is now underway and the project team will be making decisions about the following topics:

- When construction will begin on each street.
- Estimating how long construction will last on a given street.
- What impacts residents can expect, such as a partial street closure or parking restrictions during active construction.
- Preparing for post-construction maintenance of the bioretention swales.

Watch for a project newsletter later this spring with details on the final design, an update on the operations and maintenance plan, and information on construction impacts and how to prepare for construction.

**ALTERNATIVE FORMATS AVAILABLE**

**206-684-1280 or 711 (TTY Relay)**