



**COMMUNITY BRIEFING SUMMARY**

**Thursday, March 21, 2013, 6:00 p.m.-8:30 p.m.**

**Elliott Bay Marina**

**2601 West Marina Place, Seattle, WA 98199**

**Meeting Overview and Purpose**

King County's South Magnolia Combined Sewer Overflow (CSO) Control Project team held a briefing for the Elliott Bay Marina on Thursday, March 21st, to provide marina staff, area business managers and boat owners with updated information on the project. King County's presented the latest information on the design of the storage facility, conveyance pipeline options, the schedule for construction and ways community members can remain informed and involved with the project throughout construction. The South Magnolia team had also provided earlier briefings to the group during design phases of the project.

**Presentation and Discussions**

Shahrzad Namini, Project Manager, and Monica Van der Vieren, Community Services Lead, welcomed community members to the briefing. Eight community members attended the briefing, which was hosted by Elliot Bay Marina for its businesses and tenants.

The South Magnolia CSO Project is one of the four projects that are being implemented to reduce CSOs. The four projects, South Magnolia, North Beach in north Seattle, Barton and Murray in West Seattle, are priorities because of their proximity to recreational areas.

The King County Wastewater Treatment Division is working to complete the South Magnolia CSO Control Project within the deadlines established by the Washington Department of Ecology (Ecology). In the West Point National Pollutant Discharge Elimination Permit (NPDES), Ecology established deadlines for King County to meet current overflow standards, which limit untreated CSO discharges to Puget Sound to no more than one per year on a long-term average. The project should be completed in 2015 to meet compliance deadlines established by the United States Environmental Protection Agency.

The South Magnolia CSO Project design was submitted to Ecology at the end of 2012 and is currently under review. King County expects approval this summer with construction to begin in late 2013. The project is scheduled to take two years to complete.

The project includes a new underground CSO storage facility that will have a capacity to store 1.5 million gallons of combined storm and wastewater and will be located in the Port of Seattle's Terminal 91 West Yard. The project also includes an underground diversion



structure on 32<sup>nd</sup> Avenue West and a 3,000-foot gravity sewer line that will connect the storage facility with the diversion structure.

Before construction can begin, a number of remaining steps must be completed including finalizing the permitting process, preparation of contract documents, and contractor selection and approval. The team indicated that that it will be important to know about regularly scheduled events during construction so that King County can convey this information to the contractor. The County's construction team will work with the contractor and the community to reduce impacts where possible.

Jeff Lykken presented technical information about the project design and upcoming construction. He noted that the project will be divided into two separate but concurrent contracts.

Jeff noted that prior to tank construction, power will be required at the storage facility site. The closest power supply providing 3-phase, 220 volt power is in a vault near Palisades Restaurant, which will require trenching 2,000 feet along West Marina Place to install conduit from the site to the vault.

Utility work will include water pipeline installation under 23<sup>rd</sup> Avenue West and sewer pipeline connection from the storage facility to the existing South Magnolia Trunk sewer line on the Port of Seattle property. The sewer line connection will require open trenching under the Magnolia Bridge, with closures of one ramp at a time for this work. Work on the two ramps will take one to two days and could be scheduled late at night and on weekends to reduce impacts. Attendees commented that the work should be scheduled earlier in the week (Monday- Wednesday) rather than on weekends since Marina area activity is higher on the weekends, but low in the beginning of the week.

Jeff noted that the landscape and architecture of the storage facility was designed with community input and is set at the back of the site away from the shoreline in order to leave room for future park development or other uses. It is also positioned to minimize the facility's footprint in the shoreline and to allow room for future construction of the Magnolia Bridge.

Jeff described construction activities and sequencing. He noted the design has been changed to include a thick base slab to anchor the facility and prevent flotation. While construction of the base slab will require 24/7 concrete pours for several days, it will avoid months of pile driving that would have occurred in the original design. Installation of the



concrete slab will be followed with wall and top slab construction. The contractor will build an equipment facility on top of the tank and then install driveways, landscaping and fencing.

Construction staging will occupy almost the entire West Yard. The contractor will access the site only temporarily from 23<sup>rd</sup> Avenue. Most contractor traffic associated with the storage facility will enter via a modified entrance at the north end of the site, reducing truck traffic on 23<sup>rd</sup> Avenue.

People in the area will notice only intermittent operations and maintenance activities for the CSO control facility. The facility will be monitored remotely at all times from West Point Treatment Plant Main Control. King County Operations staff will visit regularly for routine inspection, testing and maintenance.

King County's contract for conveyance will describe two construction methods for pipeline installation, Horizontal Direction Drilling (HDD) and Direct Pipe (DP). King County is offering two installation options to increase the available pool of contractors and help meet a strict compliance deadline to reduce combined sewer overflows. Geotechnical analysis indicates soils are suitable for both installation methods.

The installation method will be known at the time of contract award, expected in late 2013. At that time, some construction options may be determined by the contractor, especially with the HDD method. If an HDD contractor is selected in the bidding process, King County will know which staging pullback option will be used on 32nd Avenue West when the selected contractor's submittals have been reviewed and approved.

### **Summary of Meeting Questions and Discussion Points**

An informal discussion of construction questions and impacts followed King County's presentation to the group.

An attendee who has been engaged throughout project design commended the County's project team for addressing a range of community issues and concerns raised during design development.

Elliot Bay Marina representatives indicated that email communications provided the best way to reach the community there. They provided phone numbers to call in the event of an after-hours issue or late-breaking information that might affect the marina area.



Attendees noted there were a large number of events throughout the summer that draw large crowds and heavy traffic. Elliot Bay Marina will provide to the County's team a list of regularly scheduled events to convey to contractors.

The Palisades Restaurant manager noted his business schedules events over the summer months including weddings and parties. He commented that patrons already experience some difficulty finding the restaurant due to the lack of signage and confusing roadways in the area. The County will review this concern and determine if directional signs are needed.

Concerns were raised about potential damage to the Magnolia Bridge ramps due to construction or truck traffic. Seattle Department of Transportation will require repair of damage to the right-of-way caused by construction equipment.

One person asked if the soccer fields would be shut down during construction. It will be necessary to close the fields because much of the property will be in use. She noted that the fields here are practice fields used in the summer, and are not used for tournaments. The team is working with the Seattle Parks Department to get teams moved around.

An attendee asked about the status of land use discussions involving the West Yard, and whether a park was being planned for the site. King County's property acquisition is at a stage where the project can be constructed, including a temporary construction easement to use the West Yard for construction staging. No final decision about the remainder of the West Yard property has been announced.

Meeting attendees noted that the architecture and landscape design of the CSO storage facility site would be an aesthetic improvement over the existing condition.

**How can I get more information about this project?**

Please visit the King County's web site at [www.kingcounty.gov/environment/wtd/Construction/Seattle/SMagnoliaCSOStorage](http://www.kingcounty.gov/environment/wtd/Construction/Seattle/SMagnoliaCSOStorage), or contact Monica Van der Vieren at 206-263-7301 or [Monica.Vandervieren@kingcounty.gov](mailto:Monica.Vandervieren@kingcounty.gov) if you have questions.