



**CREEKS, DRAINAGE AND WASTEWATER
CUSTOMER ADVISORY COMMITTEE
MEETING Summary
SMT 5965
May 11, 2011
5:00 – 7:00PM**

Administration:

- Members Present: Suzie Burke, Chris Hoffer, Tasya Gray, Cheryl Klinker, Brianne Cohen
- SPU Staff Present: Bruce Bachen, Dave Schuchardt, Mike Eagan, Sue Morrison
- Visitors Present: Mark Early (Ballard RORE citizen group), Caroline White

Meeting called to order at 5:15PM

April meeting notes accepted with one correction

AGENDA TOPICS:

CDWAC Business

Cheryl Klinker

Cheryl reminded members that the watershed forum taking place on June 8th will replace the normal CDWAC meeting.

Cheryl asked members if they would like to have July and August meetings. Members seemed to agree that not having summer meetings would be okay.

Duwamish Waterway Cleanup Progress

**Dave Schuchardt,
SPU Director's
Office**

Dave Schuchardt explained SPU's involvement in the Duwamish Waterway cleanup. The City is participating because it has partial liability. The primary city departments are SPU and SCL, with the Law Department helping out. SCL has electrical equipment that may have contained PCBs. SPU's CSO's and storm drains may have carried contamination to the Duwamish, and SPU owns contaminated land. The cleanup is being conducted by EPA and the Department of Ecology. Some action areas are joint agency actions in which SPU participates financially through cost sharing agreements, and SPU is, or will be, the lead on others. The second part of the superfund cleanup is compensating for all the years when there was no cleanup. This includes an effort to create habitat on cleanup sites.

There are 2 main projects in the Duwamish: Lower Duwamish Waterway and the East Waterway, (there is also a separate site on Lake Union: Gasworks Park sediments.) The lower Duwamish was listed as a superfund site in 2001 and includes about 441 acres. King County, City of Seattle, Boeing and the Port of Seattle conducted studies starting in 2001. The EPA will issue a record of decision to decide what cleanup actions will be done. Cost allocation will be done and then individual orders for



each action area will be signed. Risk drivers in the Duwamish include PCBs, arsenic, dioxin, and TPAH's. Cleanup will reduce risk in sediments by about 50%.

Slip 4 Status: This City, King County, and Boeing site is on schedule to begin cleanup this fall. Multiple technologies include removal, containment with cap, and allowing for natural recovery.

Terminal 117 Project: Led by the Port of Seattle with the City participating. Site has grown from a sediment area to include an upland area. Cost sharing agreements with the Port of Seattle include both sediments and uplands. Work in private yards and streets are a City responsibility (mostly SCL) and cleanup is estimated at about \$6.6 million.

Cleanups are being done because of risks to people. There are 12 alternatives being considered for the Duwamish ranging from less invasive to much more invasive, including dredging. There is a significant financial impact to the region both for the cleanup and for the disruption to economic activity which will be caused by the remedial work.

DWW Division Directors' Updates

Bruce Bachen

Capacity grant came through Department of Ecology to study what could be done to target vehicles that are not maintained and are therefore contributing toxins to the streets.

Broadview has been an area of backups. Projects are working on infiltration of stormwater leaking into sewer pipes. We are also looking at using existing pipes as detention.

Venema: Hiring a 3rd party hydrologist to review infiltration rates.

New Holly cross-connections: Included over 40 homes that were mistakenly connected so that wastewater was sent to the storm drain and out to Lake Washington without treatment. SPU worked with Seattle Housing authority and contractors. All fixes are being completed right now. This problem was identified by the Illicit Discharge Detection and Elimination program.

Ballard: Public meeting held January 24th regarding rain gardens, non-drainage, signage, mosquito breeding, property values, side slopes and level footing. The task force met from March 8th to April 26th. SPU agreed to do significant modifications to what was done last year. Some will continue to work as rain gardens. Some will be filled in. This will reduce capacity. The end result has been a learning process. SPU is making fixes to satisfy the community. Extensive work has gone into documenting lessons learned so that SPU can apply this knowledge to future projects.

Mark Early, Ballard neighborhood visitor, expressed concern that the proposed design calls for putting in more bio soil. He is concerned that the new design will look good, but will not do a CSO job. His other concern is expense.

Capitol Hill Water Quality Project aka "Swale on Yale"

Mike Eagan

This is now known as the Capitol Hill Water Quality Project. It will treat approximately two-thirds of the average annual stormwater volume from the 435 acre drainage area on Capitol Hill. The drainage area is about the same size as Lake Union. Storm water currently drains from Capitol Hill without treatment and flows into Lake Union. . This project will divert and treat approximately 188 million gallons of water



per year before it reaches Lake Union. The first phase of the project is scheduled for this fall and will include construction of conveyance pipes under the street that will provide the water to be treated in the swales. The initial swales will be built in 2013, and the last swales are scheduled to be completed in 2018.

SPU has performed community outreach, and met with REI and PEMCO. REI is happy to partner. Swale design concept will require loss of parking on one side of the street. There will be pedestrian crossways in the middle of the swales. The project is funded primarily by Vulcan (\$1 million), SPU (\$8 million) and a Department of Ecology grant (\$1 million).

Update Restore Our Waters Watershed Forum

Bruce Bachen

The Watershed forum is going in a bit different direction than what was originally discussed. Front end of the program has been shortened. The program will begin with introductory speakers and a presentation of the Urban Watershed Strategy. There will be two panels after that presenting information about projects and programs that involve the community in stormwater improvement. Roles for CDWAC Members include greeters and providing information to attendees. Members will wear badges to identify them as CDWAC members.

Wrap-up

All

- Around the table: Nataysha expressed concern about leakage at north Beacon Hill which creates ice when it freezes. Bruce asked Nataysha to email him with exact location.
- Cheryl reminded members that the Restore Our Waters Forum on June 8th will take the place of the June CDWAC meeting
- Meeting adjourned at 6:55PM.