



**CREEKS, DRAINAGE AND WASTEWATER  
CUSTOMER ADVISORY COMMITTEE  
MEETING Summary**

**SMT 5965  
February 9, 2011  
5:00 – 7:00PM**

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**Administration:**

- Members Present: Douglas Mora, Chris Hoffer, Brianne Cohen, Rick Bechtel, Natasya Gray, Cheryl Klinker, Michael Gentile, Nancy Malmgren, Suzie Burke
- SPU Staff Present: Bruce Bachen, Trish Rhay, Julie Crittenden, Sheryl Shapiro, Maria Coe, Susan Harper, Sue Morrison

Meeting called to order at 5:00PM

**AGENDA TOPICS:**

**CDWAC Business**

**Sheryl Shapiro  
Cheryl Klinker**

Introductions and welcoming of new members took place. It was also announced that two current members are retiring next month.

The advisory committee webpages have been updated.

November 10, 2010 CDWAC meeting notes were accepted with two corrections.

**DWW Division Overview and Updates**

**Bruce Bachen,  
Trish Rhay**

Trish Rhay provided a Drainage and Wastewater past, current and future look at Seattle including historical photos. Seattle is nearly 150 years old. In 1889 there were over 40,000 people in Seattle and there was no formal drainage and wastewater system. The main drivers for creating a sanitary sewer were the Seattle fire and a typhoid fever outbreak. Construction took place between 1890 and 1940 to create water and wastewater systems. Wastewater treatment facilities were developed in the 1950-1960's by King County Metro and the Westpoint treatment plant was built. SPU created the CCTV program in 1960 which allowed interior viewing of pipes. This was the first of its kind in the Country. The clean water act was enacted in 1972, and is even now a driver of how SPU runs its business. SPU has two NPDES systems (1 one for combined, 1 for separated stormwater). After CSO improvements were done, SPU looked at the impact to receiving water bodies and created three watershed plans to restore Thornton, Longfellow and Pipers creeks. There were no big initiatives in the 2000's. Now in 2010, Bruce and Trish are working to decide how to meet remaining challenges and would like input from the CDWAC committee. In the next decade SPU will need to address CSO



Control, meeting water quality standards, system capacity, new regulations, new ways of reducing impacts of stormwater, and the Duwamish cleanup. SPU is working to improve its management of existing capacity through more sophisticated control systems.

Bruce transitioned to water quality. His Division works closely with meeting NPDES storm water permit requirements. Looking forward, it is expected that requirements will change and SPU will end up with a new set of rules. It is a complex program that includes inspections, monitoring, education, treatment, code compliance that is designed to meet water quality standards. Now and in the future, SPU will focus on the effects of stormwater discharge.

### **Urban Watershed Strategy**

**Julie Crittenden**

Julie overviewed resource area goals and strategies including flow, water quality, physical habitat and sediment quality to improve the health of Seattle's creeks, wetlands lakes, Duwamish River, and Puget Sound. The intended uses of the Urban Watershed Strategy (UWS) are to provide a vision for the future, communicate SPU's work and accomplishments, inform future NPDES permit requirements, ROW restoration planning, pursue funding, account for growth and climate change, and contribute to other DWW goals. Envisioned UWS content would include a purpose and introduction, goals, methods to improve receiving waters, implementation plan and priorities, and basic action plans. Strategies related to flow include capturing rainfall before it becomes runoff, reducing impervious surfaces, and controlling runoff through drainage system maintenance. Strategies related to water quality are to establish, implement, enforce regulations for source control BMPs, provide education and outreach, influence a pollutant reduction policy, eliminate illicit discharges, construct stormwater treatment facilities, construct CSO facilities, and conduct actions in receiving water bodies. Habitat strategies include protecting and managing floodplains, repairing and replacing stream culverts, improving instream and terrestrial habitats and improving shoreline habitats.

### **Review Draft Workplan Topics**

**All**

Bruce Bachen overviewed the draft workplan. Additional contributions by committee members were made including interest in how SDOT is incorporating green stormwater infrastructure into its projects, use of permeable pavement, and what is being done to encourage less use of pesticides.

Cheryl Klinker asked new members what they would like to hear about. Topics could include more information regarding the Duwamish regional efforts and how SPU is coordinating, how CDWAC can participate in the watershed forum, and targeted coordinated outreach.

### **Wrap Up**

**Cheryl Klinker,  
Sheryl Shapiro,  
Bruce Bachen**

- Sheryl Shapiro announced an upcoming Water Week events, March 21-25 at Chief Sealth High School in West Seattle. Additional information on the activities and volunteer opportunities will be sent.
- Meeting adjourned at 7:00PM