

**Administration:**

- Members Present: Alice Lanczos, Rachel Cardone, Frank Metheny
- SPU Staff Present: Dave Hilmoe, Julie Burman, Jason Argo, Sue Morrison
- Review of April meeting notes. Accepted as written.

**AGENDA TOPICS:****Drinking Water Quality Report Update****Jason Argo**

Report has gone to printer. The font was changed to black throughout the report as a result of WSAC comments. The photo of Ray Hoffman was swapped out for a watershed photo. The glass and faucet photo order were reversed per WSAC. Some labeling on map was removed to improve readability. Caption was changed to "from watershed to water glass" (rather than water cup). Color contrast on chart/table was increased to enhance readability. Members agreed that the 2010 layout is readable and much improved. The report is scheduled to be mailed out the week of June 7<sup>th</sup>. Cost of the report is 32 cents, including mailing. This cost is slightly less than last year, which was about 37 cents. Julie added that there is value in staying with the same design, as it will help customers recognize the report as one from SPU this year and in the future. Notifications are going out in the bills right now to announce the water quality report is coming in June. Jason said the information from WSAC was useful and it made for a better report. Julie asked that Jason follow-up by bringing survey results and feedback to the committee.

**Drinking Water 6 year CIP (2011-16) Priorities****Dave Hilmoe**

The 6 year CIP is updated every year as a rolling outlook. Big projects that have been in the CIP are coming to completion (Water Quality Lab, reservoir covering, etc...). The last big project remaining to both be scoped and funded is the Morse Lake Pump Project. Overall, the CIP level is dropping. Focus going forward will be the distribution system (pipes). All of the transportation programs in the Seattle area have an impact on SPU's water facilities. The CIP does not account for emergencies; those would be funded on a case-by-case basis. There is a small place holder for storm impact.

Highlights: The distribution system covers essentially the City, and the transmission system is made up of the big pipes coming from the Tolt and Cedar rivers. The transmission system has been better maintained, and is better understood. The distribution system is not as well understood in terms of it's condition. A lot of the distribution pipes are very old. The leak and break rate is good right now, but as time goes by the rate will go up. Dave indicated focus on the distribution system now is strategic and asset planning; next will be the investment strategy.

The transmission system has been rather constant and low in problem, and manageable as far as a 6 year CIP is concerned. At critical junctures, the transmission system has been seismically fitted. The West Seattle reservoir is going into service in 1 month. Maple Leaf will go into service in 2012. Roosevelt will go out of service in late 2012. SPU will work with the Parks Department to determine uses for Roosevelt. SPU will still need about 150 feet for pipe lines on the south side of Roosevelt, even when the reservoir is decommissioned. SPU is

looking at the option of moving fluoridation from Landsberg to Lake Youngs output. This is estimated at 3 million dollars, and will be brought to SPU's asset management committee for consideration in August.

### **Imazapyr Update / Water Supply Update**

**Julie Burman and  
Dave Hilmoe**

As a result of the last WSAC meeting, a letter regarding support of Imazapyr use was drafted. The subgroup drafted letters to Councilmember O'Brien and the Mayor on behalf of all WSAC members. Copies of the letters are available at: [http://www.seattle.gov/util/About\\_SPU/Management/CitizenAdvisoryCommittees/WaterSystemAdvisoryCommittee/PresentationsReports/index.htm](http://www.seattle.gov/util/About_SPU/Management/CitizenAdvisoryCommittees/WaterSystemAdvisoryCommittee/PresentationsReports/index.htm). It's now in the City Council's court, and discussions are underway. Julie will brief WSAC through the process as she receives updates from Cindy Holtz.

The Cedar and Tolt are both full and have plenty of water to sell. Dave is hoping for a decent summer (sunny and 70 degrees). Demand has picked up over the last week. Snow pack is beginning to melt.

### **Ballard Clean and Line Pilot video**

**Dave Hilmoe**

SPU has a substantial amount of unlined cast iron pipe - approximately 700 out of 1800 miles of pipe. The technology piloted by SPU in Ballard, and shown in the video, goes into the pipes and first scrubs with a brillo pad like material. Then cement mortar powder, followed by water are run thru the pipe. Temporary mains are necessary during the relining process, but this is still cheaper than digging up streets. The pilot in Ballard was done in a couple of different locations. SPU learned during the pilot that the project work should be done March through November. It took 3+ months of testing and flushing to get PH to regular levels. A California contractor was used for the pilot, and relined about 2000+ feet. SPU has not done any other piloting since the Ballard. The next step would be to go to the demonstration scale by using a larger scale (10,000+ feet). It would also be best to develop this technology locally. It was asked if the pipes could be scrubbed, but not lined. Dave responded by saying the lining adds protection and structural support. He feels the pipe life in the Ballard pilot area has been extended about 50 years. This type of retrofit is one of the considerations that will be under review as a result of the distribution system strategic plan.

### **Wrap-up**

**Rachel Cardone**

Rachel said the next order of business is to review the remaining 2010 work plan. Rachel will send a meeting reminder before the next meeting asking that members let Sue know if they will be unable to attend a meeting. Alice, Rachel, Julie and Dave will meet before the next WSAC meeting to discuss the remaining 2010 work plan. Julie suggested that the committee also begin to talk about a summer field trip. Perhaps the Creeks, Drainage & Wastewater committee would be interested in combining on a fieldtrip.

Meeting adjourned at 5:50PM.