

Minutes
Seattle Water Supply System Operating Board
June 4, 2009
2:30– 4:30 p.m.

Mercer Island Council Chambers
9611 SE 36th Street
Mercer Island, WA 98040

<u>Board Members</u>	<u>Board Alternates</u>	<u>Wholesale Utility Representatives</u>	<u>SPU Attendees</u>	<u>Other Attendees</u>
Walt Canter John Bjork Roger Eberhart Matt Everett Dave Hilmoe Nancy Ahern	Terry Smith John Thompson	Ron Sheadel Dick Swaab Mark Parsons Steve Moye Kathleen Keene Margaret Wiggins Stu Turner Kathleen Quong-Vermeire	Dan Swenson Terri Gregg Grace Harris Eugene Mantchev	Tom Hoffman Steve Dunphy Denny Clouse Bob Bandarra

1. Welcome and Introductions

2. Minutes/Agenda

The April 2, 2009 minutes were approved by consent of the Operating Board.

3. New Business

▪ Capital Facilities Plan

Eugene Mantchev reviewed the Capital Facilities 2010-2015 spending plan. It should be noted that even though a project might be on the list, cost may not be allocated to a wholesale customer (2001 Contract Cost pool – As per specific asset). Also, Sound Transit projects are fully reimbursed by that organization. Eugene highlighted a new project related to land movement under Tolt Pipeline #2. The \$1.5 million dollar slope stabilization project is for geotechnical investigations and work on the pipeline to make it more flexible to accommodate for future land movement. A question was raised about the reason for the Cedar Sockeye Hatchery Project; the response was that the replacement hatchery is part of the long-term mitigation measures identified in the Habitat Conservation Plan (HCP). A question was asked about the Maple Leaf Reservoir and it is a regional facility.


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2010 – 2015 Proposed CIP

▪ **Lake Youngs Water Quality Expert Panel Report**

Dave Hilmoie reviewed the conclusions and recommendations from the Lake Youngs Expert Panel that was held on February 4 & 5, 2009.

Some of the conclusions are that:

- Lake Youngs is a well protected high quality lake. Algal levels and other biological activity are within normal range for this type of lake.
- Lake Youngs is phosphorous limited.

Key recommendations include the following items:

- Improve the ability to manage filter clogging algae.
 - In plant screening improvements
 - Use of Lake Youngs Bypass
 - Evaluate intake screening
- Reduce productivity potential in Lake Youngs
 - Relocate fluoridation from Landsburg to Lake Youngs
- Improve understanding of Cedar River raw water quality
 - Install full depth limnology and weather monitoring station in Lake Youngs
 - Revisit Lake Youngs water quality models
 - Conduct routine phosphorous budget and sediment monitoring
- Improve invasive species management
 - Prepare Didymo white paper
 - Complete aquatic invasives survey and implement it
 - Revise invasives policy and procedure
- Make adjustments to SPU's limnological program
- Improve research and leverage SPU partnerships and universities

Dave indicated that treatment plant modifications will be done later this year after flows drop. The fluoridation facility will move will probably be in 2011. A comment was made about sonic algae removal but Lake Youngs is likely too large for this approach and the process currently is speculative and expensive.

If requested, an electronic copy of the final report can be provided.



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Lake Youngs Water Quality Expert Panel Presentation

▪ **2008 Water Quality Report – State of the Water**

Jim Nilson reported that SPU remained in compliance with all water quality regulations, including:

- Total Coliform Rule
- Lead and Copper Rule
- Disinfection By-Product Rule
- Surface Water Treatment Rules
- Source Water Quality Monitoring

There are no required changes to Cryptosporidium monitoring requirements. The Cedar watershed and water treatment facility inspections were completed by WA DOH.

Key issues for the future include completion of the reservoir covering program, following up on the recommendations of the Lake Youngs Water Quality Expert Panel, implementing screening improvements for the Cedar Treatment Facility, and as appropriate bypass Lake Youngs.



2008 Drinking Water Quality Report Presentation

▪ **Meter Testing Program and Metron Data Loggers**

Terri Gregg reviewed that status of the 2009 meter testing program. Seventy meters have been tested, to date, and nine are pending. In the future, turbine meters will be tested every three years.

Eugene Mantchev indicated that electronic meters are not readily testable and that test ports need to be installed for full testing. Test ports will be installed over time, where possible. Electronic meters will have a zero set when initially installed and then once a year they will have zero set verification with flows stopped. It was noted that when flows drop below 1% of the full scale range the totalizer stops registering and doesn't come back on until flows are 2% of the full scale range.

Eugene also reported that we now have Metron radio read capability for most all of the wholesale meters, except for the electronic meters. Flow data is available in 15 minute increments. The data is available to wholesale customers upon request. There is one data file per meter register. SPU will look at the data for customer operating within the measuring specifications of the meter. SPU will work with utilities, if flows are below the minimum meter flow specifications.



2009 Wholesale Meter Testing Program

▪ Operating Board Website

Terri Gregg presented the new Operating Board website (www.operatingboard.org). Members were very pleased with the content and look and feel of the website. It was suggested that SPU link to OB website from its website and include a link the site to the State WARN site. It was recommended that the site banner read "Seattle Water Supply Operating Board."

4. Executive Summaries and Other Business

ADD NOTES

Future Meetings

- July 2nd
- August 6th

5. For the Good of the Order

- Board members to provide brief updates on issues that relate to Board business.

6. Public Comment Period


None provided.

7. Meeting Adjourned

Approved by:



Chair, Walt Canter



Date

Seattle Water Supply System Operating Board