

Final Minutes
Seattle Water Supply System Operating Board
Sept 5, 2019
9:00 am to 2:30 PM

Lake Youngs and Cedar Treatment Facility
Lake Youngs Headquarters
18015 SE Lake Youngs Road
Renton, WA 98058

<u>Board Members</u>	<u>Board Alternates</u>	<u>Utility Representatives</u>	<u>SPU Attendees</u>	<u>Other Attendees</u>
Lynne Danielson - Chair	Wylie Harper	Mike Amburgey	Kathy Curry	Sam Amira
Alex Chen – Vice Chair	Ron Speer	Boyd Benson	Elizabeth Cruise	Renea Blanchette
Mami Hara	Bryan Koehmstedt	Abdoul Gafour	Paige Igoe	Chris Cordi
Rick Scott	Shane Young	Steve Leniszewski	Celia Kennedy	Gavin Crosby
Matt Everett		Mike Martin	Jim Nilson	Patrick Martin
Diane Pottinger		Byron Murgatroyd		Steve Moye
Ron Little, 7 th member		Al Nelson		Darcey Peterson
		Patrick Sorenson		Steve Pfaff
				Kathleen Quong-Vermeire
				John Thompson
				Jerry Thornton
				Dexter Walser

1. Welcome and Introductions

- John Wesely, Cedar Treatment Facility Manager from the Jacobs Engineering Group, introduced himself and went over safety information for the building and site.
- Alex Chen, Seattle Public Utilities (SPU) Drinking Water Planning and Program Division Manager, introduced returning SPU staff member Celia Kennedy, and introduced Elizabeth Cruise, SPU Limnologist.
- All attendees introduced themselves.

2. Minutes/Agenda

- The **July 11, 2019 minutes** were approved 6-0.
- The **September 5, 2019 agenda** was approved 6-0.

3. New Business

a. Site Overview of Lake Youngs and Cedar Treatment Facility

Alex Chen gave an overview of Lake Youngs and the Cedar Treatment Facility site, shop and dams.

b. Water Treatment

Jim Nilson, SPU Senior Water Quality Engineer, provided an overview of SPU's water treatment facilities and processes for the Tolt and Cedar water supplies.

- *The group discussed the design build operate (DBO) model for the two water treatment facilities and how it has provided efficiencies and cost savings.*
- *A Utility Representative mentioned that many years ago the water from the Cedar supply had an unpleasant taste at times and Jim Nilson explained that the taste of the water has greatly improved and become more consistent since the new treatment facilities started operating in 2004.*

- The group discussed the lifespan of treatment facilities and operational details.

c. Lake Youngs Limnology Monitory Program

Elizabeth Cruise, SPU Limnologist, provided an overview of SPU's source water quality monitoring program with a focus on Lake Youngs.

- A Utility Representative asked how Aquatic Nuisance Species (ANS) get into the system and asked about the treatment and prevention options that have been considered.
 - Elizabeth explained that one risk for ANS introduction comes from contractor equipment and added that, accordingly, SPU has a detailed protocol for contractor equipment to minimize this risk. Elizabeth added that birds and other animals can also potentially bring in ANS and discussed how monitoring and prevention are the primary focus as other treatment options can have unintended consequences to the ecological balance of the aquatic system, potentially causing more problems than they solve.
- Wylie Harper, SPU Drinking Water Quality Director, explained that SPU is regularly monitoring for ANS and that these efforts have been very successful.

d. Water Regulatory Updates

Wylie Harper shared an update on drinking water regulations and the group discussed several water quality issues including lead and copper in schools, corrosion control, PFAS, microplastics and pipe materials.

4. Executive Summaries and Other Business

- Alex Chen provided summaries on the following topics:
 - Water Consumption from the Watersheds vs. Rate studies (Attachment 4a.).
 - Water Supply Conditions (Attachment 4.b.).
 - Reclaimed Water – a draft short-term agreement with King County has been developed that SPU expects can be shared with the Operating Board in the coming weeks, and SPU will continue to provide updates to the Operating Board on a long-term agreement with King County that is also being discussed.
 - Project Updates on the Beverly Park Tank, Taylor Creek Trestle, and the Transmission System Seismic Study.
- Rick Scott, Water Line of Business and Shared Services Deputy Director, shared further updates on Cedar Falls Electrical Work and Cedar River Watershed facility damage from storms this last winter
- Alex Chen provided information about the timing for when SPU will be discussing the proposed Capital Facility Plan budget with the Seattle City Council in the September/October timeframe in response to a previous Board Member request for this information. Alex added that we can provide more details about when those discussions occur at City Council upon request.

5. Future Meetings

Kathy Curry, SPU Wholesale Contracts Manager, reminded the group of upcoming OB meetings on October 3 and November 7, 2019, starting at 1 p.m. at the Mercer Island Community and Event Center. Kathy pointed out that this start time is one hour earlier than the meetings used to convene.

6. For the Good of the Order

- None.

7. Public Comment Period

- None

8. Material presented at Meeting

- Copies of information described on the agenda were either provided in advance or at the meeting.

9. Board meeting was adjourned at approximately 12 noon, then those present had lunch and participated in tours of the Cedar Treatment Facility and Lake Youngs

Approved by:



Chair, Lynne Danielson
Seattle Water Supply System Operating Board

10-3-19
Date