

Approved Minutes
Seattle Water Supply System Operating Board
September 13, 2018
9:00 am to 3:00 PM

Tolt Watershed Treatment Plant
12910 Kelly Road NE
Duvall, WA 98019

<u>Board Members</u>	<u>Board Alternates</u>	<u>Utility</u> <u>Representatives</u>	<u>SPU Attendees</u>	<u>Other Attendees</u>
Alex Chen - Chair	Bryan Koehmstedt	Mike Harris	Terri Gregg	Darcey Peterson
Matt Everett - Alt	Shane Young	Boyd Benson	Kathy Curry	Larry Schoonmaker
Diane Pottinger		Mike Martin	Brent Lackey	Jerry Thornton
Lynne Danielson		Byron Murgatroyd		Roxanne Heller
Mami Hara		Al Nelson		Larissa Grundell
Cameron Findlay – Alt		Terry Olson		Pamela Maloney
Ron Little		Patrick Sorenson		Sam Amira

1. Welcome and Introductions

- Alex Chen with Seattle Public Utilities (SPU) introduced Larry Wilt, with American Water. Larry manages operations at the Tolt under a design, build, and operate contract with SPU.

2. Minutes/Agenda

- The **July 5, 2018** minutes were **approved 6-0**.
- The **September 13, 2018** agenda was **approved 6-0**.

3. New Business

a. Tolt Pipeline Protection Project Briefing

Brent Lackey, SPU’s Transmission System Land Management Lead, provided a PowerPoint presentation on the King County Flood Control District’s Winkelman Revetment Project on the Snoqualmie River that included an overview of the project’s history, goals and status.

b. Tolt Stabilization Project Update

Brent Lackey, SPU’s Transmission System Land Management Lead, provided a PowerPoint presentation to update the Operating Board on Tolt pipeline stabilization efforts. As part of his presentation, Brent provided background on slope instability where applicable to the Tolt Pipeline, described ongoing slope monitoring efforts, and the various solutions that have been evaluated. Brent then concluded his presentation by describing the conceptual details of a proposed two-part capital project strategy based on (1) installing a series of horizontal slope groundwater drains, and (2) sliplining Tolt Pipeline #1 in the area of the slide with a smaller HDPE pipe to better ensure long term available supply in all outages of Tolt Pipeline #2. He went on to provide further details on, and answered questions regarding, the options that have been considered and the plan moving forward for addressing slope instability.

- Alex Chen, SPU Water Planning and Program Management Division Director, described the importance of having both the Tolt 1 and the Tolt 2 pipelines to provide redundancy, reliability and capacity in the Tolt system.

- Brent characterized the impacts to groundwater inputs to the North Fork Tolt river as negligible in the context of the larger Tolt basin upstream of the landslide. He mentioned that he'd need to follow up with information about expected groundwater discharge volumes. The follow up information is that SPU expects summer low flow of less than 20 gpm, and winter high flows of less than 50 gpm, but with occasional wet weather peak flows up to 200 gpm. These flows represent an estimated proportional contribution of less than 0.1% of total North Fork Tolt River discharge.
- Brent described the project timeline and estimated \$10-15M final CIP cost and confirmed the Board's support for moving forward with this capital solution.

c/d/e Tolt Ring Gate Project, Tolt Warning System, and Tolt Valve #15

Alex Chen, SPU Water Planning and Program Management Division Director, gave three back-to-back presentations that provided updates to the Operating Board on the Tolt Ring Gate, the Tolt Warning System, and the Tolt Valve # 15. The presentations provided background for some of the features that meeting attendees would see during the later tour portion of the day's agenda.

4. Executive Summaries and Other Business

- Terri Gregg, SPU Wholesale Contracts Manager, called attention to the following materials that were provided at the meeting:
 - **Water Consumption vs. Rate Study** – *monthly handout*
 - **Response to July 5, 2018 OB meeting questions on True-up results.** – *handout provided*
 - **SPU Annual Water Quality Report** – *handout provided*
 - **Water Supply Update, Report as of September 10, 2018** – *monthly handout*
- Alex Chen, Seattle OB Chair, provided a brief Reclaimed Water Update mentioning the recent King County meeting and that work on an agreement is still underway.
 - Diane Pottinger, Operating Board member, reminded attendees of upcoming opportunities to talk with legislators and encouraged attendees to talk with legislators about their interests in a coordinated regional approach to reclaimed water.
- Terri Gregg, SPU Wholesale Contracts Manager, reminded attendees that this would be the last OB meeting that she will attend prior to her retirement on October 2, 2018. Following this, Kathy Curry will be acting as Interim Wholesale Contracts Manager. Terri thanked the group for being great to work with. Alex Chen and several Operating Board members, and Utility Representatives thanked Terri for her work and wished her well.

5. Future Meetings

- Kathy Curry, soon-to-be SPU's Interim Wholesale Contracts Manager, confirmed that currently it is planned that the next two Operating Board meetings will occur as scheduled on October 5, 2018 and November 2, 2018.

6. For the Good of the Order

- Matt Everett, Highline Water District's General Manager, updated the group letting them know that Highline and other involved Districts have prevailed in their lawsuit regarding King County charging rent for Right of Way utility use.

7. Public Comment Period

- None

8. **Material presented at Meeting**

- None other than handouts described above under *Executive Summaries and Other Business*

9. **Board meeting was adjourned @ 11:20 PM for lunch and afternoon Tolt tours**

Approved by:

Chair, Alex Chen
Seattle Water Supply System Operating Board

Date