



SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, April 12, 2021

3:30 p.m. to 5:00 p.m.

**District Office, Conference Room 1st Floor
1275 Meadow Crest Drive, South Lake Tahoe, California**

Please join the meeting from your computer, tablet or smartphone:

<https://global.gotomeeting.com/join/910510109>

You can also dial in using your phone:

United States (Toll Free): [1-877-309-2073](tel:1-877-309-2073)

United States: [1-646-749-3129](tel:1-646-749-3129)

Access Code: 910-510-109

David Peterson

OPERATIONS COMMITTEE

Shane Romsos

(A meeting will be held to discuss the following topics)

AGENDA

1. **PUBLIC COMMENTS** (Members of the public may address the committee on any item that is within the jurisdiction of the District; however, no discussion or action may take place per the Brown Act. Each member of the public who wishes to comment shall be allotted three minutes, and no more than three individuals shall address the same subject.)
2. **OPERATIONAL ISSUES**
 - a. General
 - No news as of April 7
 - b. Water System
 - Sierra Tract Unidirectional Flushing Program
 - Gardner Mountain Leaks
 - c. Sewer Collection System
 - No news as of April 7
 - d. Wastewater Treatment Plant (WWTP)
 - Annual service on Secondary Clarifiers in advance of Secondary Clarifier No. 3 Rehabilitation starting next month
 - e. Export System/Recycled Water Facilities
 - Haen Constructors mobilized April 5 to prepare access for siphon cured-in-place pipe (CIPP) repair

3. ENGINEERING ISSUES

- a. General
 - Capital Improvement Plan (CIP) Planning
- b. Water System
 - No news as of April 7
- c. Sewer Collection System
 - No news as of April 7
- d. Wastewater Treatment Plant
 - No news as of April 7
- e. Export System/Recycled Water Facilities
 - New B-Line Drain System tested on April 5, and Tank No. 2 offline for reconstruction

4. DISCUSSION OF STAFF REPORT (Board Members pull items of interest from Engineering Staff Report below for further discussion)**5. SPECIAL REPORT**

- a. Tahoe Keys Emergency Supply Update

6. ADJOURNMENT (Next meeting is planned for Monday, May 17, 2021, 3:30 p.m.)

Public participation is encouraged. The meeting location is accessible to people with disabilities. Every reasonable effort will be made to accommodate participation of the disabled in all of the District's public meetings. If particular accommodations for the disabled are needed (i.e., disability-related aids, or other services), please contact the Clerk of the Board at (530) 544-6474, extension 6203, at least 24 hours in advance of the meeting.

South Tahoe Public Utility District • 1275 Meadow Crest Drive • South Lake Tahoe, CA 96150
Phone 530.544.6474 • Facsimile 530.541.0614 • www.stpud.us

**ENGINEERING STAFF REPORT
(as of April 7, 2021)****CONSTRUCTION PROJECTS**

- a. Meters Phase 5B (Contractor: Vinciguerra)
 - Final balancing Change Order authorized by Board on April 1
 - Closeout Agreement going to Board on April 15
- b. Luther Pass Tank No. 2 and Site Valving (Contractor: TNT Industrial)
 - Testing of B-Line drain components interrupted, but Tank No. 2 demolition commenced on April 6 with staff approval
 - Expect new tank to be in service by August 1
- c. Heavenly Tank – Recoat and Site Improvements (Contractor: Haen)
 - Board authorized staff on April 1 to file Notice of Completion
- d. Secondary Clarifier No. 3 Rehabilitation Project (Contractor: TNT Industrial)
 - Directive issued to contractor to install a new communications tower at the Wastewater Treatment Plant
- e. Rocky 1 Waterline Replacement Project
 - Board awarded bid to Haen Constructors on April 1 - Contract in progress
 - Expect contractor to mobilize May 1 to Rocky 1 Waterline Area

PLANNING/DESIGN

- a. Groundwater Management Planning
 - Groundwater Sustainability Agency (SAG) Workshop held on March 25 to discuss potential future projects –
 - Provided results of Well Owner's Survey
 - 2020 Water Year Annual Report will be presented to Board on April 15
- b. Paloma Well Rehabilitation
 - Authorization to bid to Board on April 15
 - Plan to advertise for bids April 23
- c. Tahoe Keys Pump Station (Consultant: Carollo)
 - Consultant services during construction Proposal to Board on April 15
 - Advertise for bid on April 30
 - Bid opening scheduled for June 16
- d. Keller-Heavenly Improvements Project (Consultant: Farr West)
 - Three bids received on April 6 –
 - Bids under review for April 15 award
 - Phase 2 advertisement for bidding postponed to May 7
 - Do not expect contractor to mobilize until July 2022
- e. Blower System Emergency Power and Improvements Project (Consultant: Carollo)
 - Generator procurement proceeding; Holt issued Notice to Proceed
 - Staff awaiting submittals from manufacturer
 - Expect to take delivery in July or August
 - Mandatory virtual pre-bid meeting held March 30
 - Eight potential bidders attended
 - Bid opening scheduled for May 4
 - Board approved extending consultant contract for bidding services on April 1
 - Scope for services during construction pending
- f. Secondary Clarifiers No.'s 1 and 2 Project (Consultant: Carollo)
 - Staff has agreed with Ovivo to price for mechanisms, one for 2022 and one for 2023
 - Project bidding with Blower Generator (see above)
- g. Upper Truckee Marsh Sewer Improvements Project (Consultant: Northwest Hydraulics)
 - Closeout Report received and in review
- h. Tanks Asset Management
 - Staff is preparing bid documents for touchup coating of six tanks this summer
- i. Field Communications Upgrades
 - Resuming work with remaining Angora Hub station upgrades, all Flagpole Hub station upgrades, and new radios for Keller Hub and Direct-to-WWTP Stations
- j. Future Waterlines
 - Bowers/Bijou
 - 90% design is being prepared; plan to bid Fall 2021

- Black Bart
 - 50% design is being prepared: plan to bid Fall 2022
 - Pioneer Trail Waterline
 - Staff is proceeding with project planning in support of potential stimulus funding application
 - Apache Ave Waterline
 - Staff is beginning plans for 2023 installation in coordination with County's Complete Streets Project
 - Herbert/Walkup Waterline
 - Staff is proceeding with project planning in support of potential stimulus funding application
- k. Water System Asset Management Projects
- Water Station Electrical Condition Assessments
 - See WWTP Condition Assessment
 - Artificial Intelligence (Consultant: Baseform)
 - Staff is preparing presentation to Operations Committee by June
- l. Sewer System Asset Management Projects
- WWTP Condition Assessment (Consultant: Water Systems Consultants)
 - Technical Memorandum 1 (TM1) Review meeting and WWTP Electrical Reconnaissance held on March 16
 - Field Stations Electrical Reconnaissance held on April 7 (22 water and sewer stations visited)
 - Sewer Station Electrical Condition Assessments
 - See WWTP Condition Assessment
 - Recycled Water Strategic Plan (Consultant: TBD)
 - Request for Proposal (RFP) will advertise April 12
 - Proposals due May 24
 - Staff to provide presentation to the Operations Committee on Scope of Work at May 17 meeting
 - Sewer Flow Monitoring (Consultant: Carollo)
 - Staff is reviewing proposed scope to complete Infiltration and Inflow (I&I) reduction study in the "worst" identified sewer sub-basin
 - Sewer Project Planning (Staff)
 - Staff met on March 31 to discuss defects identified on Lake Tahoe Blvd
 - Plan to install Smart Cover to monitor water levels

OTHER

- a. EDWA Funding
- Staff met with El Dorado Water Agency (EDWA) Consultant on April 7 to discuss revamp of grant program
- b. CIP Planning
- Staff distributed CIP Annual Plan Update document to Board on April 2
 - Presented summary of system needs at April 6 Board Workshop
 - Current system needs are \$107M (Sewer) and \$98M (Water) over 10 years
 - Finance's Ten-Year Plan allots \$76M (Sewer and \$62M(Water), a 1/3 shortfall