



## SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Tuesday, February 16, 2021

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

District Office, Conference Room 1<sup>st</sup> Floor – GoToMeeting  
1275 Meadow Crest Drive, South Lake Tahoe, California

---

Please join meeting from your computer, tablet or smartphone:

<https://global.gotomeeting.com/join/440658821>

You can also dial in using your phone:

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

Access Code: 440-658-821

---

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
  - b. Water System
    - Tahoe Keys Modeling and Field Testing
  - c. Sewer Collection System
    - Conflicts between Greenway Boardwalk and A-Line/Upper Truckee Force Main (UTFM)
  - d. Wastewater Treatment Plant (WWTP)
    - Centrifuge No. 2 – bearing temp issues post-rebuild
  - e. Export System/Recycled Water Facilities
3. **CONSTRUCTION PROJECTS**
  - a. Luther Pass Tank 2 and Site Valving (Contractor: TNT Industrial)
    - B-Line Drain Components received - to be installed in late February/early March
  - b. 2020 Sewer Improvements Project (Contractor: Burdick)
    - Staff received modified Closeout Agreement back from contractor as a claim - check has not been cashed

- c. Rocky 2 Waterline Replacement Project (Contractor: Haen)
  - Board approved Notice of Completion for Large Meters on February 4
  - Rocky Pressure Regulating Valve (PRV) still needs a modem installed - planning to use solar to supplement turbine
  - Received preliminary structural plan for vehicle lift - expect to install by April
- d. Secondary Clarifier No. 3 Rehabilitation Project (Contractor: TNT Industrial)
  - Directive issued to contractor to install a new communications tower at the WWTP

#### **4. PLANNING/DESIGN**

- a. Groundwater Management Planning
  - Groundwater Model
    - Staff updated to reflect 2020 Water Year
- b. Paloma Well
  - Staff is drafting well rehab spec for review and input by consultant
  - Meeting with Lahontan regarding discharge requirements
  - Will require Access Agreement with California Tahoe Conservancy (CTC) to facilitate discharge
- c. Tahoe Keys Pump Station (Consultant: Carollo)
  - Final plans received for bidding
    - Plan to advertise April 30
- d. Upper Truckee Pump Station Rehabilitation (Consultant: Carollo)
  - Staff 90% Review Meeting held January 27
  - 90% Design Workshop with consultant scheduled for February 24
- e. Keller-Heavenly Improvements Project (Consultant: Farr West)
  - United States Forest Service (USFS) has approved changes to District's Special Use Permit but has not completed environmental review needed to finalize funding and rebid Phase 1
  - Phase 2 90% Design being finalized
    - Plan to bid on heels of Phase 1
- f. Blower System Emergency Power and Improvements Project (Consultant: Carollo)
  - Authorization to bid approved by the Board on January 21
  - Sole-brand and authorization to bid for generator pre-purchase approved by Board on February 4
- g. Secondary Clarifiers No. 1 and 2 Project (Consultant: Carollo)
  - Board approved authorization to bid on January 21 and a sole-brand request for Ovivo mechanism to match Secondary Clarifier No. 3 on February 4
  - State Office of Emergency Services (OES) has recommended to FEMA the District's request for \$2.25M grant for seismic upgrades
- h. Water Tanks Backup Power Project
  - Design in development by staff for 11 sites - to be bid with Blower Generator
  - FEMA Grant schedule requires construction in 2021

i. Rocky 1 Waterline Project

- Mandatory Pre-Bid was held on February 1
  - Eight general contractors attended
- Bid opening scheduled for March 4
- Bidding waterline at 42 inch depth - adding bid alternate items for additional depth

j. Water System Asset Management Projects

- Water Station Electrical Condition Assessments
  - See WWTP Condition Assessment (below)
- Unidirectional Flushing (UDF) Program
  - Staff has opened conversation with flushing truck option to minimize discharge to sewer or environment
  - Staff navigating issues with UDF modeling module

k. Sewer System Asset Management Projects

- WWTP Condition Assessment (Consultant: Water Systems Consultants)
  - Project kickoff meeting held January 27
  - Compiling documents for consultant use
- Sewer Station Electrical Condition Assessments
  - See WWTP Condition Assessment (above)
- Recycled Water Master Plan (Consultant: TBD)
  - Staff held internal meeting to confirm direction and goals for project
  - Expect to internally circulate draft Request for Proposals (RFP) by end of February
- Sewer Crossing Condition Assessment (Consultant: TBD)
  - Staff is preparing RFP for prioritization of ~150 pipes (sewer and water) for inspection
  - Collecting as-built information on all pipes and preparing maps

**5. OTHER**

a. 2020 Urban Water Management Plan (Consultant: Kennedy Jenks)

- District will be required to report annually to the State its Water Shortage Contingency Plan - including water supply and demand assessment

b. El Dorado Water Agency (EDWA) Projects

- Staff to compile list of requests by end of February
  - Satellite/Acoustic Leak Detection
  - Cathodic Protection
  - Artificial Intelligence
  - Sewer Flow Monitoring
  - Force Main Monitoring
  - Groundwater Management
  - Large Meter Testing

c. Consultant Request for Qualifications (RFQ)

- Developing lists of consultants to provide as-needed services
- Staff advertised three new opportunities for consultants to submit Statement of Qualifications (SOQs)

- Now have five opportunities open
  - Closed Circuit Television (CCTV) Coding
  - Survey
  - Environmental Documentation
  - Specialty Engineering
  - Supervisory Control and Data Acquisition (SCADA)/Radio Programming

d. Capital Improvement Plan (CIP) Planning

- Engineering provided Finance with an \$83M Sewer Plan and \$68M Water Plan
- Current system needs are \$108M (Sewer) and \$98M (Water)

e. Geographic Information Systems (GIS) Program

- Rolling out tools to Operations: valve exercising, fire hydrant inspection, waterline condition and manhole inspection
- GIS Specialist, Jim Kelly, will attend the Operations Committee Meeting in March to give Committee an overview of GIS System and current initiatives

**6. ADJOURNMENT** (Next meeting is planned for Monday, March 15, 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.