

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

**Monday, March 14, 2022 - 4:00 p.m. to 5:30 p.m.**  
**District Office, Conference Room 1<sup>st</sup> Floor**  
**1275 Meadow Crest Drive, South Lake Tahoe, California**

**Please join the meeting in person or remotely from your computer, tablet or smartphone:**

Microsoft Teams Meeting

Join on your computer or mobile app [Click here to join the meeting](#)

Or call in (audio only) [+1 332-249-0500](tel:+13322490500),594633496#

Phone Conference ID: 594 633 496#

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**David Peterson**

**OPERATIONS COMMITTEE**

**Shane Romsos**

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

### **A G E N D A**

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
    - Monthly Reactive Work Order Report
    - County patch paving requirements
  - b. Water System
    - South Upper Truckee Well Inspection
  - c. Sewer Collection System
    - No news as of March 9
  - d. Wastewater Treatment Plant (WWTP)
    - Holding Pond No. 1 remains offline
    - Bentley Ranch status
  - e. Export System/Recycled Water Facilities
    - Luther Pass Pumps vibration investigation
3. **ENGINEERING ISSUES**
  - a. General
    - Capital Improvement Plan (CIP) Program Recap
  - b. Water System
    - AI Tahoe Well Rehabilitation Request for Proposals (RFP) Results
  - c. Sewer Collection System
    - No news as of March 9

- d. Wastewater Treatment Plant (WWTP)
  - Grout failure at Secondary Clarifier No. 3
  - Secondary Clarifier No. 2 mechanism procurement
- e. Export System/Recycled Water Facilities
  - Luther Pass Tank No. 2 Rehabilitation change in approach

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, April 18, 2022, 4:00 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  
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## **ENGINEERING STAFF REPORT (as of March 9, 2022)**

### **CONSTRUCTION PROJECTS**

- a. Secondary Clarifier No. 3 Rehabilitation Project (Contractor: TNT Industrial)
  - District has received report from third party consultant (HDR) regarding grout failure
  - Demolition of grout layer complete
    - Meeting on March 9 to discuss next steps
- b. Rocky 1 Waterline Replacement Project (Contractor: Haen)
  - Work on Price Road Pressure Regulating Valve (PRV) ready to test installation as soon as Liberty connects the new power drop
- c. Blower Generator, Secondary Clarifiers No.'s 1 & 2, and Tank Backup Power (Contractor: Vinciguerra)
  - Staff is working through battery system details and submittals with contractor
  - Staff is preparing change order for Board consideration to cover additional costs due to material price escalation
- d. Tahoe Keys Pump Station Rehabilitation Project (Contractor: T&S Construction)
  - After consultant review, staff has rejected alternative shoring plan submitted by T&S
  - Staff has submitted TRPA Project Permit Application and is awaiting approval
- e. Bowers & Bijou 2/3 Waterline Replacement Projects (Contractor: Vinciguerra Construction)
  - Board awarded Bowers bid to Vinciguerra Construction (VC) on February 17, without alternate bid item for paving
  - Two bids received for Bijou 2/3 Project on February 22
    - Board awarded to VC March 3, without alternate bid item for paving

- Board approved Agreements for payment-in-lieu of paving for submission to City
  - Council has approved Bowers, and Bijou 2/3 is pending
- Contract preparation is in progress
  - Staff expects to issue Notice to Proceed for Bowers by March 9 and Bijou 2/3 by March 22
- Staff will manage the two separate waterline projects as one to minimize staff and contractor effort

### **PLANNING/DESIGN**

- a. Groundwater Management Planning
  - Groundwater Management Plan (GWMP) Update
    - Staff presented highlights of the Plan to El Dorado Water Agency on March 9
    - The public comment period on the Draft Plan ended March 11, 2022
    - Staff will address comments received and intends to bring Final Plan to Board for Public Hearing and adoption on April 7 or 21
  - 2020/21 Water Year Annual Report
    - Staff is preparing report for submission by end of March
- b. Keller-Heavenly Phase 3 Project (Consultant: Farr West)
  - Board approved Authorization to Bid on February 17
  - Consultant continues to refine bid package
    - Expect to advertise bid by mid-April
  - With Board current direction for Fiscal Year 23 Annual Budget, staff will include Lookout Tank Access Road in project scope
- c. Al Tahoe/Bayview Backup Power and Well Rehabilitation Project (Consultant: TBD)
  - Six proposals for design services were received on February 11
    - Three consultants selected to interview on March 8
  - Staff plans to select a consultant and bring the recommendation to the Board on April 7
- d. Bijou Pump Station Project (Consultant: TBD)
  - Request for Proposals for design services advertised March 7
    - Proposals due April 11
  - Staff preparing Task Order for Carollo to perform hydraulic modeling of Bijou/Johnson/Ski Run Force Mains under existing As-Needed Service Contract to support Bijou pump design
- e. Future Waterlines
  - Staff is finalizing environmental documentation for Pioneer Trail, Herbert Walkup, Bijou 1 and Lake Tahoe Boulevard (LTB) Waterline Projects to support loan application by end of March
  - Staff is commencing environmental documentation for the Glenwood Rancho and Tahoe Mountain Waterline Projects to support loan application by end of May
  - Staff is preparing to survey Glenwood Rancho, Bijou 1, LTB, Tahoe Mountain and Angora Creek Waterline Project areas to support design in Fall 2022

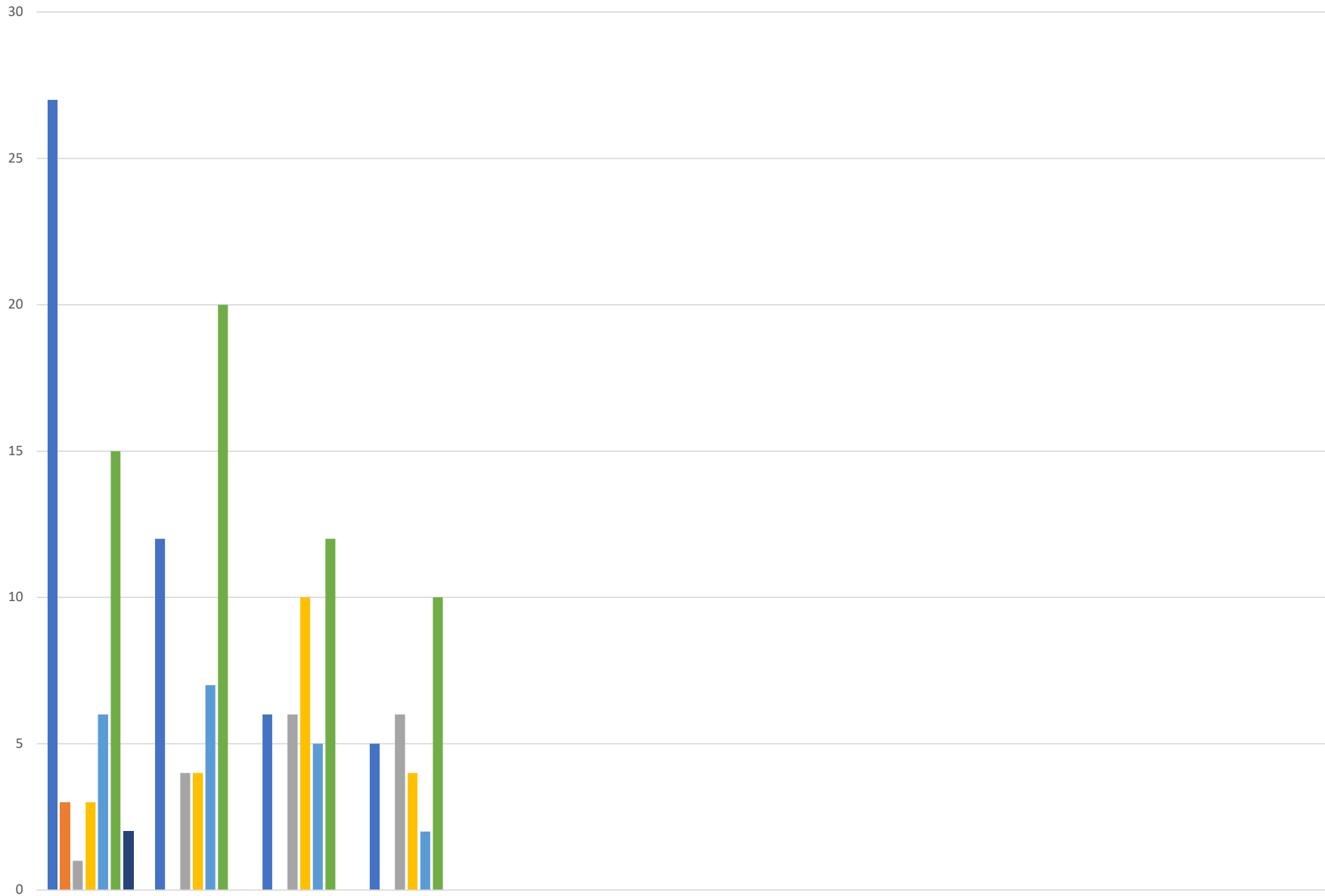
- f. Water System Asset Management Projects
  - Water Crossings Condition Assessment - See Sewer Crossings Condition Assessment
  - Water Station Electrical Condition Assessments (Consultant: WSC/HDR)
    - Consultant has received three responses to electrical testing Request for Qualifications (RFQ) on District's behalf and are in review
  - Valve turning tool
    - Tool has been received and is being programmed
  - Water Leaks/Water Loss Program
    - Staff presented annual Board Report on March 3
  
- g. Sewer System Asset Management Projects
  - WWTP Condition Assessment (Consultant: Water Systems Consultants)
    - Task Order No. 1C is being brought to the Board for consideration on March 17 for supplemental structural support
    - Staff is planning underground piping assessments, but most need Holding Pond No. 1 to be in service
  - Sewer Station Electrical Condition Assessments - See Water Station Electrical Condition Assessments (above)
  - Sewer Crossings Condition Assessment (Consultant: Cardno)
    - Consultant has transferred Geographic Information System (GIS) tool to the District
  - Closed Circuit Television (CCTV) Program
    - Staff is preparing annual Board Report for March 17
    - Truck has been converted from generator power to battery power PC has been re-installed and staff are hopeful the more stable power source will fix the PC problems

## **OTHER**

- a. Luther Pass Pump Replacements
  - Staff is working with WSC/HDR to investigate high vibrations seen at position No.1, collecting vibration data and physical measurements
  - Lumos surveyed the floor and pedestals week of March 1
    - Initial feedback is that it is out-of-level
  
- b. South Upper Truckee Well
  - Engineering is supporting Pumps to find a contractor to help pull the pump and inspect the leads
  
- c. Tahoe Keys Emergency Supply (Consultant: Carollo)
  - Expect Draft Tasks 1 and 2 reports to be submitted by March 18
  
- d. Truckee Marsh Sewer (Consultant: NHC)
  - NHC submitted Closeout Report in late February
    - Has been posted to the District's website and regulatory agencies, and interested parties have been notified
  
- e. Diamond Valley Ranch (DVR) Reporting
  - Annual Indian Creek Reservoir (ICR) Total Maximum Daily Load (TMDL) Report submitted to Lahontan at end of February

- f. Community Project Support
  - Staff has been working with developer's consultants to review system capacity in support of Sugar Pine Village project
  - Staff has been working with City consultants to review system capacity in support of Rec Center Project
  
- g. WWTP Solar Project
  - Solar Ad-Hoc Committee meeting held February 17
  - Staff is working with Prostar/CORE to update Contract documents by mid-March
  
- h. Annual CIP Update
  - Board Workshop held February 17
    - Proposed plan being used as basis for Annual Budget
  
- i. Engineering Staffing
  - Engineering Technician Cross-training
    - One application received and accepted
  - Water Resources Manager
    - Recruitment is underway
    - First batch of applications will be reviewed mid-April
  - Engineering Intern
    - Staff is preparing to advertise an opportunity through Blue Ribbon
  - Staff is waiting for proposal from Construction Materials Engineers, Inc., (CME) to provide inspection support services for Bowers and Bijou 2/3 Waterline Projects from May to October

# Monthly Reactive Work Orders



■ Water Leaks ■ Water Quality Complaints ■ Sewer Pipes & Manholes ■ Sewer Stations ■ Water Stations ■ WWTP ■ DVR