

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

Monday, November 14, 2022

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

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

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David Peterson

OPERATIONS COMMITTEE

Shane Romsos

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(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
    - Monthly Reactive Work Order report
  - b. Water System
    - Ongoing water quality concerns on steel mains
  - c. Sewer Collection System
    - No news as of November 9
  - d. Wastewater Treatment Plant (WWTP)
    - Annual odor scrubber maintenance complete
    - Annual 5<sup>th</sup> Grade Tours scheduled week of November 7
  - e. Export System/Recycled Water Facilities
    - No news as of November 9
3. **ENGINEERING ISSUES**
  - a. General
    - No news as of November 9
  - b. Water System
    - Keller Tank Construction
    - Paloma Well Rehabilitation
  - c. Sewer Collection System
    - Tallac Crossing Protection
  - d. Wastewater Treatment Plant (WWTP)
    - No news as of November 9
  - e. Export System/Recycled Water Facilities
    - No news as of November 9

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 Water System Update
6. **ADJOURNMENT** (Next meeting is planned for Monday, December 12, 2022, 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.stpubd.us

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## **ENGINEERING STAFF REPORT (as of November 9, 2022)**

### **CONSTRUCTION PROJECTS**

- a. Secondary Clarifier 3 Rehabilitation Project (TNT Industrial)
  - Staff is scheduled to attend mediation with TNT for grout floor failure on December 15
- b. Luther Pass Tank 2 Replacement (TNT Industrial)
  - Staff met with TNT and their subcontractor RDC on October 18 to discuss liquidated damages; Staff is waiting for formal response from TNT and RDC prior to bringing final balancing Change Order to Board
- c. Rocky 1 Waterline Replacement Project (Haen)
  - Board has approved Change Order for new Bijou Center manhole, but Haen has not begun work; delayed due to weather
  - Staff is preparing Notice of Completion for Board consideration on November 17
  - Staff is preparing Change Order for as-needed services on December 1
- d. Blower Generator, Secondary Clarifiers 1/2, and Tank Backup Power (Vinciguerra)
  - Staff issued a letter to VC informing that remaining work for SC1&2 will be removed from contract, pending receipt of clarifier covers
  - Remaining work will be rebid once letter of commitment is received from FEMA regarding \$2M grant application
  - Staff is preparing Partial Notice of Completion for Secondary Clarifiers 1&2 for Board consideration on November 17
  - Staff will prepare balancing Change Order, new Authorization for Bid and Consultant Task Order for new Bid Document for Board consideration in December
  - Board authorized Partial Notice of Completion for Blower Generator portion of project on November 3
  - Radio Tower delivery anticipated in late November, with erection continuing into December, weather pending
  - Battery delivery expected in December for tank sites; installation may be postponed into 2023, weather pending
- e. Paloma Well Rehabilitation (Zim Industries)
  - Contractor completed well repairs and development week ending November 4
  - Contractor has demobilized and will return in Spring to complete test pump installation, well testing, well inspection, disinfection and new pump/motor installation
  - Well will remain offline for winter

- f. Tahoe Keys Pump Station Rehabilitation Project (T&S Construction)
  - Contractor is continuing to work on yard and wetwell piping, but fully within the parcel
  - Temporary electrical trailer expected to arrive in December; its setup is the only work scheduled for the winter
  - Staff is preparing Change Order #1 for Board consideration November 17
- g. Bowers & Bijou 2/3 Waterline Replacement Projects (Vinciguerra)
  - Staff is preparing final balancing Change Orders and Closeout Agreements for Board consideration on November 17
- h. Keller Heavenly Phases 1, 2 and 3 Project (White Rock)
  - Board approved Notice of Completion for Phase 1 on October 6
  - Staff preparing Closeout Agreement and final balancing Change Order for Board consideration on November 17
  - Contractor has encountered problems with aligning the tank walls with the anchor chairs; met with Staff November 8 to discuss possible solutions
  - Demolition of old tank postponed until 2023
- i. Tanks Touchup Project (Topline Engineers)
  - Staff is bringing balancing Change Order to Board for consideration on November 17
- j. Tallac Creek Sewer Crossing (Haen Constructors)
  - Sewer crossing protection work is complete; contractor will return once the weather improves to finish removing diversion and deck panels
  - Emergency action will be terminated at November 17 Board Meeting
  - Revegetation requirements set by Lahontan, to be defined for installation in 2023
- k. Black Bart Waterline Replacement Project (Vinciguerra)
  - Staff issued Notice to Proceed on October 27

## **PLANNING/DESIGN**

- Groundwater Sustainability Agency
  - Interim Groundwater Program Manager: On November 3 Board approved Task Order with Kennedy Jenks to develop application for State Water Resource Control Board (SWRCB) Round 2 Grant
  - Round 2 Grant Application, due November 30, seeks \$1M+ in funding to support groundwater monitoring and protection projects identified as priorities by the SAG
- a. Al Tahoe/Bayview Backup Power & Well Rehabilitation Project (Consultant: Kennedy Jenks)
  - Consultant submitted final Alternatives Analysis on October 7
  - Consultant surveyed site and power route, and potholed week of October 31
  - Geotechnical drilling scheduled for week of October 31 delayed due to permitting and weather conditions
  - Consultant is preparing Design Memo for Staff review by end of November
- b. Bijou Pump Station Project (Consultant: WSC)
  - Staff performed flow tests on Bijou 12 and 16 Force Mains on November 3
- c. Luther Pass Tanks Rehabilitation Project (Consultant: Bayez and Patel)
  - Staff is preparing Authorization for Bid for Board consideration on November 17 or December 1
- d. Upper Truckee Pump Station (Consultant: Carollo)
  - Thirteen (13) contractors attended Mandatory Pre-Bid Meeting on October 26
  - Bid opening is currently scheduled for November 30
  - On November 3, Board authorized Task Order Amendment for Carollo to finalize design and provide services during bidding and construction

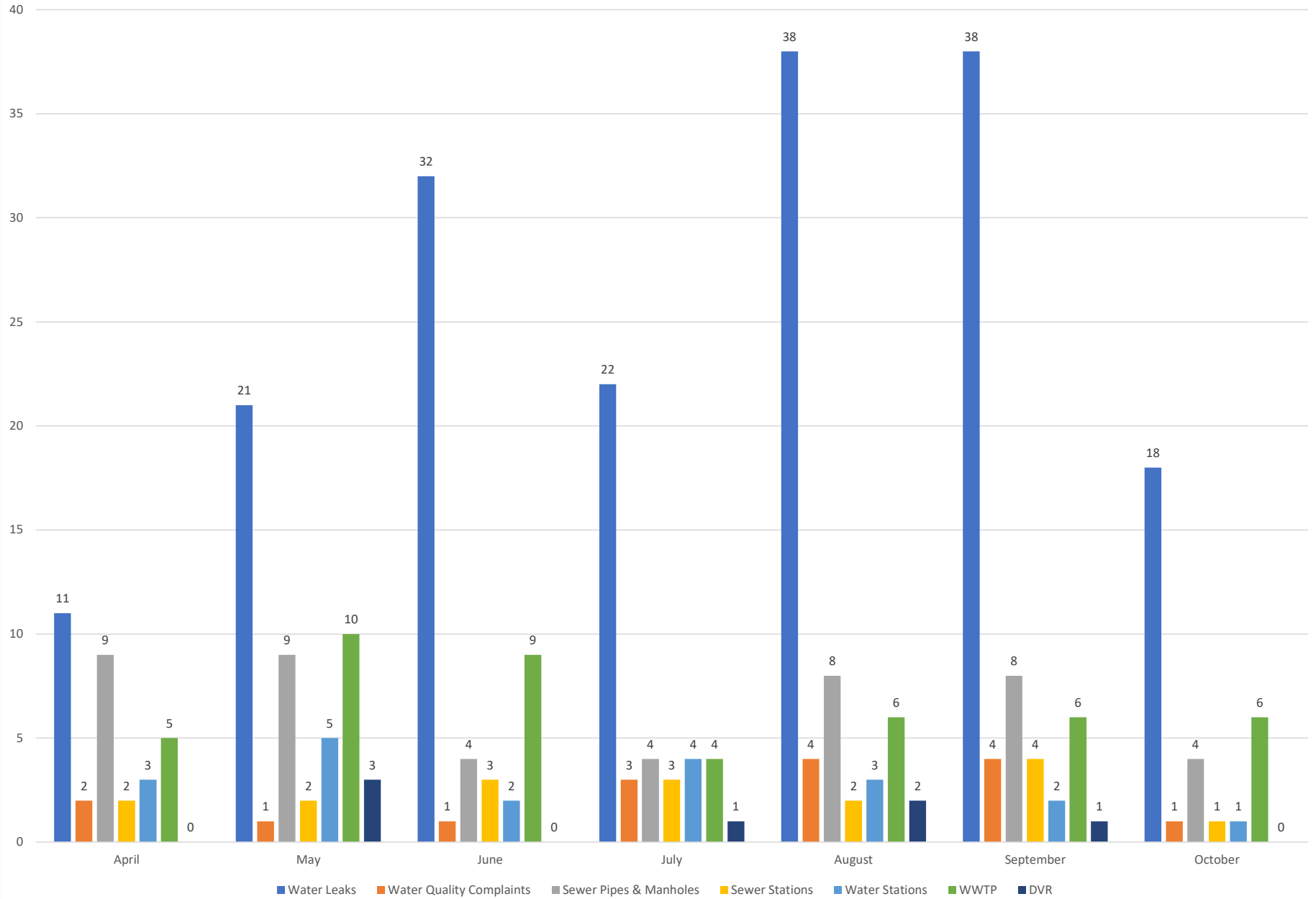
- Board approved addition of Sole-Source Product for inclusion in Bid Documents on November 3
- e. Future Waterlines
  - In October Staff submitted SRF application for Bijou 1, Herbert Walkup and Pioneer Trail Waterlines
  - Staff is putting a hold on submitting second SRF Application (Tahoe Mountain, Lake Tahoe Blvd and Glenwood Rancho) pending availability of grant opportunities
  - On November 4 Staff submitted application for 2024 LTRA Grant Funding for Bijou 1 and Pioneer Trail Waterlines
- f. Water System Asset Management Projects
  - Well Performance Monitoring: Pumps continuing with 2022 testing, completing Glenwood, Arrowhead and South Upper Truckee in the last month
- g. General Asset Management Projects
  - SCADA Historian Upgrades (Consultant: West Yost): Board approved Task Order on November 3 for Historian Migration and Tags Cleanup
  - SCADA Historian Upgrades (Consultant: Carollo) Board approved Task Order on October 20

## **OTHER**

- a. Luther Pass Pump Replacements
  - Replacement base for Pump 1 is being fabricated for delivery and installation in early December
- b. Tahoe Keys Water System
  - Staff presented results of Task 1&2 to Keys Board on October 19
  - Consultants for Task 3 scheduled to interview November 29
  - Staff met with State financing team to discuss funding opportunities for consolidation
- c. Community Project Support and Interagency Coordination
  - Staff met with City and SW Gas on October 25 to coordinate CIP; City has completed a Pavement Index Study, and may have collected utility information that could be of use to District (Staff evaluating)
  - Staff met with County and SW Gas on October 26 to coordinate CIP
  - Staff preparing design criteria for Baldwin Beach SS realignment for USFS consideration; Staff is in discussion with USFS regarding funding opportunities for this work
  - Staff participated in panel discussion on October 20 regarding Caldor Fire Response with ACWA Region 3
- d. Contracts Administration and Engineering Processes
  - Proposed updated to Front-End Specs received from attorneys on October 18; in review by Staff
- e. WWTP Solar Project (Staten)
  - Board held public hearing and approved PPA on October 20
  - PPA has been finalized and signed by both parties and project is moving forward
  - Solar Ad-Hoc Committee will be absorbed by the Sustainability and System Efficiency Standing Committee moving forward
- f. Engineering Staffing:
  - Water Resources Manager and Senior/Associate Engineer positions will advertise concurrently, posting through mid-December
  - Advertisement for CAD Analyst and Engineering Inspector once the job descriptions are finalized

- g. Capital Improvement Planning:
  - Annual meetings between Engineering and individual Operations Departments commenced in late October and will conclude end of November
  - Annual presentation of Engineering CIP to Staff is scheduled for December 21

# of Monthly Reactive Work Orders



Total Hours on Reactive Work Orders

