

SOUTH TAHOE PUBLIC UTILITY DISTRICT

WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, May 16, 2022

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

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

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
 - Monthly Reactive Work Order Report
 - b. Water System
 - Ongoing water quality concerns on steel mains
 - c. Sewer Collection System
 - No news as of May 11
 - d. Wastewater Treatment Plant (WWTP)
 - Anticipating significant chemical price increases in coming year
 - e. Export System/Recycled Water Facilities
 - Cyanobacteria Sampling at Indian Creek Reservoir (ICR)
3. **ENGINEERING ISSUES**
 - a. General
 - Starting over on Water Resources Manager recruitment
 - Electrical testing of field stations begins May 16 and will take four weeks to complete
 - b. Water System
 - No news as of May 11
 - c. Sewer Collection System
 - Supply chain impacts on electrical equipment for Tahoe Keys Pump Station will impact project schedules for Upper Truckee Pump Station and maybe Bijou Pump Station
 - d. WWTP
 - No news as of May 11
 - e. Export System/Recycled Water Facilities
 - No news as of May 11

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, June 13, 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.stpud.us

ENGINEERING STAFF REPORT (as of May 11, 2022)

CONSTRUCTION PROJECTS

- a. Secondary Clarifier No. 3 Rehabilitation Project (Contractor: TNT Industrial)
 - Late season cold weather storms have delayed replacement of grout layer
 - Currently scheduled for May 19 - weather pending
- b. Rocky 1 Waterline Replacement Project (Contractor: Haen)
 - Liberty connected power drop at Price Road Pressure Reducing Valve (PRV) on May 7
 - Ready to test station
 - Work has commenced at Susquehana PRV
 - Shut down entire zone (150+ customers) for intertie on May 12
- c. Keller Heavenly Phases 1 and 2 Project (Contractor: White Rock)
 - Staff is working to reschedule concrete core of foundation and anchor bolt pull test
 - Work has resumed to tie in new PRV and waterline
 - Shut down will affect 90-100 customers on May 12
 - Decommissioning old PRV on May 13
 - Small shut-down required
- d. Blower Generator, Secondary Clarifiers No.'s 1 & 2, and Tank Backup Power (Contractor: Vinciguerra)
 - Blower Generator commissioning and load bank testing was conducted May 4 and 5
 - Tank backup battery submittal has been approved
 - Ordering can proceed
 - Staff is waiting for contractor to provide updated project schedule for clarifiers
- e. Tahoe Keys Pump Station Rehabilitation Project (Contractor: T&S Construction)
 - Conditional approval of Project permit received from TRPA on May 7
 - Delivery of electrical trailer delayed until November
 - Pushing Project into 2023

- f. Paloma Well Rehabilitation Project (Contractor: Zim Industries)
 - Staff is waiting for contractor to provide updated Project schedule
- g. Bowers & Bijou 2/3 Waterline Replacement Projects (Contractor: Vinciguerra)
 - Contractor has been working to secure Builder's Risk insurance prior to mobilization

PLANNING/DESIGN

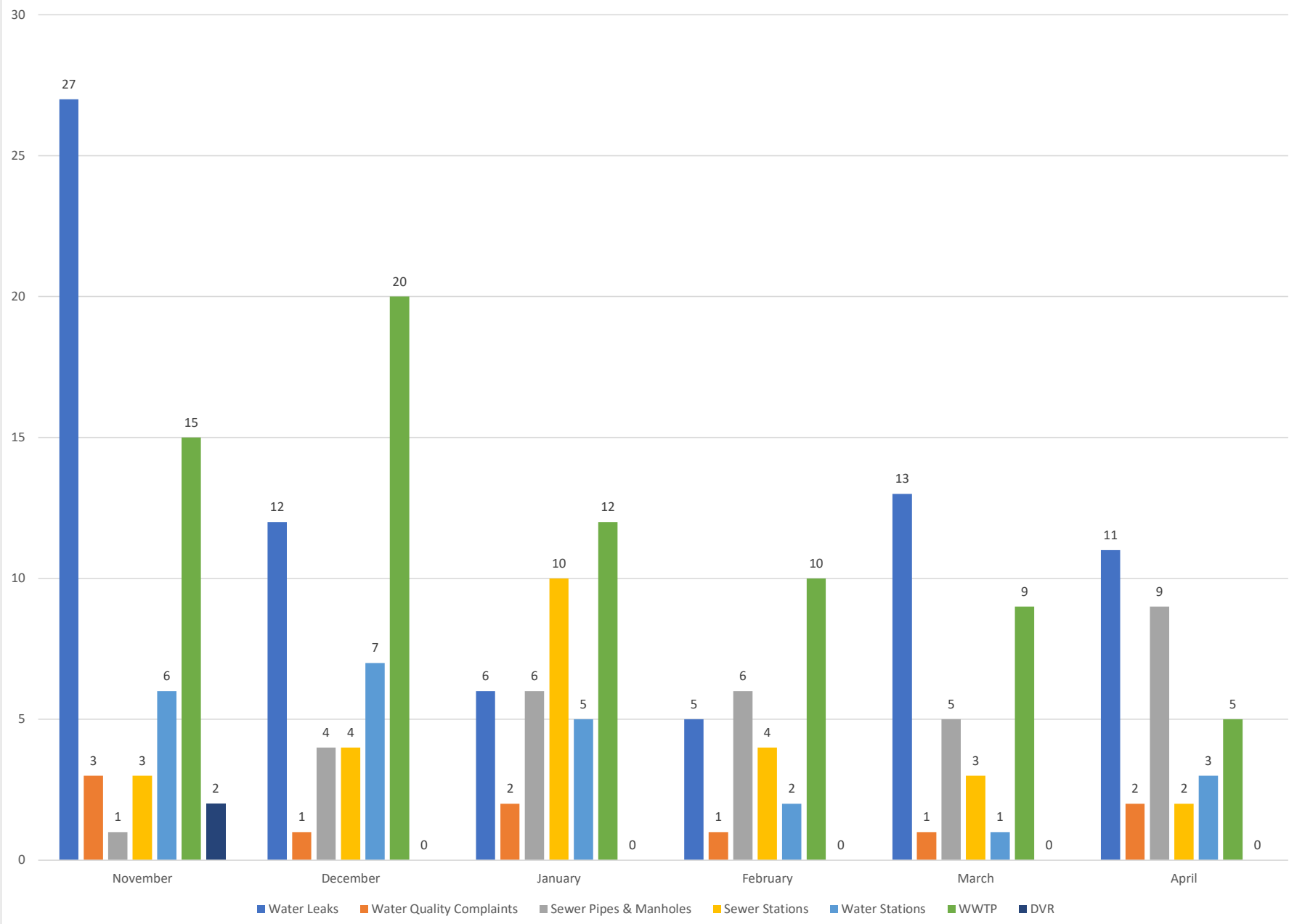
- a. Groundwater Management Planning
 - Groundwater Management Plan (GWMP) Update
 - El Dorado Water Agency adopted Resolution and Plan at public hearing on April 13
 - Board adopted Resolution and held public hearing on April 21
- b. Keller-Heavenly Phase 3 Project (Consultant: Farr West)
 - Project advertised for bid on April 21
 - Mandatory pre-bid meeting held May 5 with six general contractors attending
 - Bid opening scheduled for June 7
- c. Al Tahoe/Bayview Backup Power & Well Rehabilitation Project (Consultant: Kennedy Jenks)
 - Project kickoff meeting held April 21
 - Al Tahoe well tested May 12
- d. Bijou Pump Station Project (Consultant: WSC)
 - Board approved Task Order with WSC on May 5
 - Project kickoff meeting held May 10
 - Staff is working with Carollo to model force main hydraulics to support pump selection
- e. Luther Pass Tanks Rehabilitation Project (Consultant: Bayez and Patel)
 - Staff working with consultant to prepare scope and budget for plans and technical specifications for the Tank 1 Rehabilitation
 - Staff expects to bring the Proposal to the Board for consideration on June 2
- f. Bijou 1 Waterline Replacement Project (NCE)
 - Staff is bringing a Task Order for design services to Board on May 19
- g. Future Waterlines
 - Staff will be completing design of Black Bart Waterline Project for bidding in August
 - Staff will continue design of Herbert Walkup and Pioneer Trail for 2024 construction
 - Staff will bring Notice of Exception for waterline projects to Board on May 19
 - Staff is planning to survey waterlines off Lake Tahoe Blvd and Glenwood/Rancho this summer so designs can proceed this winter
- h. Future Sewerlines
 - Staff is finalizing a recommendation for a Cured-In-Place Pipe (CIPP) Rehabilitation Project in the Keys in 2024

- i. Water System Asset Management Projects
 - Water Station Electrical Condition Assessments (Consultant: WSC/HDR)
 - ERS begins electrical testing on May 16 through June 10 in coordination with Liberty
- j. Sewer System Asset Management Projects
 - WWTP Condition Assessment (Consultant: Water Systems Consultants)
 - Electrical testing to commence in May (see Water Station Electrical Condition Assessments above)
 - Sewer Station Electrical Condition Assessments: See Water Station Electrical Condition Assessments (above)

OTHER

- a. Luther Pass Pump Replacements
 - Staff is preparing to level pump bases
 - Starting with Pump 1
- b. Tahoe Keys Emergency Supply (Consultant: Carollo)
 - First draft of Tasks 1 and 2 report received from consultant on March 27
 - Initial round of comments from staff will go back to consultant to address before distributing to TKPOA for further comment
 - Expect revised draft of report to be available in early May
- c. Community Project Support and Interagency Coordination
 - City's Tahoe Valley Project is bidding, but will need revision to address conflicts with STPUD facilities
 - Staff met with City and Southwest (SW) Gas on April 26 to coordinate Capital Improvement Plan (CIP) Projects
 - Staff met with County and SW Gas on April 27 to coordinate CIP Projects
 - Staff meeting with United States Forest Service (USFS) on May 24 to introduce District staff and projects to USFS Team
 - Staff participated in a panel discussion regarding Caldor Fire at Association of California Water Agencies (ACWA) on May 5 with good results
 - Staff will attend North Tahoe Public Utility District (NTPUD) "All Hands" meeting on May 26 to discuss Caldor Fire
- d. WWTP Solar Project
 - Staff has returned questions to solar teams and will prepare responses for next Ad-Hoc committee meeting on May 19
- e. Engineering Staffing
 - Water Resources Manager
 - Selected candidate backed out
 - Recruitment is restarting
 - Engineering Intern
 - Recruitment is continuing
 - Offers have been made
 - Construction Materials Engineers, Inc., (CME) Inspector joined staff for the summer on May 9

of Monthly Reactive Work Orders



Total Hours on Reactive Work Orders

