



SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, October 17, 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)

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
 - b. Water System
 - Ongoing water quality concerns on steel mains
 - c. Sewer Collection System
 - No news as of October 12
 - d. Wastewater Treatment Plant (WWTP)
 - Vault Inspections
 - e. Export System/Recycled Water Facilities
 - Harvey Place Valve Replacement
3. **ENGINEERING ISSUES**
 - a. General
 - Interim Groundwater Program Manager
 - Liberty request for program support
 - b. Water System
 - Keller Tank Construction
 - Paloma Well Rehabilitation
 - c. Sewer Collection System
 - No news as of October 12
 - d. Wastewater Treatment Plant (WWTP)
 - Secondary Clarifiers 1 and 2
 - e. Export System/Recycled Water Facilities
 - No news as of October 12

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, November 14, 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 October 12, 2022)

CONSTRUCTION PROJECTS

- a. Secondary Clarifier 3 Rehabilitation Project (TNT Industrial)
 - Staff is working with TNT to schedule mediation for grout floor failure in November
- b. WWTP Emergency Generator Project (CalElectro)
 - Closeout agreement approved by Board on October 6. Project is complete.
- c. Luther Pass Tank 2 Replacement (TNT Industrial)
 - The District received one stop notice during the filing period, and has notified TNT
 - Staff has scheduled a meeting with TNT on October 18 to discuss liquidated damages
- d. Rocky 1 Waterline Replacement Project (Haen)
 - Haen completed as-directed extra work at Cold Creek Trail
 - Haen is working to complete as-directed extra work for Bijou Center manhole, before closeout process begins
- e. Blower Generator, Secondary Clarifiers 1/2, and Tank Backup Power (Vinciguerra)
 - Staff continues to request escalation impacts from VC for constructing two clarifiers in 2023, with no formal response
 - Construction of radio tower and tank batteries is continuing
- f. Paloma Well Rehabilitation (Zim Industries)
 - Contractor mobilized October 11; Staff is waiting for new project schedule
 - Customer notifications for project going out October 12
 - Staff will coordinate with CTC for development water discharge
 - Contractor has not responded to directive for South Upper Truckee Well work, so Staff will look for another solution
- g. Tahoe Keys Pump Station Rehabilitation Project (T&S Construction)
 - Expect to complete backfill and paving in roadway prior to October 15, but excavation around wetwell and meter vault will remain open as work continues
- h. Bowers & Bijou 2/3 Waterline Replacement Projects (Vinciguerra)
 - Board approved Notices of Completion on September 15
 - Stop notice filing period ends on October 22
- i. Keller Heavenly Phases 1, 2 and 3 Project (White Rock)
 - Board approved Notice of Completion for Phase 1 on October 6

- Factory coated tank panels have been plagued with coating problems; contractor is addressing the issues
- View Circle waterline replacement completed October 11
- Contractor is helping out URS with relocating a sewer lateral out of Angora Creek
- j. Tanks Touchup Project (Topline Engineers)
 - Forest Mountain tank controls could not be completed in time to touch up tank in 2022
 - Staff is reviewing final change order request and preparing to close out project
- k. Tallac Creek Sewer Crossing (Haen Constructors)
 - All permits received as of October 6, and contractor has begun work
 - Expect work to be out of the water by mid-November if weather cooperates
- l. Black Bart Waterline Replacement Project (Vinciguerra)
 - Three bids received on September 20; low bid below engineer's estimate
 - Board authorized award on October 6; contract in process

PLANNING/DESIGN

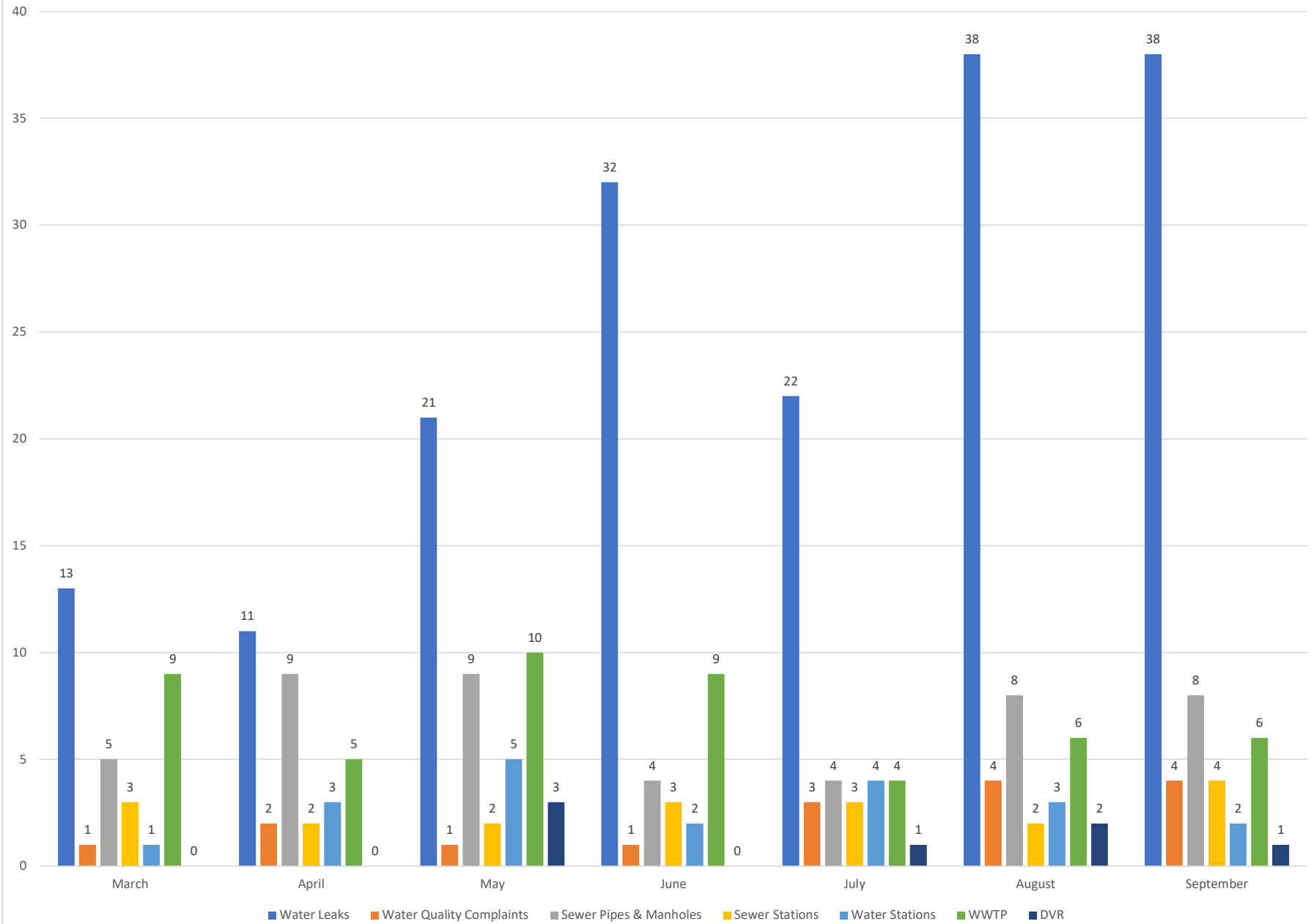
- a. Groundwater Sustainability Agency
 - Interim Groundwater Program Manager: Staff has recruited Sachi Itagaki of Kennedy Jenks to provide a proposal to serve in this capacity through June 30
 - Staff has begun discussions with CTC regarding monitoring groundwater use impacts on dependent ecosystems; CTC is interested in coordinating with STPUD, potentially with funding; DRI is preparing a proposal for Staff to submit to CTC
- b. Al Tahoe/Bayview Backup Power & Well Rehabilitation Project (Consultant: Kennedy Jenks)
 - Consultant submitted final Alternatives Analysis on October 7
 - Consultant scheduled to survey site and power route, and pothole on November 1
- c. Bijou Pump Station Project (Consultant: WSC)
 - 30% Design Review Workshop held on October 11
- d. Luther Pass Tanks Rehabilitation Project (Consultant: Bayez and Patel)
 - Board approved Task Order amendment on October 6 for Tank 1 design support
- e. Bijou 1 Waterline Replacement Project (Consultant: NCE)
 - Staff met with Consultant to discuss 50% comments on October 3
- f. Upper Truckee Pump Station (Consultant: Carollo)
 - Board authorized project for bidding on October 6; project expected to advertise October 14
- g. Future Waterlines
 - Staff completed Engineering Report for first of two SRF Applications
 - Board authorized survey work for Lake Tahoe Blvd area projects on October 6
- h. Water System Asset Management Projects
 - Well Performance Monitoring: Pumps began 2022 testing with Bayview, Al Tahoe and Bakersfield complete
- d. Sewer System Asset Management Projects
 - WWTP Condition Assessment (Consultant: Water Systems Consultants): HDR corrosion specialists completed inspections of concrete boxes, supported by Ops, HM and URS
 - Snowpack and Sewer Flow Monitoring Program (Consultant: Carollo): Staff has visited sites to change batteries and identified two sensors to be replaced before winter

OTHER

- a. Luther Pass Pump Replacements
 - Board authorized purchase of replacement bases for Pumps 1 and 2 on October 6

- b. Tahoe Keys Water System
 - Staff scheduled to present results of Task 1&2 to Keys Board on October 19
 - Consultants for Task 3 scheduled to interview November 1
- c. Community Project Support and Interagency Coordination
 - Staff scheduled to meet with City and SW Gas on October 25 to coordinate CIP
 - Staff scheduled to meet with County and SW Gas on October 26 to coordinate CIP
 - District was copied on a letter from EID to El Dorado County citing concerns with new slurry backfill requirements; EID is looking for the District to weigh in with Tahoe concerns
 - Staff participated in a design discussion with USFS, NHC and GeoSyntec on September 20; investigating opportunities for coordination with future Baldwin sewer work
 - Board approved an easement for the CTC at Martin Well Site on September 15
- d. WWTP Solar Project (Staten)
 - PPA posted for public review October 6, in advance of public hearing on October 20
 - Staff will present major modifications to PPA terms at October 20 Board Meeting
 - Solar AdHoc Committee scheduled to meet October 18
 - Staff is working with CASA representatives to schedule a meeting with CPUC regarding 1MW limit
- e. Engineering Staffing:
 - The Board authorized hiring a new Senior/Associate Engineer and new CAD Analyst on October 6
 - Staff will return Spring 2023 to revisit request for new Engineering Inspector and Staff Engineer
 - Water Resources Manager: This posting has expired, and will be renewed concurrent with a Senior/Associate Engineer position
 - Cross-Training for Engineering Inspections will continue through October, before commencing recruitment for Project Coordinator replacement
 - Staff is working with a recruiting firm to prepare marketing materials prior to advertising positions
 - Asset Management Analyst: Four candidates will be interviewed October 14

of Monthly Reactive Work Orders



Total Hours on Reactive Work Orders

