

SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Tuesday, August 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
 - Fire Hydrant Inspections
 - c. Sewer Collection System
 - No news as of August 10
 - d. Wastewater Treatment Plant (WWTP)
 - Two small tears in Emergency Retention Basin (ERB) liner identified for repair
 - e. Export System/Recycled Water Facilities
 - Diamond Valley Ranch (DVR) Emergency Response – Rain Events
 - Indian Creek Reservoir (ICR) Oxygenation System out of service
3. **ENGINEERING ISSUES**
 - a. General
 - Engineering Staffing Needs
 - b. Water System
 - Bowers Waterline service transfers
 - c. Sewer Collection System
 - No news as of August 10
 - d. Wastewater Treatment Plant (WWTP)
 - No news as of August 10
 - e. Export System/Recycled Water Facilities
 - No news as of August 10

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, September 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.stpud.us

ENGINEERING STAFF REPORT (as of August 10, 2022)

CONSTRUCTION PROJECTS

- a. Secondary Clarifier 3 Rehabilitation Project (TNT Industrial)
 - Staff issued a letter on August 12 in response to Contractor's \$127K claim for replacing failed grout layer, requesting a meet and confer conference be scheduling
- b. WWTP Emergency Generator Project (CalElectro)
 - Staff will bring a Notice of Completion for Board consideration on August 18
- c. Luther Pass Tank 2 Replacement (TNT Industrial)
 - Staff submitted Notice of Completion to El Dorado County on July 22, but it has not been recorded pending acceptance of electronic signatures for County file
- d. Rocky 1 Waterline Replacement Project (Haen)
 - Price Road PRV to be online by mid-August
 - Final PRV Controls Testing, paving, Primrose Fire Hydrant and remaining Mackedie services expected to be complete by end of August
- e. Blower Generator, Secondary Clarifiers 1/2, and Tank Backup Power (Vinciguerra))
 - Staff preparing draft change order for contract changes due to funding delay of Secondary Clarifiers, for VC to add associated price escalation proposal
 - Board approved change order for Radio Tower on July 21
 - Staff has approved the tank battery foundation; cabinets delayed until November
- f. Paloma Well Rehabilitation (Zim Industries)
 - On August 4, Board approved extension of contract time to October 28, 2022, for supply chain impacts
 - Customer notifications of project sent by August 12
 - Casing liner installation scheduled to begin by August 26
- g. Tahoe Keys Pump Station Rehabilitation Project (T&S Construction)
 - Wetwell excavated to full depth and base slab is in place
 - Contractor continues to work on manhole installation and yard piping
 - Full closure of Keys Blvd north of Venice scheduled for August 15 to September 15
- h. Bowers & Bijou 2/3 Waterline Replacement Projects (Contractor: Vinciguerra)
 - Bowers tie-ins completed August 9; services being transferred and final paving scheduled week of August 15

- i. Keller Heavenly Phases 1, 2 and 3 Project (White Rock)
 - V&C poured new tank foundation on August 7; tank construction will commence as soon as concrete reaches strength
 - View Circle waterline replacement expected to commence early September
- j. Tanks Touchup Project (Topline Engineers)
 - Backwash tank completed and returned to service July 25
 - Pumps took Iroquois 2 tank offline August 1 to install cathodic protection brackets
 - Topline returned to finish Sludge Tank August 9 and plan to move to Iroquois 2 August 11
- k. Tallac Creek Sewer Crossing (Haen Constructors)
 - Board awarded bid to Haen on July 21
 - Notice to Proceed issued on August 11; expect to mobilize September 6
 - Project permitting activities continuing (biggest concern is Army Corps)

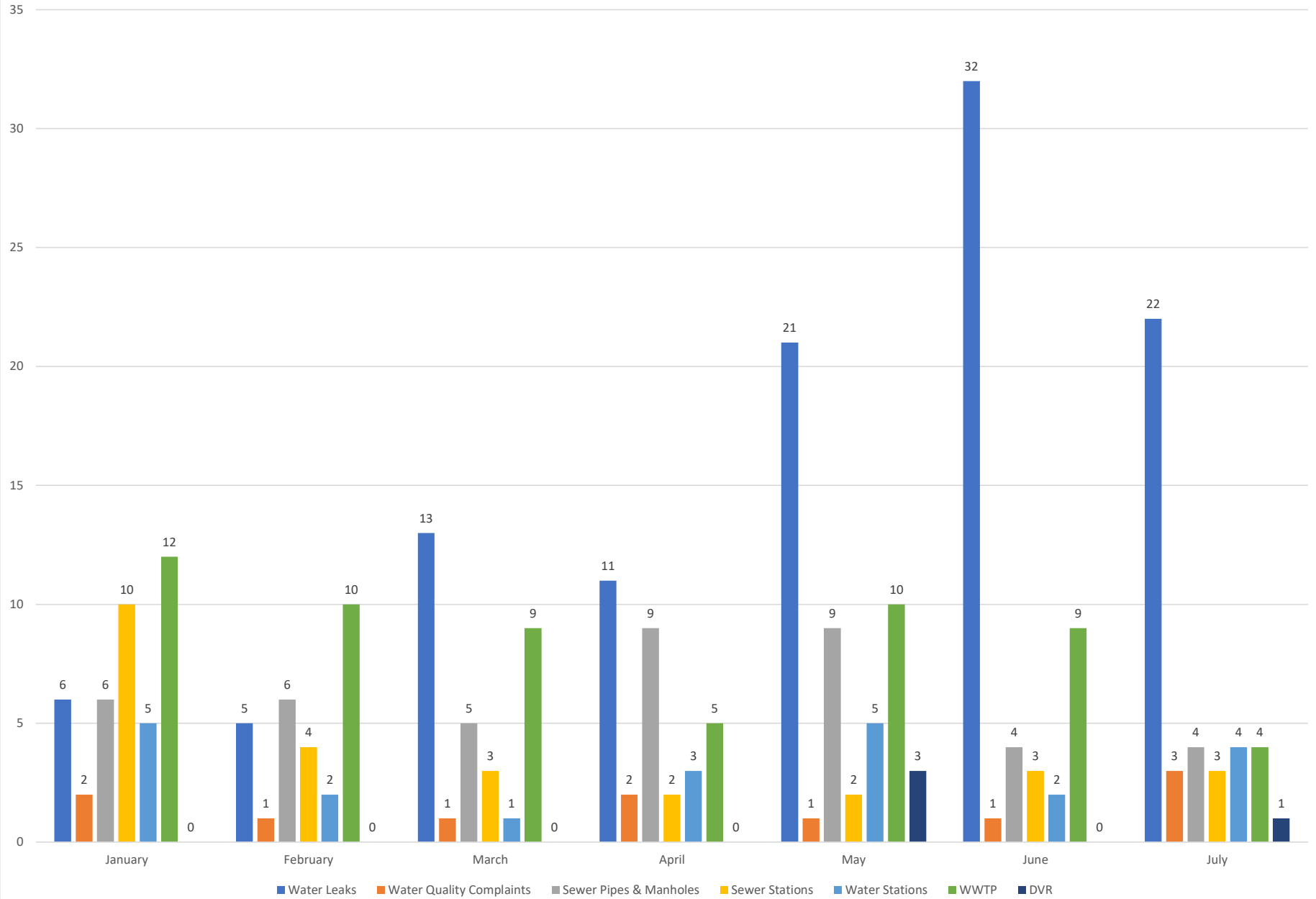
PLANNING/DESIGN

- a. Groundwater Management Planning
 - Groundwater Sustainability Agency: SAG Workshop scheduled for August 24 to discuss
 - Drought executive order and basin impacts
 - Development plan for monitoring shallow groundwater around SEZs
 - Lahontan update on PCE plume characterization
 - Project concepts for Sustainable Groundwater Management Grant Program
 - Groundwater Management Plan: Alternative Plan posted for public comment on May 16; no comments received as of August 9; comments received through September 25
- b. Black Bart Waterline Replacement Project
 - Board approved Authorization to Bid on July 21; project advertised July 29
 - Mandatory Pre-Bid Meeting held August 9; 8 contractors attended
 - Bid opening scheduled for September 13
- c. Al Tahoe/Bayview Backup Power & Well Rehabilitation Project (Consultant: Kennedy Jenks)
 - Consultant workshop to review Alternative Evaluation held July 26
 - Final draft expected week of August 8
- d. Bijou Pump Station Project (Consultant: WSC)
 - Draft of Alternatives Evaluation due from consultant by July 15
 - Surveyor on-site to scan station and wetwell August 9
- e. Luther Pass Tanks Rehabilitation Project (Consultant: Bayez and Patel)
 - Staff scheduled to conduct interior inspection of Tank 1 on August 17
- f. Bijou 1 Waterline Replacement Project (Consultant: NCE)
 - Project did not receive State funding for construction in 2023, so project schedule will slide into 2024
 - Staff authorized 50% design deliverable delay of 3 weeks to end of August
- d. Water System Asset Management Projects
 - Well Performance Monitoring: Pumps scheduled to begin 2022 testing in September
 - Fire Hydrant Assessment: AMA Crosstraining opportunity has a focus on reviewing data to develop a long term plan
 - Recirculatory Flushing: No-Dez mobilized August 10 to Al Tahoe neighborhood for four weeks of flushing
- e. Sewer System Asset Management Projects
 - WWTP Condition Assessment (Consultant: Water Systems Consultants): HDR corrosion specialists scheduled to inspect concrete boxes late September / early October
 - Sewer Station Monitoring Systems: Staff is visiting select stations in August to collect motor control center information needed to pilot monitoring system

OTHER

- a. Luther Pass Pump Replacements
 - White Rock Construction began working on re-installation of the Pump 1 base on August 8 under As-Needed Sewer Services for Heavenly Keller Phase 3 Project
- b. Tahoe Keys Emergency Supply (Consultant: Carollo)
 - In July, Keys Board and STPUD Board both authorized formation of a committee to explore the path to system consolidation
 - Staff provided consultant proposals to committee on August 9, and is awaiting direction to commence with Phase 3
- c. Community Project Support and Interagency Coordination
 - Staff is rescheduling workshop with TCPUD Staff (planned for July 20) to share Caldor Fire lessons learned
 - Staff conducted virtual workshop for Calleguas Water District on August 9 to share Caldor Fire lessons learned
 - Staff met with Lake Valley Fire District July 19 to discuss options for Post Office Building
 - Staff attended ground-breaking ceremony August 2 for City's Recreation Center
- d. WWTP Solar Project (Staten)
 - Staten switched investors and provided new comments on Power Purchase Agreement and License Agreement for use of property on July 29
 - Staff is reviewing comments and is scheduled to discuss with Staten on August 17
 - Staff is now targeting October 6 to bring contracts to Board for consideration
- e. El Dorado Water Agency: Staff meeting with EDWA General Manager on August 17
- f. Engineering Staffing:
 - Water Resources Manager: Most recent interview was unsuccessful; Staff will refresh advertisement in hopes of reviewing applications in mid-October
 - Asset Management Analyst: a one-month cross-training opportunity for existing District Staff is underway; recruitment will begin August 15
 - Staff Engineer: one candidate was selected from July interviews; pre-employment process is underway
 - Engineering Technician: Staff is updating the job description prior to commencing recruitment to refill the vacant Project Coordinator position; a one-month cross-training opportunity was advertised August 10, to be held in September/October
 - Staff is developing a proposal to add Engineering Staff in support of expanded CIP

of Monthly Reactive Work Orders



Total Hours on Reactive Work Orders

