



SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, January 13, 2023

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

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

Nick Haven

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
 - Storm response – I&I and Bellevue Pump Station
 - d. Wastewater Treatment Plant (WWTP)
 - Storm response – EMPS Motor
 - e. Export System/Recycled Water Facilities
 - Luther Pass Pumps rehab
3. **ENGINEERING ISSUES**
 - a. General
 - County letter regarding trench backfill requirements
 - b. Water System
 - Coordination with City and County storm drain projects
 - c. Sewer Collection System
 - No news as of February 8
 - d. Wastewater Treatment Plant (WWTP)
 - No news as of February 8
 - e. Export System/Recycled Water Facilities
 - No news as of February 8
4. **DISCUSSION OF STAFF REPORT** (Board Members pull items of interest from Engineering Staff Report below for further discussion)

5. SPECIAL REPORT

- a. Local Area Technical Assistance Grant award (Chris Skelly)
- b. CIP – Next 5 Years (Julie Ryan)

6. ADJOURNMENT (Next meeting is planned for Monday, March 13, 2023, 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 February 8, 2023)

CONSTRUCTION PROJECTS

- a. Secondary Clarifier 3 Rehabilitation Project (TNT Industrial)
 - Staff approved settlement with TNT for grout floor failure and project is in closeout
- b. Luther Pass Tank 2 Replacement (TNT Industrial)
 - Staff attend mediation with TNT for liquidated damages on January 26
 - Staff is preparing deductive change order for Board consideration on February 16
- c. Rocky 1 Waterline Replacement Project (Haen)
 - Staff is preparing Closeout Agreement for Board consideration on February 16
- d. Blower Generator, Secondary Clarifiers 1/2, and Tank Backup Power (Vinciguerra)
 - Board authorized rebid of Secondary Clarifier 2 on February 2
 - Staff is preparing descoping change order for Secondary Clarifiers 1 and 2 for Board consideration in March
 - Secondary Clarifier 2 project rebid will advertise on February 10; mandatory pre-bid to be held Feb 23, 10 am
- e. Luther Pass 1 / Heavenly Tanks Rehabilitation Project (Contractor: TBD)
 - Invitation to Bid advertised February 3
 - Mandatory pre-bid meeting scheduled February 13, 10 am
 - Bid opening scheduled March 7, 2 pm
- f. Flagpole 2 / Iroquois 2 Tanks Recoating Project (Contractor: TBD)
 - Board approved authorization to Bid on February 2
 - Staff plans to advertise bid on February 10
 - Bid opening scheduled March 14, 10 am
- g. 2023 Tanks Touchups Project (Contractor: TBD)
 - Board approved authorization to Bid on February 2
 - Staff plans to advertise bid on February 17
 - Bid opening scheduled March 21, 10 am

PLANNING/DESIGN

- a. Groundwater Sustainability Agency (Consultants: Kennedy Jenks and DRI)
 - Staff is working with consultants to prepare 2022 Water Year Annual Report (due April 1)
 - Consultant will be contacting Lukins and Tahoe Keys for water quality data
- a. Al Tahoe/Bayview Backup Power & Well Rehabilitation Project (Consultant: Kennedy Jenks)
 - Design workshop held January 12

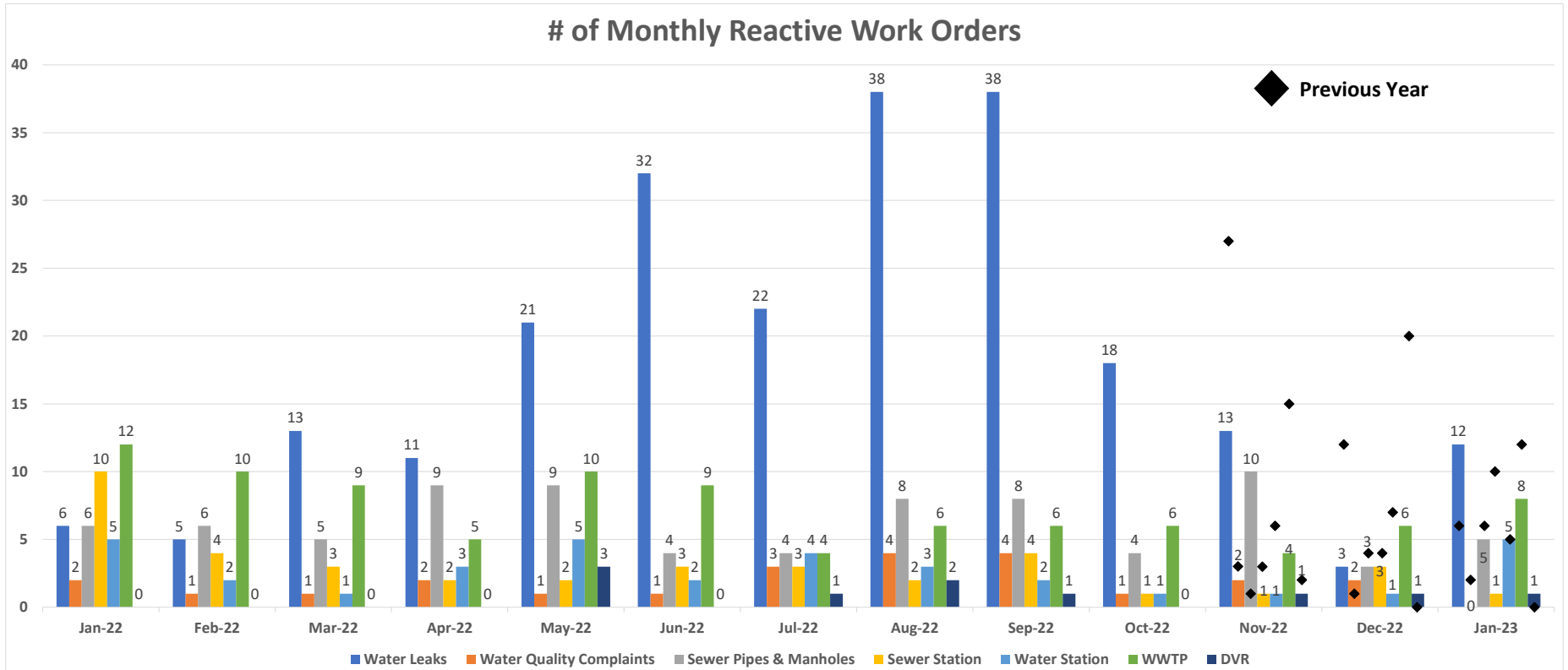
- Staff is working with consultant to prepare Task Order Amendment for Board consideration on February 16, allowing consultant to proceed with design phase
- b. Bijou Pump Station Project (Consultant: WSC)
 - Staff is preparing to re-run pump performance tests week of February 13
 - Staff is routing 90% plans and specs in-house for review by end of February
- c. Filters 1 and 2 Rehabilitation Project (Consultant: None)
 - Staff met to discuss scope of work and has begun preparing plan set for late spring bidding
- d. Bijou 1 Waterline Replacement Project (Consultant: NCE)
 - Consultant submitted 90% design for review
- e. Herbert Walkup Waterline (Consultant: TBD)
 - Due to delay in recruiting CAD Analyst, Staff will commence RFP process for consultant design in time for mid-summer bid
- f. Lower Shops Master Plan (Consultant: TBD)
 - Staff kickoff meeting scheduled for February 28 in advance of preparing RFP
- g. Water System Asset Management Projects
 - Production Meter Calibration: RFP advertised on February 1; proposals due February 28
 - Fire Hydrant Monitoring: Maintenance program ready to roll out, pending completion of Laserfiche form for use by URW
 - Lead Service Line Assessment: Staff is continuing to assess how to compile, collect and analyze our data, with a goal of presenting our progress to upper management by end of April
 - CMMS Replacement: Staff kickoff scheduled for April 18 with Staff and Isle Utilities
 - Satellite Leak Detection: Staff has requested a proposal from Asterra for 2023 survey, including costs for adding Lukins, Keys and Lakeside
- h. Sewer System Asset Management Projects
 - Snowpack and Sewer Flow Monitoring Program (Consultant: Carollo): Staff visited flow monitoring stations that require manual data collection during January storms
 - C-Line Inspection: Staff is meeting to make a plan for inspection in 2023; last inspection was 2012
- i. General Asset Management Projects
 - GIS Dashboards: Manhole inspection dashboard is now in beta testing phase
 - Electrical Condition Assessments: Staff met with consultants (WSC and HDR) on February 2 to review findings from testing and plan next steps (recommendations for replacement and monitoring)

OTHER

- a. Luther Pass Pump Replacements
 - Piping modifications to Pump 1 have been completed, and returned to service; however, the pump continues to see climbing vibrations and is working with HDR to further assess causes
- b. Emergency Pump Station Motor Failure
 - Staff is sending 600 hp motor out for rebuild by February 10
 - Staff is working with consultants to further diagnose electrical and structural contributors
- c. Diamond Valley Ranch
 - Staff is working with consultants to prepare DVR Annual Irrigation Report (due February 1) and Indian Creek Reservoir Annual TMDL Report (due February 15); will be taking advantage of 10-day grace period for submission to Lahontan

- d. Tahoe Keys Water System
 - The 3x3 Committee met on January 31 to discuss plans for funding and executing Phase 3 of the assessment
 - Staff has been directed to commence with Task 3A (Review Existing Condition Documentation and Develop Workplan for Condition Assessment/Alternative Evaluation)
- e. Community Project Support and Interagency Coordination
 - Staff met with USFS regarding Taylor-Tallac Restoration project and is compiling design criteria for Baldwin Beach Sewer Relocation for possible inclusion in USFS project
 - Staff will meet with El Dorado County on February 9 to discuss changes to trench backfill requirements and District's concerns, prior to finalizing comment letter
 - Staff received draft plans from County for storm drain improvements on San Bernardino Ave, which could require relocating up to 1000 feet of water main; staff performing detailed review
 - Staff is preparing a bid package to install or replace up to 15 valves in the Barton/3rd Ave area to facilitate shut-downs during the City's upcoming storm drain project
 - Staff submitted a priority list of facilities to Liberty for consideration in planning outages
 - Staff received new landscape irrigation data from DWR and will be compiling a response
- f. WWTP Solar Project (Staten)
 - Staff returned comments to Staten on 50% design on January 25
 - Staff will meet with Staten on February 8 to discuss comments, permitting and future meetings
- g. Grants
 - On January 26, Staff received a notice of award from CPUC for a \$491K Local Area Technical Assistance Grant to plan a fiber optic network to connect the District's field stations; Staff is bringing the Letter of Consent to the Board for consideration February 16
 - Staff has been working with Cal OES to clarify application, scoping and implementation requirements to improve the District's management of grants.
- h. Engineering Staffing:
 - Water Resources Manager: two candidates scheduled to interview on February 15, and three more in consideration for interview on March 2
 - Senior/Associate Engineer: two candidates scheduled to interview on February 15
 - Recruitments for Engineering Inspector, CAD Analyst and Part-time Contracts Assistant have not yet commenced
- i. Capital Improvement Planning:
 - Annual presentation of Engineering CIP to Board scheduled for February 16 at 12 pm

of Monthly Reactive Work Orders



Total Hours on Reactive Work Orders

