



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

Monday, March 18, 2024

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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Nick Haven

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
    - General Report on Field Operations – Pumps (Sewer)
    - Monthly Reactive Work Order report
  - b. Water System
    - Wells Status Update
  - c. Sewer Collection System
    - No news as of March 13
  - d. Wastewater Treatment Plant (WWTP)
    - No news as of March 13
  - e. Export System/Recycled Water Facilities
    - Cyanobacteria Levels at ICR
    - Pump 2 Repairs at Luther Pass Pump Station
3. **ENGINEERING ISSUES**
  - a. General
    - No news as of March 13
  - b. Water System
    - No news as of March 13
  - c. Sewer Collection System
    - Stanford Camp Electrical/Generator Building
    - Corrosion at Pope Beach Pump Stations
  - d. Wastewater Treatment Plant (WWTP)
    - No news as of March 13
  - e. Export System/Recycled Water Facilities
    - No news as of March 13

4. **DISCUSSION OF STAFF REPORT** (Board Members pull items of interest from Engineering Staff Report below for further discussion)
5. **ADJOURNMENT** (Next meeting is planned for Monday, April 15, 2024, 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.

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## **ENGINEERING DEPARTMENT REPORT (as of March 13, 2024)**

### **CONSTRUCTION PROJECTS**

- a. Barton Area Valves Installation (Contractor: Haen)
- Staff filed Notice of Completion with the County on February 29; Staff is working with Contractor to prepare the final Change Order, including payment for spill cleanup at Indian Creek Reservoir, for Board consideration on April 18
- b. Keller Heavenly Phase 3 Project (Contractor: White Rock)
- Demolition of second old tank ongoing and should be complete by end of March
  - Change Order request for Fall work at Stanford Camp have been submitted by Contractor and are in review by Staff for payment under the ongoing 2023 Winter Storms Emergency
- c. Tahoe Keys Pump Station (Contractor: T&S Construction)
- Electrical installation is ongoing with drives delivered March 12
  - SRF denied request for construction extension; new power service will be completed as part of Upper Truckee PS to allow work to Tahoe Keys contract to be completed by July 31
  - Staff preparing a Change Order for Board consideration March 21 for various changes to the work that have accumulated since the start of construction in 2022
- d. Paloma Well Rehabilitation (Contractor: Zim Industries)
- Staff completed flushing to meadow, disinfection and testing
  - Well passed all tests and was returned to service on February 28; after a week of running full time, well is back to one day per week operation for remainder of winter season
  - Staff is working with Contractor on Project Closeout
  - Baseline well efficiency test schedule for March 20
- e. WWTP Filters 3 and 4 Rehabilitation Project (Contractor: TBD)
- Two bids received on March 7, with ERS the apparent low bidder
  - Staff is reviewing bids and preparing recommendation for award for Board consideration March 21
- f. Herbert Walkup Waterline Project (Contractor: Vinciguerra)
- Contractor plans to mobilize mid-April and start waterline installation on May 1
  - Staff is working with Lahontan to determine if the extent of disturbance triggers the need for a SWPPP for this project (>1 acre); this is the first waterline project of this size to be completed by the District
- g. Stanford Camp Electrical and Generator Building (Contractor: TBD)
- One bid from White Rock received 2/20 with a bid price 80% over engineer's estimate
  - Haen filed a protest over Planet Bids issues; Board directed staff to rebid the project

- Staff is working with WSC to update the estimate and value engineer select systems prior to re-advertising the project for bidding at a date to be determined
  - Staff preparing a Task Order Amendment for Board consideration March 21 for WSC to support permitting, surveying, construction period services, conformed plan set, and as-directed services.
- h. 2024 Tank Touchups (Contractor: TBD)
- Bid opening scheduled for March 19
- i. SUT Well Rehabilitation (Contractor: Carson Pump)
- Contractor on track to begin work in early April, pending arrival of pump, execution of access agreement with El Dorado County for discharge piping and approval by Lahontan of project permits; work is expected to take two weeks to complete
- j. Upper Truckee Pump Station (Contractor: T&S)
- Temporary repairs of Holding Ponds at WWTP being added to contract as As-Needed Sewer Services; Contractor expected to mobilize to WWTP by end of March to perform temporary repairs including removal of spalling concrete, filling cracks and filling voids under center berm with polyfill; work to be complete by May 1
- k. Apache Avenue WL Replacement (Contractor: County Contract)
- Board approved reimbursement agreement with County on February 1
  - Bid opening for County project, including waterline, is scheduled for March 21

### **PLANNING/DESIGN**

- a. Groundwater Sustainability Agency (Consultants: Kennedy Jenks and DRI)
- Semi-annual Stakeholders Advisory Group meeting held February 8<sup>th</sup> at District; topics included: results of Water Year 2023 Annual Report, updates on groundwater management activities, regulatory action and orders, project priorities and funding sources
  - 2023 Water Year Annual Report submitted to DWR on March 8, ahead of the April 1 deadline
  - New web portal has gone live [<https://southtahoe.gladata.com/> ]
- b. Al Tahoe/Bayview Backup Power & Well Rehabilitation Project (Consultant: Kennedy Jenks)
- On March 7, Board approved additional scope of work from KJ to finalize design and provide services during construction for Well Rehab Project
  - Revised scope of work eliminates conduit run on Tallac Ave for powering either Bayview and Al Tahoe from single permanent generator at Al Tahoe, in favor of mobile generator located at Al Tahoe that can be relocated to Bayview temporarily during extended outages of Al Tahoe, saving the District several million dollars; grant application to FEMA withdrawn
  - Staff intends to add 10-Year maintenance of Bayview VFD into the contracted scope of work for the project
- c. Baldwin Beach Gravity Sewer and Pump Station Project (Consultant: NHC)
- Staff will meet with USFS on April 2 to review 60% design of meadow project, so modifications can be incorporated into District project
- d. Return Activated Sludge Project (Consultant: Carollo)
- Lahontan has directed the District to perform an investigation to determine the extents of contamination; Staff will be working on a delineation plan this Summer
  - On March 7 Board approved Task Order Amendment for consultant to proceed with Basis of Design Report, 60% and 90% Designs
  - Scope of design selected from Alternatives Evaluation includes new centralized RAS station

- e. Blower System Improvements (Consultant: Carollo)
  - Staff met with Consultant to discuss needs for Bio Building HVAC Design and is expecting a Tech Memo with recommendations to be submitted by mid-April
- f. Pioneer Trail Waterline and PRVs (Consultant: Staff)
  - Spending measure passed by Congress on March 8 includes \$1M for Pioneer Trail Waterline; last hurdle is signature by President
  - 75% design of pipeline is complete; Staff will resume design in time for bidding Fall 2024
  - Grants is working with Staff to finalize SRF Loan in time for construction starting May 2025
  - BOR will take the lead on updating environmental for Washoan-Acoma PRV; construction deadline will be extended to Fall 2025
- g. Meters Cleanup Project (Consultant: Staff)
  - Loop Road Area Meters, originally planned to bid and construct in 2024, has been postponed to pursue potential grant funding from Bureau of Reclamation
- h. Water System Asset Management Projects
  - Production Meter Testing: Six more curb stops need to be installed by Pumps prior to commencing testing in April or May
- i. Sewer System Asset Management Projects
  - Recycled Water Strategic Plan (Carollo): Team finished meeting with all external partners; Carollo will have a draft Alternatives valuation submitted by end of April
- j. General Asset Management Projects
  - SCADA Upgrades: Staff has a check-in meeting scheduled with West Yost on March 19
  - GIS Field Maps: Staff is working on rolling out field maps to crews in April, in coordination with IT
  - Field Comms (Consultant: Thunderbird): Staff is working with the consultant to prepare a Task Order Amendment to perform follow-up radio path surveys for the Fallen Leaf Stations to confirm communications are improved with the upgraded radio equipment and tower
  - Crossings Assessment (Consultant: Stantec): Consultant submitted final draft report, which will be finalized by March 15
  - Cathodic Protection Baseline: Sewer Station Condition Assessment field work completed February 29; Pope Beach Stations of grave concern for collapse and staff safety; On February 29, Staff issued to two consultants an RFP for baseline assessment of remainder of CP systems (water and sewer), with a due date for proposals on March 29

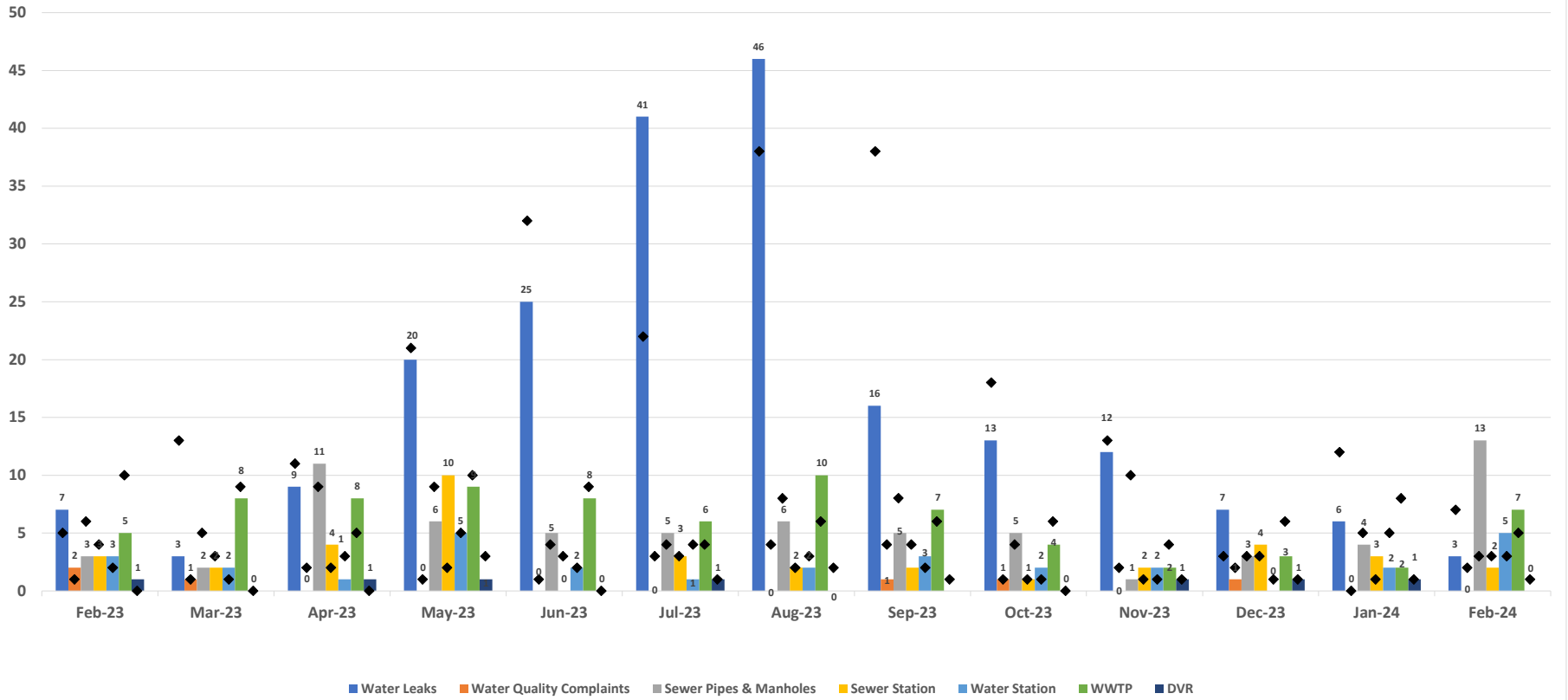
## **OTHER**

- a. Winter Storm Emergencies
  - Staff is working with Grants to finalize submissions to FEMA in advance of next meeting with FEMA on March 19
  - Staff submitted to Lahontan on March 12 the Baseline Condition Assessment, Qualitative Assessment, Photo Monitoring, and STPUD Long-Term Plan for Bellevue Pump Station, fulfilling the remaining requirements for the emergency work performed at the “beach breach” in March 2023
- b. Tahoe Keys Water System Assessment (Consultant: Kennedy Jenks)
  - Staff is scheduled to meet with consultant March 28 to discuss data gaps in the workplan and next steps for the development of alternatives
  - Staff has completed development of the Keys hydraulic model, and is preparing a tech memo to summarize how it was assembled; next steps will be work with consultants on inputs for fire flow analyses
- c. Community Project Support and Interagency Coordination
  - Pioneer Trail Pedestrian Improvements – City has requested Staff to provide a letter of responsibility for water and sewer utilities

- d. WWTP Solar Project (Developer: Staten)
  - District received Interconnection Agreement from Liberty for review and signature
  - Staff met with TRPA and Staten on February 28 to discuss expediting third party review
  - TRPA Permit Application will be considered by Governing Board on April 24
- e. Capital Improvement Planning:
  - Staff presented primary changes to CIP at Public Meeting on February 29
  - Next Public Meeting scheduled for April 25; Staff will make a brief presentation on CIP highlights
- f. Contracts Management
  - Staff has reviewed the first batch of documents scanned and digitized under contract with a scanning service; 17 boxes of prior employee files can now be disposed; Staff is preparing the next batch of boxes to send out
  - Staff has resumed archival of prior project files in accordance with the District's Document Retention Policy

# of Monthly Reactive Work Orders

◆ Previous Year



Total Hours on Reactive Work Orders

