



SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, August 16, 2021

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

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

Please join the meeting from your computer, tablet or smartphone:

<https://global.gotomeeting.com/join/849658325>

You can also dial in using your phone:

United States 1-571-317-3112

Access Code: 849-658-325

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
 - No news as of August 9
 - b. Water System
 - Sierra Tract Unidirectional Flushing Program
 - System-wide hands on assessment of fire hydrants has commenced
 - c. Sewer Collection System
 - No news as of August 9
 - d. Wastewater Treatment Plant (WWTP)
 - Lab will be sampling WWTP Monitoring Wells for polyfluoroalkyl substances (PFAS) for the first time this Fall
 - Staff is bringing conversion of Operator-in-Training (OIT) to Operator 1 to Board on August 19
 - e. Export System/Recycled Water Facilities
 - Tamarack Fire and Debris Flow Emergency Response
 - Cyanotoxin sampling of Indian Creek Reservoir (ICR) will proceed in late August as planned

3. ENGINEERING ISSUES

- a. General
 - No news as of August 9
- b. Water System
 - Paloma Well Negotiations
 - New Keller Tank Foundation
- c. Sewer Collection System
 - Tallac Creek Crossing Protection Project Status
- d. Wastewater Treatment Plant (WWTP)
 - No news as of August 9
- e. Export System/Recycled Water Facilities
 - No news as of August 9

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 13, 2021, 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
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ENGINEERING STAFF REPORT (as of August 9, 2021)

CONSTRUCTION PROJECTS

- a. Luther Pass Tank No. 2 and Site Valving (Contractor: TNT Industrial)
 - Tank No. 2 reconstruction continues
 - Exterior coating underway
 - Roof install begins August 24
 - New sleeve valve installed July 14
 - Holding pressure
 - Flow test after Tank No. 2 in service
- b. Secondary Clarifier No. 3 Rehabilitation Project (Contractor: TNT Industrial)
 - Mechanism foundation poured August 10
 - Next concrete pour ties foundation to floor
 - Return Activated Sludge (RAS) pipe installed and encased below clarifier slab
 - Not yet connected to existing RAS
 - Mechanism installation scheduled for early September

- c. Rocky 1 Waterline Replacement Project (Contractor: Haen)
 - Rocky Waterline installation underway
 - Progress is slow due to excessive rock
 - Staff is considering postponing Stewart and Mackedie work to 2022
- d. Keller Heavenly Phase 1 Project (Contractor: White Rock)
 - Tank foundation poured August 10
 - Rock slope stabilization to commence late August
 - Saddle Pressure Regulating Valve (PRV) excavated
 - Mostly rock
 - Sherman Way Waterline nearing completion
 - Testing and disinfection week of August 16
- e. Keller Heavenly Phase 2 Project (Contractor: White Rock)
 - Board awarded Project on July 15
 - Contract execution underway
- f. Blower Generator, Secondary Clarifiers No.'s 1 and 2, and Tank Backup Power (Contractor: Vinciguerra)
 - Partial Stop Notice still in effect pending approval from FEMA for Blower Generator
 - Staff is continuing to work with contractor to value engineer Tank Backup Power scope
 - Secondary Clarifiers funding approved by State Revolving fund (SRF)
 - Contract in development
 - FEMA application was rejected
 - Staff preparing Contract Change Order for extra work process for FEMA requirements
- g. Diamond Valley Ranch (DVR) Siphon Repair (Contractor: Christian Brothers Lining)
 - Liner installation complete
 - Except for testing of manway
 - Postponed for fire response
- h. Tank Coatings Touchup Project (Contractor: Topline Engineers)
 - Contractor began work at Angora Tank on August 9
 - Touchup work at Lookout and Forest Mountain will follow in September
- i. Tahoe Keys Pump Station (Contractor: T&S Construction)
 - Contract execution is underway
 - Expect to issue Notice to Proceed by end of August
 - Staff is preparing project permit application for TRPA and City Encroachment Permit

PLANNING/DESIGN

- a. Groundwater Management Planning
 - Staff met with representatives from Tahoe Keys on July 29 to discuss their concepts for a potential Prop 1 Implementation Grant application to provide more supply and address PCE contamination at Tahoe Keys Property Owners Association (TKPOA) wells
 - Groundwater Management Plan Update
 - Staff is meeting this week with Desert Research Institute (DRI) to discuss their progress with the Groundwater Management Plan Update
 - Staff expects to have full document compiled by end of September for routing to Stakeholder's Advisory Group SAG for comment

- b. Paloma Well Rehabilitation (Consultant: Domenichelli)
 - On July 15, Board approved staff to negotiate scope and price with Zim Industries
 - Staff is evaluating the new scope options and prices
 - Expects to bring the Board a recommendation for a Contract on August 19
- c. Upper Truckee Pump Station Rehabilitation (Consultant: Carollo)
 - State requested a supplemental map of cultural resources for SRF Loan application
 - Staff provided it to state first week of August
- d. Keller-Heavenly Phase 3 Project (Consultant: Farr West)
 - Consultant preparing proposal for final design and bid documents
 - Keller Booster Improvements being added to design scope using remaining SRF Loan
- e. Blower System Improvements Design (Consultant: Carollo)
 - Staff is reviewing proposal from Carollo
 - Expect to bring to Board on September 2
- f. Tallac Creek Crossing (Consultant: NHC)
 - Staff has commented on consultant's fish relocation plan, which is required by United States Forest Service (USFS)
 - Staff is working on updating regulatory applications for Fall 2021 or Fall 2022 construction
- g. Future Waterlines
 - Survey for Pioneer Trail and Herbert Walkup Waterline Projects is proceeding
 - Staff will begin design of Pioneer Trail Waterline on August 23
- h. Water System Asset Management Projects
 - Water Station Backup Power
 - Application for FEMA Mitigation Funds for a backup generator for Al Tahoe/Bayview Wells being recommended by Office of Emergency Services (OES) to FEMA
 - Water Crossings Condition Assessment
 - See Sewer Crossings Condition Assessment
 - Cathodic Protection Pilot Study
 - Consultant submitted proposal for soil and continuity testing of three potential project areas, but not funded in Fiscal Year 2022
 - Shelve until Spring
- i. Sewer System Asset Management Projects
 - WWTP Condition Assessment (Consultant: Water Systems Consultants)
 - Structural field assessments completed late July/early August
 - Staff reviewing proposals for underground piping assessment
 - Consultant preparing recommendations for further electrical testing
 - Sewer Station Electrical Condition Assessments: Consultant preparing recommendations for further electrical testing
 - Recycled Water Strategic Plan (Consultant: TBD)
 - Carollo selected after July 12 interviews
 - Plan to bring recommendation to Board on September 2

- Sewer Crossings Condition Assessment (Consultant: Cardno)
 - Consultant is reviewing District information and developing priority list for field work
 - Scheduled to begin after Labor Day
 - Underground Repair Sewer (URS) is currently performing Closed Circuit Television (CCTV) of accessible sewer crossings

OTHER

- a. Tahoe Keys Emergency Supply
 - Intertie is open, but no flow
 - Backflow assembly has not yet been installed at intertie
 - As of August 9:
 - Reimbursement Agreement has not yet been approved by Tahoe Keys Board
 - Request for Proposal (RFP) is being reviewed based on Tahoe Keys comments
 - Issuance on hold pending Tahoe Keys Board approval (next meeting August 16)
- b. Water Audit
 - Staff submitted Annual Water Audit to the state in late July
- c. WWTP Solar Project
 - Ad Hoc Committee meeting scheduled for August 16
 - Staff presentation and Letter of Intent to Board on August 19
 - Staff expects to bring Power Purchase Agreement (PPA) to Board for consideration in September
- d. Staffing Update
 - New Part-Time Contracts Helper started August 10
 - Staff is preparing request for extension of Limited Term Project Coordinator until June 2024
 - Expect to bring request to Board in September