



SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, September 13, 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/842834717>

You can also dial in using your phone:

1-646-749-3122

Access Code: 842-834-717

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
 - Caldor Fire Response
 - b. Water System
 - No news as of September 8
 - c. Sewer Collection System
 - No news as of September 9
 - d. Wastewater Treatment Plant (WWTP)
 - Resumed export on September 8 with two pumps only
 - e. Export System/Recycled Water Facilities
 - Tamarack Fire and Debris Flow Emergency Response
3. **ENGINEERING ISSUES**
 - a. General
 - Staff preparing a request to extend Project Coordinator to June 2024

- b. Water System
 - Paloma Well Project
 - New Keller Tank Foundation
 - Tank Coatings contractor called off for Caldor Fire
 - Rocky 1 Waterline and Heavenly-Keller Phase 1 issued Resume Work on September 7
 - Tank backup batteries
- c. Sewer Collection System
 - No news as of September 9
- d. Wastewater Treatment Plant
 - Secondary Clarifier No. 3 and Blower Generator issued Resume Work on September 7
- e. Export System/Recycled Water Facilities
 - No news as of September 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, October 18, 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
Phone 530.544.6474 ▪ Facsimile 530.541.0614 ▪ www.stpud.us

ENGINEERING STAFF REPORT (as of September 9, 2021)

CONSTRUCTION PROJECTS

- a. Luther Pass Tank No. 2 and Site Valving (Contractor: TNT Industrial)
 - Tank No. 2 roof install began week of August 16
 - Columns installed only
 - Demobilized on August 20 due to concerns over Caldor Fire
 - Site still in Evacuation Order area as of September 8
- b. Secondary Clarifier No. 3 Rehabilitation Project (Contractor: TNT Industrial)
 - Concrete pour to tie foundation to floor was postponed due to Caldor Fire
 - Stop Work for Caldor Fire Evacuation issued on August 30
 - Resume Work for Caldor Fire issued on September 7
 - Working to schedule concrete for next pour
 - Mechanism installation postponed until after floor is complete, likely late September (3 weeks behind schedule)
 - Expect clarifier back online in early November if schedule holds

- c. Rocky 1 Waterline Replacement Project (Contractor: Haen)
 - Stop Work for Caldor Fire Evacuation issued on August 30
 - Resume Work for Caldor Fire issued on September 8
 - Staff met with City regarding extents of paving due to cross-cuts and potholes
 - Expect rock and fire delays to extend Project into 2022
 - Need grant extensions

- d. Keller Heavenly Phase 1 Project (Contractor: White Rock)
 - Stop Work for Caldor Fire Evacuation issued on August 30
 - Resume work for Caldor Fire issued on September 9
 - Plan to reform/repour foundation on September 17
 - Rockfall to commence once foundation is poured
 - Saddle Pressure Regulating Valve (PRV) panel is in place and electrical components ready to connect
 - Sherman Way Waterline testing and disinfection underway

- e. Keller Heavenly Phase 2 Project (Contractor: White Rock)
 - Received and commented on contractor's tank submittal
 - Only minor issues

- f. Blower Generator, Secondary Clarifiers No.'s 1 and 2 and Tank Backup Power (Contractor: Vinciguerra)
 - FEMA authorization received
 - Resume Work on Blower Generator issued on August 26
 - Stop Work for Caldor Fire Evacuation issued on August 30
 - Resume Work for Caldor Fire issued on September 8
 - Problem with insurance due to Evacuation Warning for area
 - Staff is reapplying for FEMA Grant for Secondary Clarifiers No.'s 1 and 2

- g. Tank Coatings Touchup Project (Contractor: Topline Engineers)
 - Contractor had completed first coat of interior roof before evacuating Angora site for Caldor Fire
 - Left scaffolding and sand inside tank
 - Stop Work for Caldor Fire Evacuation issued on August 30
 - Staff will issue Resume Work Notice once Project area reverts to Evacuation Warning

- h. Tahoe Keys Pump Station (Contractor: T&S Construction)
 - Issued Notice to Proceed in late August
 - Staff is planning for pre-con meeting
 - Staff is preparing project permit application for TRPA and City Encroachment Permit
 - Staff will work with contractor to prepare electrical submittals in September

- i. Paloma Well Rehabilitation (Contractor: Zim Industries)
 - Board authorized staff to enter Contract with Zim for Option No. 4 on August 19
 - Staff issued Addendum 2, modifying Contract for Option No. 4 requirements on August 30
 - Contract issued to Zim Industries on September 9

PLANNING/DESIGN

- a. Groundwater Management Planning
 - Staff issued a Task Order in early September with consultant to update the Drinking Water Source Protection Area Map (Consultant: Gnomon)

- Groundwater Management Plan (GWMP) Update
 - Stakeholders Advisory Group (SAG) Workshop scheduled for September 29 to review internal draft of Alternative Plan
 - Staff assessing availability of SAG considering Caldor Fire demands
 - Staff will modify schedule for GWMP update accordingly
- b. 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 State Revolving Fund (SRF) Loan
- c. Blower System Improvements Design (Consultant: Carollo)
- Staff intends to bring proposal for design services to Board in October
- d. Tallac Creek Crossing (Consultant: NHC)
- Staff has commented on consultant's fish relocation plan, which is required by USFS
 - Staff is working on updating regulatory applications for Fall 2022 construction
- e. Future Waterlines
- Herbert Walkup Waterline
 - Survey waiting for smoke to clear to proceed with LiDAR
 - Pioneer Trail Waterline
 - Staff began design on September 7 (delayed due to Caldor Fire)
- f. Future Sewer Lines
- Staff met on July 29 to discuss priorities for Close Circuit Television (CCTV)
 - Including sewer project planning
- g. 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 below)
 - Well Performance Monitoring
 - Consultant is working on an update to the database to address bugs and improve templates and reporting
- h. Sewer System Asset Management Projects
- WWTP Condition Assessment (Consultant: Water Systems Consultants)
 - Staff reviews of submitted plans on hold pending Caldor Fire
 - Sewer Station Electrical Condition Assessments
 - Staff reviews of submitted plans on hold pending Caldor Fire
 - Recycled Water Strategic Plan (Consultant: TBD)
 - Revised scope and fee in review by staff with intent to bring to Board for approval in October
 - Sewer Crossings Condition Assessment (Consultant: Cardno)
 - Consultant prepared a field plan for site inspections to proceed pending Caldor Fire Resolution
 - Underground Repair Sewer (URS) will prioritize CCTV of accessible sewer crossings following Caldor Fire
 - Consultant submitted Data Gaps Memo for staff review

OTHER

- a. Tahoe Keys Emergency Supply
 - Intertie remains open
 - No flow
 - Backflow assembly not yet installed
 - Keys Board approved Request for Proposals (RFP) in August
 - Staff has not issued due to Caldor Fire
- b. WWTP Solar Project
 - Letter of Intent acknowledged by Board on August 19
 - Solar Project application submitted to Liberty
 - Power Purchase Agreement being finalized with intent to bring to Board in October
 - Consultants performing due diligence for permit applications and site design
- c. Staffing Update
 - Union approved changing Meter Project Coordinator to Project Coordinator
 - Staff is preparing request for extension of term to June 2024