



SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, October 18, 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/530212061>

You can also dial in using your phone: **1-571-317-3122**

Access Code: 530-212-061

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
 - Ongoing water quality concerns in Upper Saddle Zone
 - c. Sewer Collection System
 - Closed Circuit Television (CCTV) work has resumed after numerous truck issues
 - Underground Repair Sewer (URS) installing gravel bags on exposed sewer main Tallac Creek
 - Issues with inspection
 - d. Wastewater Treatment Plant (WWTP)
 - No news as of October 13
 - e. Export System/Recycled Water Facilities
 - Tamarack Fire and Debris Flow Emergency Response
 - Pumps crew is re-installing Pump No. 4 and installing NEW Pump No. 1 at Luther Pass

3. ENGINEERING ISSUES

- a. General
 - Grading season exceptions requested for construction projects
 - Capital Improvement Project (CIP) Program
 - Next steps
 - Request for extension
 - Limited Term Project Coordinator
- b. Water System
 - Paloma Well Project
- c. Sewer Collection System
 - No news as of October 13
- d. Wastewater Treatment Plant
 - Fuels Reduction Project
- e. Export System/Recycled Water Facilities
 - No news as of October 13

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, November 15, 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 October 13, 2021)

CONSTRUCTION PROJECTS

- a. Luther Pass Tank No. 2 and Site Valving (Contractor: TNT Industrial)
 - Tank No. 2 roof resumed week of September 20
 - Expect to complete by October 15
 - Exterior coating preparing to install week of October 18
- b. Secondary Clarifier No. 3 Rehabilitation Project (Contractor: TNT Industrial)
 - Contractor nearing completion of mechanism installation and electrical upgrades
 - Ovivo scheduled for on-site training for staff week of October 18

- Grouting floor scheduled week of October 25 with temperature controls
 - SCADA Integrator working on new controls
 - Under contract to District
- c. Rocky 1 Waterline Replacement Project (Contractor: Haen)
- Rocky 1 Waterline nearing completion
 - Paving installed week of October 11
 - Work on Price Road Pressure Regulating Valve (PRV) will continue as long as weather permits
 - Susquehana PRV, Mackedie Waterline (WL), and Stewart WL delayed until 2022
- d. Keller Heavenly Phase 1 Project (Contractor: White Rock)
- New tank foundation repoured September 24
 - Final work at tank site completed October 15
 - Saddle PRV panel is in place waiting for power from Liberty to connect
 - Interties incomplete
 - Sherman Way Waterline complete but not connected
 - Resume in Spring
 - Rockfall subcontractor requested 45 days to perform work
 - Postpone to 2022
- e. Keller Heavenly Phase 2 Project (Contractor: White Rock)
- Installation schedule for 2022 will be coordinated with rockfall mitigation work
- f. Blower Generator, Secondary Clarifiers No.'s 1 and 2, and Tank Backup Power (Contractor: Vinciguerra)
- Underground electrical work commenced week of October 3
 - Plan to install generator foundation week of October 18
 - Generator unit expected to arrive week of October 18
 - FEMA verbally approved grant for Secondary Clarifiers No.'s 1 and 2 under prior application
 - Submittal process for tank backup batteries is proceeding
- g. Diamond Valley Ranch (DVR) Siphon Repair (Contractor: Christian Brothers Lining)
- Contractor testing of DVR Siphon Repair completed week of October 11
- h. Tank Coatings Touchup Project (Contractor: Topline Engineers)
- Angora Tank interior roof coating and touchup complete
 - Contractor will resume work May 1, 2022
 - Five tanks to be touched up
- i. Paloma Well Rehabilitation (Contractor: Zim Industries)
- Project kickoff meeting held October 8
 - Lahontan expected to issue Exception from Waste Discharge Prohibitions for well test water discharge to Trout Creek Meadow
 - Contracting with Farr West Engineers to perform on-site inspection of well rehab

PLANNING/DESIGN

- a. Groundwater Management Planning
 - District consultant (Gnomon) made a presentation week of October 11 to Tahoe GIS Users Group sharing development of Drinking Water Source Protection Area Map
 - Groundwater Management Plan (GWMP) Update
 - Stakeholders Advisory Group (SAG) Workshop scheduled for September 29 postponed
 - Staff assessing availability of SAG in light of 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
 - Staff met with consultant to discuss scope for adding Keller Booster Station rehab and pump station bypass connection at Saddle/Keller intersection
 - Staff met with consultant to review needs for Lookout Tank Access Road
 - Plan to advertise Phase 3 for bid in January 2022
- c. Blower System Improvements Design (Consultant: Carollo)
 - Adding fire system upgrades and WWTP Power Metering to scope
 - Staff intends to bring proposal for design services to Board in November
- d. Tallac Creek Crossing (Consultant: NHC)
 - Staff is working with consultant to prepare construction documents for Summer 2022 bid
 - Staff attempted CCTV inspection of crossing, but camera got stuck
 - Considering installation of inspection port prior to construction
 - Staff installed gravel bags for temporary protection of crossing week of October 11
- e. Future Waterlines
 - Herbert Walkup Waterline
 - Survey has resumed with field survey week of October 3 and aerial week of October 11
 - Pioneer Trail Waterline
 - Staff's first pass at project plans in circulation for comment
 - Upper Truckee River (UTR) Meyers Crossing
 - Staff received survey from County and beginning layout and product selection
 - Bowers/Bijou
 - Staff preparing 90% design for internal review
 - Plan to advertise for bid in December
- f. Water System Asset Management Projects
 - Water Crossings Condition Assessment (See Sewer Crossings Condition Assessment)
 - Water Station Electrical Condition Assessments
 - Staff met with consultant and approved field plan for testing electrical equipment
 - Well Performance Monitoring
 - 2021 Well Testing has commenced with Bayview, Al Tahoe and Bakersfield tested so far

- g. Sewer System Asset Management Projects
 - WWTP Condition Assessment (Consultant: Water Systems Consultants)
 - Staff met with consultant regarding electrical field testing and underground piping assessment
 - Staff is reviewing consultant's proposal for next phase of work with intent to bring to Board for consideration in November
 - Sewer Station Electrical Condition Assessments (See Water Station Electrical Condition Assessments above)
 - Recycled Water Strategic Plan (Consultant: TBD)
 - Revised scope and fee approved by Board on October 7
 - Staff processing Task Order
 - Sewer Crossings Condition Assessment (Consultant: Cardno)
 - Consultant proceeding with initial site visits to all 150+ crossing locations and reporting back findings regularly

OTHER

- a. Tahoe Keys Emergency Supply
 - Proposals received from three consultants to evaluate system impacts to supplying Keys with water
 - Proposals in review by District staff and Keys
- b. WWTP Solar Project
 - Notice of Public Hearing issued October 7
 - Final draft of Purchase Power Agreement (PPA) will be presented to Board on October 21 for consideration
 - Consultants continuing due diligence for permit applications and site design
- c. Contractor's Forum tentatively scheduled for November 8
- d. Annual CIP Process scheduled to resume with staff in late October
- e. Staffing Update
 - Request for extension to Limited Term Project Coordinator will be brought to the Board on October 21