



SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, December 14, 2020

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

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

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

<https://global.gotomeeting.com/join/487314725>

You can also dial in using your phone:

United States (Toll Free): [1-866-899-4679](tel:1-866-899-4679)

United States: [+1-571-317-3116](tel:+1-571-317-3116)

Access Code: 487-314-725

OPERATIONS COMMITTEE

Nick Exline

(A meeting will be held to discuss the following topics)

A G E N D A

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
 - System Efficiency Committee Update
 - SEED Solar Program Update: Site walk with Liberty/CORE planned for December 16
 - b. Water System
 - Cold Creek Tank Water Quality
 - Paloma Well
 - Sierra Tract Unidirectional Flushing Program
 - c. Sewer Collection System
 - Conflicts between Greenway Boardwalk and A-Line/UTFM
 - d. Wastewater Treatment Plant (WWTP)
 - HM successfully replaced link seal at AB1, first week of December
 - e. Export System/Recycled Water Facilities

3. CONSTRUCTION PROJECTS

- a. Meters Phase 5B (Vinciguerra)
 - Notice of Completion submitted to County on December 8
- b. Luther Pass Tank 2 and Site Valving (TNT Industrial)
 - Contractor has demobilized for the season
 - Expect contractor to return briefly in January to install B-Line drain components
- c. 2020 Sewer Improvements Project (Burdick)
 - Board authorized release of retention but contractor intends to file a claim, so holding check
- d. Fallen Leaf Lake Sewer Improvements (staff)
 - Pumps has resumed planning for new pump and piping installation with guidance from Engineering
- e. Rocky 2 Waterline Replacement Project (Haen)
 - Rocky Pressure Regulating Valve (PRV) control system still not fully functional and issues with power generator
 - Rocky 2 Waterline is complete
 - Large meters are complete
 - Contract remains open for final Change Orders and to install hydraulic lift at Vehicle Maintenance Shop
 - Partial Notice of Completion sent to County on December 8 for Rocky 2 Waterline/Rocky PRV
- f. Keller Heavenly System Improvements – Phase 1 (Burdick)
 - Change Order approved by Board on November 19 to formally cancel Contract with Burdick.
 - Board authorized staff to re-bid Phase 1 on November 19
 - Advertisement to commence after United State Forest Service (USFS) completes review
 - USFS has confirmed that letter to State Historic Preservation Office was sent the first week of December
- g. Secondary Clarifier No. 3 Rehabilitation Project (TNT Industrial)
 - Mechanism submittal reviewed and returned with minor comments - long-lead item

4. PLANNING/DESIGN

- a. Groundwater Management Planning
 - South Y PCE Plume (Consultant: Desert Research Institute)
 - Schedule for Project Review Meeting to consider remedial action and funding will be prepared by end of December
 - Groundwater Management Plan Update (Consultant: Desert Research Institute)
 - Staff met with DRI on December 11 to discuss model simulations for 50-yr water budgets under various climate scenarios
 - Staff is preparing Draft GWMP Update Report
 - Staff will update Board on GWMP Update at December 17 meeting

- Groundwater Sustainability Agency (SAG)
 - SAG Workshop scheduled for December 17 to discuss Alternative Plan Update
 - Staff is preparing 2020 Water Year Annual Report
- Well-Owner's Survey
 - Staff is preparing transmittals of lab reports to well owners
 - Staff is reviewing well chemistry and outlining report
- b. Upper Truckee Pump Station Rehabilitation (Consultant: Carollo)
 - 90% Design due from consultant December 18
 - State Revolving Fund (SRF) Loan application package to be submitted by end of December
- c. Keller-Heavenly Improvements Phases No. 2 and No. 3 (Consultant: Farr West)
 - Phase No. 2 (Tank Contract) 90% Design in review - comments due mid-December
- d. Blower System Emergency Power and Improvements Project (Consultant: Carollo)
 - Basis of design report review meeting with consultant held November 18
 - 90% design received December 11 and in review
- e. Water System Asset Management Projects
 - Well and Pump Monitoring Program
 - 2-hour tests of Glenwood, Arrowhead No. 3 and Valhalla completed in last month
 - Water Station Electrical Condition Assessments
 - See WWTP Condition Assessment (below)
 - Acoustic Leak Detection
 - Engineering is reviewing past reports to provide recommendation to Field Ops for future efforts
 - Getting pricing from Utilis for satellite-based leak detection
 - Tanks Backup Power - 11 batteries in design to be bid with Blower Generator in March
- f. Sewer System Asset Management Projects
 - Sewer Flow Monitoring Program (Consultant: Carollo)
 - 3G Modems will become non-functional on January 1
 - Draft Season 3 (2019-20) Flow Report expected mid-December
 - Workshop planned for January to review Season 3
 - Sewer Manhole (MH) Access Assessment
 - Underground Repair Sewer (URS) has ranked each MH (1-5) based on their ability to access it and Engineering has developed a map of rankings
 - WWTP Condition Assessment (Consultant: Water Systems Consultants)
 - Four proposals reviewed - Water Systems Consultants selected
 - Staff is negotiating scope to bring Task Order to Board on January 7
 - Project schedule to commence mid-January - completion June 23
 - Sewer Station Electrical Condition Assessments
 - See WWTP Condition Assessment (above)

5. OTHER

- a. 2020 Urban Water Management Plan (Consultant: Kennedy Jenks)
 - Consultant held staff workshop for Water Shortage Contingency Plan on December 3
 - Staff is preparing pumpage data for consultant use
 - Next consultant deliverable due in January, including assessment methodology

- b. Diamond Valley Ranch (DVR) Irrigation
 - Staff is working on compiling 2020 GW sections of Annual Report, including monitoring data and evaluation of water chemistry
 - Through October 30, hydro unit ran 56 days (63% on) and generated 53Mwh (\$5K)
- c. Capital Improvement Project (CIP) Planning
 - Annual CIP meetings with staff held on December 7 (Sewer) and December 9 (Water) to review system needs
 - Engineering will refine plan to fit budget and provide to Finance by December 23
- d. Front-End Spec Update
 - Staff has requested a proposal from BB&K to perform holistic review of Division 0 and 1
- e. Staffing Update
 - Intern term will be extended to end of fiscal year
 - Staff preparing proposal to convert Limited Term Meter Project Coordinator to Project Coordinator

6. ADJOURNMENT (Next meeting is planned for Tuesday, January 19, 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.