



SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, January 13, 2020
3:30 p.m. to 5:00 p.m.

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

James R. Jones

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
 - Snow Globe recap
 - Capital Improvement Plan (CIP) development status
 - b. Water System
 - Sunset Well bacteria hits in raw water
 - c. Sewer Collection System
 - d. Wastewater Treatment Plant (WWTP)
 - e. Export System/Recycled Water Facilities
 - Hydrogeneration unit remains offline
3. **CONSTRUCTION PROJECTS**
 - a. Plant Emergency Generator Replacement (Cal Electro)
 - Building construction punchlist work ongoing
 - Supervisory Control and Data Acquisition (SCADA) testing complete
 - b. Water Meters Phase 5A (Vinciguerra)
 - No change - Project in closeout
 - c. Marlette Waterline (Haen)
 - No change - Project in closeout
 - d. Water and Sewer System Improvements (Haen)
 - No change - Pine Valley Pressure Reducing Valve (PRV) in service without controller

- e. Fallen Leaf Lake Sewer Improvements
 - No change - District crews procuring pumps for Main Station
- f. Rocky 2 Waterline Replacement Project (Haen)
 - No change – Field work to resume in May with Rocky PRV Replacement
- g. Heavenly Tank – Recoat and Site Improvements (Haen)
 - Letter issued regarding project extension to 2020 – Waiting for response
 - Change Order No. 1 for balancing quantities for 2019 work in progress
- h. Keller Heavenly System Improvements – Phase 1 (Burdick)
 - Bids opened December 12 - No protests received
 - Recommendation to award Contract to Burdick to Board on January 16

4. PLANNING/DESIGN

- a. Groundwater Management Planning
 - South Y Plume
 - Staff provided Board with an update presentation at January 2 meeting
 - Groundwater Management Plan (GWMP)
 - Planning for 2020 Well Surveys has begun
- b. Big 5 Pump Stations
 - Tahoe Keys 90% design in review
 - Workshop scheduled for January 23
- c. Diamond Valley Ranch Improvement Projects
 - No change - Update bid docs and rebid siphon repair in March
- d. Keller-Heavenly Improvements Phases 2 and 3
 - No change – Phase 2 (Tank Contract) in design for 2021 construction
- e. Luther Pass Tanks, Valving and Fuel Tank Roof
 - Staff received and reviewed Alternatives Evaluation
 - Selected alternative expected to be Tank 2 rebuild and Tank 1 structural reinforcement.
 - Tech Memo received from consultant regarding B-Line draining options - In review
 - Request for Authorization to Bid will go to Board on February 6
- f. Apache Avenue Sewer Replacement, Force Main Bypasses, Santa Fe Yard
 - Board authorized bid on January 2
 - Staff continuing to develop design and standard sewer details
 - Plan to advertise in March for construction starting in May
 - Staff to present report on January 16 regarding sewer lateral replacements
- g. Meters Phase 5B
 - Plan to advertise for bidding on January 13
 - Mandatory pre-bid scheduled for January 23
- h. Secondary Clarifiers Rehabilitation Project
 - Seismic alternatives presented to District in December - waiting follow-up
 - 30% Design received and in review
 - Workshop scheduled for January 15

- i. Wastewater Treatment Plant Fuels Reduction Project
 - Project advertised for bidding on January 13
 - Bid Opening scheduled for February 5

- j. Supervisory Control and Data Acquisition (SCADA) Improvement Projects
 - Wastewater Treatment Plant Energy Audit
 - Final report received and forwarded to State Water Resources Control Board (SWRCB) for reimbursement
 - PRV Replacements Projects
 - No change - 90% design for Price Road and Susquehanna received and in review
 - Water Station Efficiency Improvements
 - No change - 90% design package received and in review
 - Field communications
 - No change - Radio improvements at Fallen Leaf Lake nearing completion
 - District Metered Areas (DMA)
 - Kickoff for Stateline DMA design held December 16

- k. Well and Pump Monitoring Program
 - Two wells left to perform baseline testing
 - Sunset Well scheduled for January 15 - Pending successful disinfection
 - Otherwise Arrowhead will be done
 - Helen Well showed low efficiency, as expected
 - Follow-up required at AI Tahoe to correct power readings

- l. Collection System Assessment
 - Sewer Flow Monitoring Program
 - Snowpack monitoring continues
 - Staff reported program updates to Board on December 19
 - Comments returned to consultant on Season 1 (2017-18) Report
 - Season 2 (2018-19) Report received from consultant and in review
 - Closed Circuit TV (CCTV) Coding
 - Contract with Abyss in progress (for computer screening of past video)
 - Request for Qualification for CCTV Coding has been issued
 - First proposal received and in review
 - Sewer Model update meeting held on December 16

- m. Future Water System Projects
 - Waterlines
 - No change - State Revolving Fund (SRF) Loan Package in development
 - Tanks backup power project
 - No change - Finalizing FEMA Funding
 - Waterline Prioritization Tool (AI)
 - Request for Proposal (RFP) sent to three vendors - proposals due January 22

- n. Future Sewer System Projects
 - Recycled Water Master Plan
 - RFP starting Spring 2020
 - Blower upgrades and generator project
 - Plan to advertise RFP for design in January 2020

- WWTP Condition Assessment
 - Plan to advertise RFP for consultant services for structural, electrical and underground piping assessments in February 2020
- Sewer Crossing Condition Assessment
 - Plan to advertise RFP for consultant services in April 2020

5. OTHER**a. Engineering Staffing**

- New Senior/Associate Engineer
 - Five applications received - Interviews scheduled for January 27
- Limited Term Staff Engineer
 - Recruitment closes January 30
 - Request to Board on January 16 to extend term to June 30, 2024
- 2020 Intern – Blue Ribbon recruitment in progress
 - 2019 Intern will stay on until 2020 Intern and Staff Engineer filled
- Contracts Helper – request has been made
 - No change - considering documentation contract to help with archival

b. Diamond Valley Ranch (DVR) Irrigation/C Hydro

- Contract extended to allow time to finish punchlist work

6. ADJOURNMENT (Next meeting is planned for Tuesday, February 18, 2020, 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.