



# SOUTH TAHOE PUBLIC UTILITY DISTRICT WATER AND WASTEWATER OPERATIONS COMMITTEE MEETING

Monday, March 16, 2020  
3:30 p.m. to 5:00 p.m.

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

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James R. Jones

OPERATIONS COMMITTEE

Nick Exline

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(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
    - Environmental Policy update
    - Capital Improvement Plan (CIP) development status
  - b. Water System
    - Christmas Valley Tank update
  - c. Sewer Collection System
  - d. Wastewater Treatment Plant (WWTP)
  - e. Export System/Recycled Water Facilities
3. **CONSTRUCTION PROJECTS**
  - a. Plant Emergency Generator Replacement (Cal Electro)
    - No change on Fueling Station - Not yet in service
    - Large Generator and Emergency Pump Station testing completed
  - b. Meters Phase 5B (Vinciguerra)
    - Bids opened on March 10
      - Two bids received - Vinciguerra apparent low bid
    - Bids in review - Award to Board on March 19
  - c. Luther Pass Tank 2 and Site Valving (TBD)
    - Nine contractors at March 6 pre-bid
    - Bid opening extended to March 25
    - Valve pre-purchase bids opened on March 10
      - Three bids received (in review)
        - Irregularities in all three bids - Recommendation to award or reject to Board on March 19

- d. 2020 Sewer Improvements Project (TBD)
  - Board waived Admin Code to allow lateral replacement on Apache Avenue
  - Tahoe Regional Planning Agency (TRPA) permit in progress for Santa Fe Yard
  - Project advertised on March 6
  - Mandatory pre-bid scheduled for March 20
    - Plans/specs posted by this date
  - Bid opening scheduled for April 8
- di. Wastewater Treatment Plant Fuels Reduction Project (Ronwright Logging)
  - Board awarded Contract on March 19 and authorized staff to sign Contract with California Tahoe Conservancy (CTC) for grant
  - Expect work to start June 1 - CTC will provide field oversight
- dii. Marlette Waterline (Haen)
  - No change - Project in closeout
- diii. Water and Sewer System Improvements (Haen)
  - No change - Pine Valley Pressure Reducing Valve (PRV) in service without controller
- div. Fallen Leaf Lake Sewer Improvements
  - No change - District crews procuring pumps for Main Station
- dv. Rocky 2 Waterline Replacement Project (Haen)
  - No change – Field work to resume in May with Rocky Pressure Reducing Valve (PRV) Replacement
- dvi. Heavenly Tank – Recoat and Site Improvements (Haen)
  - No Change - Letter issued regarding project extension to 2020 – Waiting for response
- dvii. Keller Heavenly System Improvements – Phase 1 (Burdick)
  - No Change - United States Forest Service (USFS) Permit Pending to complete State Revolving Fund (SRF) and allow construction commence May 1
- dviii. Diamond Valley Ranch (DVR) Irrigation/C Hydro
  - No Change - Contract extended to allow time to finish punchlist work

#### **4. PLANNING/DESIGN**

- a. Groundwater Management Planning
  - South Y Plume
    - Technical Advisory Committee (TAC) meeting held early March to review comments on Draft FS and Interim Remedial Action Plan (IRAP)
      - TAC comments due March 11
    - Public drafts will be issued March 17
    - Public meeting scheduled at City Council Chambers on March 31
  - Groundwater Management Plan (GWMP)
    - Planning for 2020 Well Surveys underway
  - Water Year End Report
    - Annual report being developed
    - Due to Department of Water Resources by end of March

- b. Big 5 Pump Stations
  - Tahoe Keys Pump Station
    - Final design in progress - Due from Carollo in early May
    - Plan to advertise for bid on or around June 1
  - Upper Truckee Pump Station
    - No change - On hold pending conditions assessment of meadow main by Underground Repair Sewer (URS)
- c. Diamond Valley Ranch Improvement Projects
  - Siphon repair bid advertised on February 14 - Bids open on March 18
  - Hay Barn plans and specs in development for Fall 2020 construction
- d. Keller-Heavenly Improvements Phases 2 and 3
  - No change – Phase 2 (Tank Contract) in design for 2021 construction
- e. Luther Pass Tank 1 and Fuel Tank Roof
  - No change - Staff received proposal for carbon fiber reinforcement and coating
    - Seeking outside funding to offset cost for this emerging technology
- f. Secondary Clarifiers Rehabilitation Project
  - 90% Design received and in review
  - 90% Design Workshop scheduled for late March
  - Current plan is to bid Clarifier No. 3 only for rehab in 2021, then bid Clarifiers No. 2 and 1 for rehab in 2022 and 2023, respectively (with Blower Improvements)
- g. Blower System Emergency Power and Improvements Project
  - One proposal received on February 14 from Carollo
  - First phase of project (Alts Eval and Design Memo) to Board for authorization on March 19
  - Plan to bid generator work only for construction in 2021, then bid Blower Improvements for construction in 2024, with Clarifiers No. 1 and 2
- h. Supervisory Control and Data Acquisition (SCADA) Improvement Projects
  - 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)
    - Consultant modeling proposed layout
- i. Well and Pump Monitoring Program
  - Report of baseline testing presented to Pumps in early March; plan to present to Engineering in late March
  - 30-minute tests of all 12 wells will be performed in April (4 consecutive Wednesdays)
- j. Collection System Assessment
  - Sewer Flow Monitoring Program
    - No change - Snowpack monitoring continues
    - No change - Season 2 (2018-19) - Report received from consultant and in review

- Closed Circuit TV (CCTV) Coding
  - Abyss performing computer screening of past video - Expect results next week
  - Request for Qualification for CCTV Coding has been issued
    - Four proposals received and in review
- k. Future Water System Projects
  - Waterlines
    - No change - State Revolving Fund (SRF) Loan Package in development
    - Staff update to Board on March 5, regarding 2019 Water Leaks
  - Tanks backup power project
    - FEMA has requested site plans and staff is preparing
  - Waterline Cathodic Protection Pilot
    - Phase 1 report received from JDH, recommending impressed current on mains or galvanic anodes on laterals
    - Phase 2 scope in consideration
      - Seven galvanic anodes in Mt. Rainer zone
      - Soil potential measurements and mapping across water system
  - Waterline Prioritization Tool (AI)
    - Initial results received from Baseform
    - Staff is working to improve leak data before proceeding with validation of tool
  - Water Station Electrical Condition Assessments
    - Request for Proposal (RFP) to be issued this month (with WWTP work)
- l. Future Sewer System Projects
  - Recycled Water Master Plan
    - Plan to advertise RFP for consultant services in April 2020
  - WWTP Condition Assessment
    - Plan to advertise RFP for consultant services for structural, electrical and underground piping assessments in March 2020
  - Sewer Station Electrical Condition Assessments
    - Request for Proposal to be issued this month (with WWTP work)
  - Sewer Crossing Condition Assessment
    - Plan to advertise RFP for consultant services in June 2020

## 5. OTHER

- a. Engineering Staffing
  - New Senior/Associate Engineer starts March 31
  - Limited Term Staff Engineer
    - Selected candidate is in background check - expect to start early April
  - Contracts Helper – request has been made
    - No change - considering documentation contract to help with archival

## 6. ADJOURNMENT (Next meeting is planned for Monday, April 13, 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.