

**SQUAW VALLEY PUBLIC SERVICE DISTRICT  
WATER AND SEWER COMMITTEE MEETING  
DATE: April 29, 2019**

- A. Call to order at 2:05 P.M.
- B. Public comment – none

**Directors Present:** Directors Victoria Mercer and Eric Poulsen

**Attendees:** Jessica Asher, Board Secretary; Brandon Burks, Operations Supervisor; Mike Geary, General Manager; Dave Hunt, District Engineer

- C. Award Contract for the 2019 Sewer Television Inspection Project:  
Mr. Hunt reviewed the project.

The District routinely inspects the sewer collection system pursuant to the requirements of the District's Sewer System Management Plan (SSMP). The State Water Resources Control Board (State Water Board) adopted Statewide General Waste Discharge Requirements (WDRs) for Sanitary Sewer Systems, Water Quality Order No. 2006-0003 (Sanitary Sewer Systems WDR) on May 2, 2006. The Sanitary Sewer Systems WDR requires public agencies that own or operate sanitary sewer systems to develop and implement an SSMP. The District's SSMP requires regular visual and TV inspections of manholes and sewer pipes, and a system for ranking the condition of sewer pipes and scheduling rehabilitation.

Inspections in 2013-2016 were performed using closed circuit television (CCTV) technology. Advances in technology over the past 5-10 years have brought panoramic digital scanning technology to the forefront. This technology provides a superior product compared to typical CCTV inspections. Also, over the past 5 years, prices for digital scanning have become much more competitive with the older CCTV technology. The previous CCTV work made it difficult for staff to accurately assess the condition and develop capital replacement and rehabilitation projects necessary to keep our system in good working order. Because of this, the District has decided to move forward with digital scanning inspections for the 2019-2023 inspection cycle to provide higher quality data to inform our sewer system capital replacement program.

The 2019 Sewer Inspection Project encompasses inspection of approximately 28,500 linear feet of pipe and 86 District owned sewer laterals. Inspection will occur in the west end of the Valley, mirroring the pipes inspected in 2013. District staff will perform sewer cleaning in front of the contractor's inspection crew.

The 2019-2023 projects will also include locating District owned laterals that do not include a property or easement line cleanout for accessibility. The District owns sewer laterals from the sewer main to the property or easement line, and has the sole responsibility for its

maintenance, repair, and replacement. District Sewer Code requires that a cleanout be installed at the property line which defines the point of service and the ability of operations staff to inspect and clean our portion of the sewer lateral. In many instances, a property line cleanout does not exist and therefore the District is unable to perform regular operation and maintenance (O&M) on these lines. Locating laterals is a priority to the District because, (a) we have never assessed the condition of these laterals in the past, and (b) we own the responsibility of O&M and replacement, control of I/I into our system, as well as sanitary sewer overflows (SSOs).

The District distributed a Notice to Contractors and contract specifications to four qualified contractors on April 11, 2019. A pre-bid meeting was held on April 18, 2019 and was attended by two contractors. Bids were due on April 25, 2019 and a single bid was received from Pro Pipe (Hoffman Southwest Corp) in the amount of \$76,941.58. Staff contacted project references for Pro Pipe, including Tahoe Truckee Sanitation Agency (TTSA). Pro Pipe has provided inspection services for TTSA's Truckee River Interceptor over the past few years with excellent results. Based on this, staff is recommending award of the project to Pro Pipe.

The 2019 Sewer Inspection Project was included in the Fiscal Year 18/19 budget with an estimated cost of \$68,200. As discussed above, the bid proposal from Pro Pipe is \$76,941.58, an increase of \$8,741.58 from the budgeted amount. Staff is requesting the Board approve a budget amendment in the amount of \$8,741.58 to allow the project to move forward.

A Notice of Award is expected to be issued on April 30, 2019, with the Notice to Proceed issued after the signed contract, bonds, and insurance are submitted to the District. The contract documents specify that the Project is to be completed between May 15 – June 30, 2019.

Director Mercer asked if staff was comfortable with the budget amendment. Mr. Hunt noted that he confirmed with Ms. Grindle that the budget increase is acceptable.

D. Resort at Squaw Creek Phase 2A Construction Observation Services – Farr West Engineering Professional Services Agreement:

Director Poulsen disclaimed that he has a conflict of interest due to an ownership interest with the Resort at Squaw Creek (RSC). As there is no action associated with the item, Director Poulsen remained in the room.

Mr. Hunt reviewed the proposal.

The RSC Phase 2A Project consists of construction of road and utility improvements necessary to support the RSC Phase 2A project and all subsequent development within the overall Phase 2 project. The District understands that Phase 2A will consist of 18 townhomes located adjacent to the existing service road off Squaw Creek Road. It is not known at this time what the remainder of the development entails.

Construction of the water and sewer infrastructure improvements for the RSC project is scheduled to begin in mid-May and be complete by October 2019. Construction of the water

and sewer facilities will be in accordance with the improvement plans for Squaw Creek Townhomes Phase 2A Infrastructure (Auerbach Engineering Corporation, March 20, 2019) as approved by the District.

District staff is proposing to contract with Farr West Engineering to provide inspection of the water and sewer facilities to confirm compliance with the approved improvement plans and District construction standards.

Staff recommends approval of the proposal from Farr West Engineering for providing construction observation services and recommends the General Manager be authorized to execute a Professional Service Agreement with Farr West Engineering in an amount not to exceed \$56,870.00. Mr. Hunt clarified that as time allows Tyler Trojan, Junior Engineer, will provide construction observation services to lower the reimbursable fee to the developer.

E. Revised Water and Sewer Standard Details:

The District's Water Technical Specifications and Sewer Technical Specifications provide the rules and regulations pertaining to technical specifications and standard construction details for the water and sewer systems. There are two parts to the Technical Specifications: (1) written specifications defining design standards, construction methods and testing, and materials, and (2) standard construction details in the form of engineered drawings. These inform engineers, architects, contractors, and property owners about the required construction materials and methods necessary for proper construction of District owned water and sewer assets.

The technical specifications and standard details require periodic updates to address current material and construction standards. The technical specifications, including the standard details, have gone through minor updates over the past 20 years with the last substantial updates occurring in 2007 for sewer and 2009 for water.

In May 2014, Section 7 (Design Standards) of the Water Code and Sewer Code were removed from the District's Administrative Code and retitled *Water Technical Specifications* and *Sewer Technical Specifications*. Doing so allowed for more efficient periodic updates without the cumbersome and expensive process necessary to modify an Ordinance.

Staff is proposing to update the *Water Technical Specifications* and *Sewer Technical Specifications* in two phases. The first phase includes revisions to the Water and Sewer Standard Details in April, followed by updating the technical specifications in summer 2019.

Staff has put in considerable effort over the past three months updating the standard details. This task included several meetings with the District's Operation Department and Fire Department, research of current construction methods and materials, and review of other area agencies details including discussions with engineering and operations staff. All the details have been revised to some extent.

The committee reviewed the table of contents included in the Board Packet which showed that some of the details were new, and some have been revised since the last publication of the standard details.

Director Poulsen asked when the details were last updated. Mr. Hunt was unsure but said that when the details were removed from the Code in 2014, they were not updated. Local contractors have expressed the desire for Districts to have continuity of details and thus staff worked with other local agencies to address this request.

Mr. Hunt provided an update on the Truckee River Siphon project. The project is under contact with Cruz Construction and mobilization is expected in early June with drilling beginning in mid-June. Staff will be on-site full time to ensure that our permitting conditions are fulfilled.

No further business coming before the Water and Sewer Committee, the meeting was adjourned at 2:38 P.M.

By, JA