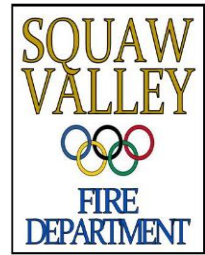




# SQUAW VALLEY PUBLIC SERVICE DISTRICT



## ENGINEERING REPORT

**DATE:** March 26, 2019  
**TO:** District Board Members  
**FROM:** Dave Hunt, District Engineer  
**SUBJECT:** Engineering Report – Information Only

**BACKGROUND:** The discussion section below provides information from the District Engineer on current projects and the department's activities that are not the subject of a separate report. This report is prepared to provide new information and recent progress only.

**DISCUSSION:** Meetings

The District Engineer participated in the following meetings in the last month:

- SVPSD Board Meeting
- Monthly Planning Meeting - Staff
- General Manager – District Engineer – Weekly
- District Engineer – Operations Superintendent - Weekly
- Junior Engineer Staff Meetings – Weekly
- Budget Meetings – Several
- OMP Meetings - Several
- Sewer Master Plan Meetings – Junior Engineer
- Asset Management/GIS Meetings – Farr West Engineering

Truckee River Siphon Replacement Project

- Awarded construction contract for \$1,711,450 to Cruz Construction.
- Pre-construction meeting scheduled for March 27, 2019.
- Construction June-October 2019.

Zone 3 Booster Pump Station Upgrade Project

- Electrical contractor replaced emergency generator manual transfer switch and breakers.
- Operations staff is installing new piping, pumps, flow meter, and pH analyzer in January/February 2019.

#### Water Tank Recoating Projects

- All three District tanks were cleaned and inspected in October 2018.
- Engineering staff is preparing design documents for recoating the interior and exterior of the West Tank.
- West Tank recoating is anticipated to occur in late summer 2019 or spring 2020.

#### PlumpJack Squaw Valley Inn – Phase 2 Well Equipping

- District was notified by developer that the project has been put on hold until at least 2020.
- District will wait to equip the well until 2020, regardless of if the developer moves forward with their project or not.
- Staff will communicate with the Division of Drinking Water to assess a variance with respect to the existing sewer line location.
- Staff will communicate with County regarding CEQA requirements.

#### Granite Chief “A” Line Sewer Replacement Project

- Staff has submitted easement documents to five (5) homeowners for the replacement sewer main.
- Design of improvements are pending securing necessary easements.

#### Sewer and Water Master Plan Updates

- Staff is currently working on Capital Replacement and Improvement Plans (CRP/CIP) for the water and sewer systems.
- CRP/CIP will support the upcoming FY2020 budget preparation.
- Ongoing assembly of master plan chapters is ongoing with anticipated delivery dates of draft master plans for the summer 2019.

#### Water and Sewer Standard Details and Technical Specifications Update

- Staff is preparing a complete overhaul of the District’s water and sewer standard details and technical specifications.
- Drafts will be provided at the April 2019 Board meeting.

#### VueWorks/Asset Management Implementation

- Staff is working with GIS consultant to QA/QC and update water and sewer system GIS database.
- District will start to use ArcGIS Online to allow for in-house database edits, and basic map preparation.
- Staff will also leverage the capabilities of AGOL for field inspection and data collection.
- The GIS database continues to grow with the inclusion of water and sewer system inspection and work history data.

**ATTACHMENTS:** None.

**DATE PREPARED:** March 21, 2019