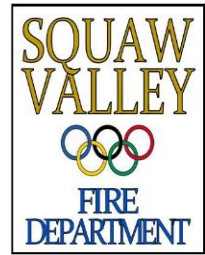




SQUAW VALLEY PUBLIC SERVICE DISTRICT



ENGINEERING REPORT

DATE: February 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
- Truckee River Siphon Project Meetings – Farr West Engineering
- Truckee River Siphon Pre-Construction Meeting – Contactor, Farr West
- Truckee River Siphon Meeting – Painted Rock Homeowner
- Budget Meetings - Several
- Sewer Master Plan Meetings – Junior Engineer
- Asset Management/GIS Meeting – Farr West Engineering
- Phone System Training
- CSDA Finance Webinar

Placer County Water Agency Grant:

The District submitted grant applications for two projects to the Placer County Water Agency (PCWA) Financial Assistance Program on February 20, 2019. Applications were submitted for the Water Master Plan (WMP) for \$25,000 and Asset Management Implementation and GIS Database Updates project for \$10,000. PCWA is expected to award grant in June 2019.

If awarded, grant funds for these projects will be used to offset consultant and District staff time expenses.

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: February 14, 2019