

## MEMO

To: District Manager  
From: Engineering Manager  
Subject: February 2020 Engineering Department Monthly Report  
Date: February 20, 2020

### Recommendation:

It is recommended that the Board of Directors review and file the Engineering Department Monthly Report for February 2020.

### Projects in Construction:

***Lompico PRV Replacement:*** Construction work on the Lompico PRV stations is complete and the Notice of Completion has been filed.

***Quail Well 5A & Olympia Well 3 Rehabilitation Project:*** Construction rehabilitation work on the wells is continuing. The Olympia Well 3 rehab was very successful. Pumping rates increased from 90 to 350 gallon per minute. Work on the Olympia Well is now complete and work is underway Quail Well 5A. Work is expected to be complete by the end of February.

### Projects in Design:

***Water Master Plan:*** Akel Engineering is making good progress with the District Water Master Plan. We are currently working on collecting District wide pressure data, existing PRV data and perfecting water pressure zone boundaries.

***2019 Pipeline Replacement Project:*** Work on the design of the 2019 Pipeline Project is continuing. Survey work is now complete. A project workshop was conducted on January 15, 2020. Based on the work product reviewed at the meeting, the Consultant is behind schedule.

***Bear Creek Estates Wastewater Alternatives Analysis:*** Work on the wastewater alternative analysis is nearing completion. A draft report has been submitted and is being reviewed by staff. The final report is expected in mid-March.



***Glen Arbor Bridge Water Main Replacement Project:*** Work on the Glen Arbor Pipeline is underway. Preliminary alignment plans have been submitted by the designer and reviewed by staff.

***Swim Tank Replacement:*** Survey, geotechnical and appraisal work has been completed. The General Manager and District attorney are working on property acquisition.

***Fall Creek Fish Ladder Project:*** Work on the design of the Fall Creek Fish Ladder continues. The 65% plans were recently delivered to our environmental consultant to begin resource agency permit acquisition. Staff are working to organize the project, establish a project schedule and coordinate any supplemental contacts necessary to complete the project.

***Lyon Slide Project:*** After review and discussion at the Engineering Committee, staff are working on a RFP to retain an environmental consultant. This consultant will evaluate the two construction options included in the geotechnical reports from HKA and determine a preferred option after consultation with the resource agencies.

Projects Advertising for Bids/Proposals:

***Lompico Tanks Replacement:*** Bids for the Lompico Tank Replacement Project were opened at 3pm on February 6, 2020. The Board will consider award of the construction bids at this meeting.

***Lompico Tanks Replacement - Construction Management:*** Proposals for Construction Management consultant services for the Lompico Tank Replacement Project were received at 3pm on January 30, 2020. The Board will consider award of the Construction Management consultant contract at this meeting.