

## MEMO

To: District Manager  
From: Engineering Manager  
Subject: June 2019 Engineering Department Monthly Report  
Date (Date of Board Meeting)

### Recommendation:

It is recommended that the Board of Directors review and file the Engineering Department Monthly Report for June 2019.

### Projects in Construction:

*Probation Tank Replacement:* Work on the construction of the Probation Tank is continuing. During this reporting period the contractor is continuing work on the retaining walls and the tank foundation. Project completion is anticipated in October 2019.

*Lompico PRV Replacement:* Six PRV stations are being replaced in Lompico. The Contract has been signed and a Notice to Proceed letter has been sent to the Contractor. Material submittals for the project have been reviewed and materials have been ordered. The Contractor is currently working on a project schedule for the District.

### Projects in Design:

*Lompico Tanks Replacement:* 60% plans have been submitted to the District for review. Staff comments are due back to the designer by June 21. The tentative completion date for the bid documents is September 2019 with bidding of the project slated for this Fall and construction starting Spring 2020 for the Kaski and Madrone Tanks. The construction of the Lewis Tank may be delayed due to a more complicated environmental review.

*San Lorenzo Way Bridge:* Santa Cruz Department of Public Works (DPW) is working on plans to replace the San Lorenzo Way Bridge. District staff are working in concert with Santa Cruz DPW staff to provide water details. This effort

will ensure that water facilities constructed with the bridge are built to District standards.

*Swim Tank:* District staff have obtained a right-of-entry from the property owner of the new Swim tank site. Survey work is underway to determine if the site is large enough to hold the proposed 100,000-gallon tank.

#### RFP/RFQ:

*Bear Creek Wastewater Facilities:* On May 31<sup>st</sup> at 3 pm, the District opened one proposal received for this project. The proposal was subsequently reviewed by the Engineering Committee on June 6<sup>th</sup>. The Engineering Committee recommended that the Board reject the proposal and that District staff solicit for new proposals from qualified engineering firms. Staff is waiting for Board approval before proceeding.

*2019 Water Master Plan:* On May 31<sup>st</sup> at 3 pm, the District opened two proposals received for this project. The proposals were from Akel Engineering and WSE. The proposals were subsequently reviewed by the Engineering Committee on June 6<sup>th</sup>. The proposals were ranked and WSE was found to have submitted the best proposal. The Engineering Committee asked staff to complete a thorough evaluation of the proposals and the consultants before forwarding the Engineering Committee recommendation to the Board. Interviews with the two consultants are scheduled for June 27<sup>th</sup>.

The 2019 Water Master Plan is intended to assist the District in system planning, identify hydraulic deficiencies, and guide the development of system improvement projects.

#### Other Projects:

*Glen Arbor Bridge Water Main Leak:* The water main inside the Glen Arbor Bridge over the San Lorenzo River has developed a leak. District staff are working with Santa Cruz DPW staff to obtain an encroachment permit to core the bridge deck and are researching camera equipment that can be inserted in the bridge to determine the cause of the leak. If the leak is repairable, staff will work to obtain approval to cut a manhole in the bridge deck to gain permanent access and repair the leak.