

MEMORANDUM

TO: Roxborough Water and Sanitation District
Board of Directors

FROM: TST Infrastructure, LLC
Bill Goetz

SUBJECT: Engineering Status Report

DATE: March 10, 2020

I. DEVELOPMENT PROJECTS

Roxborough Downs PA-13 – Construction is complete, and facilities conveyance is in progress. TST has provided review comments regarding additional easements required from the developer.

A loop through the Martin Marietta property will be required to meet the needed fire flow. Developer's plans have been approved. To date, construction has not been scheduled. (No Change)

Dog's World – Work at the site has resumed with a new contractor. No water work is in progress at this time.

12" North Loop Waterline Relocation – TST provided review and comments to the relocation of the 12" north water line loop by Sterling Ranch.

II. WATER TREATMENT PLANT

Bids have been received for hauling dewatered sludge from old reclaim basin and award of a contract will be requested at the board meeting.

A preconstruction conference was held for installation of piping and electrical work associated with installation of the additional high service pump. Work at the site is expected to begin on or about May 21.

III. GIS

TST has reconfigured system architecture to improve system functionality and reliability. Conversion of previous functionality to the new system architecture continues.



Memorandum
March 10, 2020
Page 2

IV. LIFT STATION AND ZONE 3 TANK PAVING PROJECTS

Work is complete and the required contract closeout documentation has been received from the contractor. The final application for payment is included in the board packet.

V. MEADOW DITCH

Discussions are in progress regarding the requirements for using the water to serve the NWDC area.

VI. ROCK WREN SEWER REPLACEMENT

Design for the Rock Wren sewer replacement is in progress.

VII. RAMPART WATER LINE REPLACEMENT

Preliminary Engineering and development of options for the Rampart Range Road water line replacement is ready for review with District staff.

VIII. RATE STUDY

The 2020 Rate Study is nearly complete and will be presented at the board meeting.

IX. 2020 MASTER PLAN UPDATE

Updating the model and evaluation of the system using the updated model has been completed. The updated model enables more detailed analysis of the system including water quality modeling.

Development of options for providing permanent service to Plum Valley Heights and the Douglas County parcel has been completed. District staff and TST met with the county to review potential options.

The capital improvement program has been updated to identify the estimated scope and timing of capital projects for the next several years.