



MEMORANDUM

TO: Roxborough Water and Sanitation District
Board of Directors

FROM: TST Infrastructure, LLC
Bill Goetz

SUBJECT: Engineering Status Report

DATE: April 8, 2020

I. DEVELOPMENT PROJECTS

Roxborough Downs PA-13 – Construction is complete, and facilities conveyance is in progress. Legal descriptions for additional easements required from the developer have been received.

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 – Installation of water lines has not started pending fire department approval of the water system design.

II. WATER TREATMENT PLANT

TST continues to monitor HVAC performance with no recent issues noted.

Bids have been received for hauling dewatered sludge from the old reclaim basin and preparation of contracts is in progress.

Material and equipment procurement for installation of piping and electrical work associated with installation of the additional high service pump is in progress. Work at the site is expected to begin on or about May 21.



Memorandum
April 8, 2020
Page 2

III. GIS

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

IV. MEADOW DITCH

Discussions are in progress regarding the requirements for using the water to serve the NWDC area. Planning for potential development of a smaller reservoir is in progress.

V. ROCK WREN SEWER REPLACEMENT

Design for the Rock Wren sewer replacement is in progress. After significant difficulty due to pipeline depth, potholing to determine the location of existing pipelines has been completed.

VI. RAMPART WATER LINE REPLACEMENT

Development of preliminary pipeline routing options for the Rampart Range Road water line replacement has been completed and reviewed with Staff.

VII. RATE STUDY

Preparation of the final report for the 2020 Rate Study is in progress and is expected to be complete the week of April 13.

VIII. 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.