



MEMORANDUM

TO: Roxborough Water and Sanitation District
Board of Directors

FROM: TST Infrastructure, LLC
Bill Goetz

SUBJECT: Engineering Status Report

DATE: May 13, 2020

I. DEVELOPMENT PROJECTS

Roxborough Downs PA-13 – Construction is complete, and facilities conveyance is in progress.

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 is complete. Final inspection of water and sewer is required after site grading and paving are completed.

II. WATER TREATMENT PLANT

A contract has been executed with Kelley Trucking for hauling dewatered sludge from the old reclaim pond, and hauling is expected to begin in the next week or two.

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 June 6.

III. LIFT STATION PUMP ADDITION

Design is complete and the project has been advertised for bids. The bid opening is scheduled for June 4 and we expect to request award of a contract at the June board meeting.



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IV. GIS

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

V. MEADOW DITCH

Discussions are in progress regarding the requirements for using the water to serve the NWDC area. Additional modeling is being performed to confirm the feasibility of conveying the water to Chatfield Reservoir.

VI. ROCK WREN SEWER REPLACEMENT

Design for the Rock Wren sewer replacement is in progress. District Staff and TST have reviewed conceptual drawings to develop a detailed strategy for the project.

VII. RAMPART WATER LINE REPLACEMENT

Aerial mapping has been completed and survey is in progress.

VIII. RATE STUDY

The report for the 2020 Rate Study is complete.

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.

Preparation of the first draft is in progress.