



MEMORANDUM

TO: Roxborough Water and Sanitation District
Board of Directors

FROM: TST Infrastructure, LLC
Bill Goetz

SUBJECT: Engineering Status Report

DATE: November 13, 2019

I. DEVELOPMENT PROJECTS

Roxborough Downs PA-13 - Remaining work is limited to correction of punch list items. (No Change)

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 commenced. Installation of sewer lines is complete. Additional site grading is required prior to installation of water lines.

II. WATER TREATMENT PLANT

TST continues to monitor HVAC performance and the contractor continues to respond to issues as necessary.

The warranty on the 6 MGD Expansion portion of the work will expire in December and an inspection to identify any remaining warranty items is planned for the week of November 11.

III. GIS

TST has reconfigured system architecture to improve system functionality and reliability and the first phase of the reconfigured system was put in service the week of October 14. Additional improvements to complete the reconfiguration are expected to be put in service the week of November 18th.



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IV. RAVENNA PHASE 2 CONNECTIONS

The project is complete and the contractor's request for final payment is included in the board packet.

V. LIFT STATION AND ZONE 3 TANK PAVING PROJECTS

Paving has been completed. Remaining work includes installation of flow meters, landscaping, and punchlist items.

VI. MEADOW DITCH PIPELINE

TST has completed a route study to identify options for conveying Meadow Ditch water to the Ravenna water supply system. The District's water rights consultant has provided additional information regarding pumping rates required without reservoir storage. This information will enable us to finalize pump and pipeline requirements.

VII. 2019 RATES

Rates for raw water irrigation for Arrowhead Golf Course and Roxborough Village Metropolitan District have been updated.

VIII. 2018 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 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.