



MEMORANDUM

TO: Roxborough Water and Sanitation District
Board of Directors

FROM: TST Infrastructure, LLC
Bill Goetz

SUBJECT: Engineering Status Report

DATE: October 9, 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. Substantial earthwork is required prior to installation of site utilities. Installation of water and sewer lines is expected to begin in November.

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 expected to occur prior to the end of October.

III. GIS

TST is reconfiguring system architecture to improve system functionality and reliability. The first phase of the reconfigured system will be put in service the week of October 14.



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IV. RAVENNA PHASE 2 CONNECTIONS

The project is complete except for punchlist items. Preparation of project closeout documents is in progress and final payment should be requested at the November board meeting.

V. LIFT STATION AND ZONE 3 TANK PAVING PROJECTS

Paving has been completed. Installation of flow meters, the new gate at the lift station and landscaping remains.

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 consulting is performing additional modeling to establish required pumping rates. 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.

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