

**MEMORANDUM**

TO: Roxborough Water and Sanitation District  
Board of Directors

FROM: TST Infrastructure, LLC  
Bill Goetz

SUBJECT: Engineering Status Report

DATE: September 10, 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.

**II. WATER TREATMENT PLANT**

HVAC systems continue to experience periodic problems. The contractor continues to respond to those problems.

The contractor is working on warranty punchlist items for the first phase of construction.

**III. NWDC WATER PROJECT**

Contractor warranty on the project expired as of August 2, 2019. As of September 10, 17 residential units had not been connected to the system.



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IV. GIS

TST is reconfiguring system architecture to improve system functionality and reliability.

V. RAVENNA PHASE 2 CONNECTIONS

Additional work to increase system pressure in certain areas is in progress with completion scheduled for September 29.

VI. LIFT STATION AND ZONE 3 TANK PAVING PROJECTS

Subgrade prep at the lift station has been completed and is underway at the Zone 3 tank site. Paving is scheduled to begin the week of September 16.

VII. MEADOW DITCH PIPELINE

TST has completed a route study to identify options for conveying Meadow Ditch water to the Ravenna water supply system. A meeting has been scheduled with the District's water supply consultants to discuss options for developing the Meadow ditch supply.

VIII. 2019 RATES

District comments on the draft rate report have been received and TST is revising the report based on the comments received.

IX. 2018 MASTER PLAN UPDATE

Updating of the water system hydraulic model has been completed and evaluation of the system using the updated model is in progress.

Development of options for providing permanent service Plum Valley Heights and the Douglas County parcel is in progress. The identified options could also be capable of providing service to existing development along the Santa Fe corridor.

District staff and TST are meeting on a recurring basis to develop the scope for the Master Plan update.