

MEMORANDUM

TO: Roxborough Water and Sanitation District
Board of Directors

FROM: TST Infrastructure, LLC
Bill Goetz

SUBJECT: Engineering Status Report

DATE: July 8, 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.

Dog's World – Developer's plans have been approved. To date, construction has not been scheduled.

II. WATER TREATMENT PLANT

HVAC systems are mostly operating normally. One air-conditioning unit failed for the third time. Repair was performed differently than previous repairs, and the unit is back in service. TST and the contractor continue to monitor performance.

Warranty on the 4 MGD portion of the plant expired June 26, 2019. A final walkthrough was performed to identify remaining warranty items, and the contractor is expected to perform repairs in the near future.

III. NWDC WATER PROJECT

Checking of new service line installations continues on a weekly basis to confirm that there are no leaks in the meter pits. As of June 4, 2019, 54 residential units had not been connected to the system. (Ongoing)



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IV. GIS

Data for new service line meters is being entered into the system as meter replacement progresses. Water and sewer system maps are being updated to include pipelines installed under several recent projects. (Ongoing)

V. RAVENNA PHASE 2 CONNECTIONS

Work on the original contract is complete, however the contract is being extended to include additional work to increase system pressure in certain areas.

VI. LIFT STATION AND ZONE 3 TANK PAVING PROJECTS

Contract documents have been signed and Notice to Proceed has been issued. A preconstruction conference is scheduled for July 10.

VII. MEADOW DITCH PIPELINE

TST has completed a route study to identify options for conveying Meadow Ditch water to the Ravenna water supply system. Additional coordination with water supply consultants is required to ensure that all water rights constraints are considered.

VIII. 2019 RATES

The draft rate report has been submitted to District Staff for review.

IX. 2019 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.