



MEMORANDUM

TO: Roxborough Water and Sanitation District
Board of Directors

FROM: TST Infrastructure, LLC
Bill Goetz

SUBJECT: Engineering Status Report

DATE: June 10, 2019

I. DEVELOPMENT PROJECTS

Roxborough Downs PA-13 - Remaining work includes completion of service line installations, punch list items, and raising manholes and valve boxes after paving. (No Change)

A loop through the Martin Marietta property will be required to meet the needed fire flow. Developer's plans have been approved. (No Change)

Dog's World – Developer's plans have been approved.

II. WATER TREATMENT PLANT

HVAC systems are operating normally and TST and the contractor continue to monitor performance.

The warranty for the 4 MGD portion of the plant expires June 26, 2019. A final walkthrough has been scheduled to identify any remaining warranty items.

III. NWDC WATER PROJECT

Checking of new service line installations continue 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 at the site is complete. Pending submittal of the required documentation, final payment will be requested at the July board meeting.

VI. ROXBOROUGH LIFT STATION AND ZONE 3 TANK PAVING PROJECT

Bids were received for the Roxborough Lift Station and Zone 3 Tank Paving project, and a copy of the bid tab is included in the packet. The low bidder was HPM Inc., and award of a contract will be requested at the meeting.

VII. CONSTRUCTION WATER FOR STERLING RANCH FILING 3

TST provided estimated costs for additional work at the WTP required to provide metering of the proposed raw water connection. Work will commence when the costs have been approved.

VIII. 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.



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IX. 2019 RATES

Preparation of the rate report is in progress.

X. 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 to 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.