

MEMORANDUM

To: Erika Mancha, P.E., Innovative Water Technologies, Texas Water Development Board (TWDB)

FROM: Eva Steinle-Darling, Carollo Engineers

SUBJECT: **Progress Report No. 8**
Testing Water Quality in a Municipal Wastewater Effluent Treated to Drinking Water Standards Quarterly Report

DATE: December 2015

CONTRACT: 1348321632

Recent Project Activities: September - November 2015

Task 1: Prepare for Sampling

- Preparation work for sampling completed September 15-16, 2015.

Task 2: Implement Testing Protocol

- Conducted sampling event on September 15-16, 2015. All samples collected as planned, including virus samples.
- Processed data, receipts and expenses from all prior testing events.
- Processing invoices from laboratories and subcontractors.
- Trasar testing at Ventura, CA, which was removed from the active scope of the TWDB project, was completed in July. Expenses associated with this testing will be paid by the WateReuse Research Foundation and are included under the in-kind contribution of Task 2. Documentation of Nalco's in-kind contribution is provided as part of the invoice associated with this progress report.
- Additional analyses for samples from Big Spring were invoiced to the WateReuse Research Foundation and are also included under the in-kind contribution of Task 2.
- Data from all four sample events was compiled and graphed for evaluation and inclusion in the sampling report.

Task 3: Monitoring Guidance Report

- no activity

Task 4: Support CRMWD with Additional Sampling

- Support & coordination for *Cryptosporidium/Giardia* samples collected in September (on-site), October, and November.

- Coordinated results with CRMWD.

Issues Encountered:

- No issues encountered

Items to be Addressed and Anticipated Project Activities:

- Sample data compilation is nearly complete and the sample report will be completed in the next period.
- The monitoring guidance report will also be started during the next period.
- Continued support for Task 4 components will be provided.