

MEMORANDUM

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

FROM: Eva Steinle-Darling, Carollo Engineers

SUBJECT: **Progress Report No. 9**
Testing Water Quality in a Municipal Wastewater Effluent Treated to Drinking Water Standards Quarterly Report

DATE: March 2016

CONTRACT: 1348321632

Recent Project Activities: December 2015 - February 2016

Task 1: Prepare for Sampling

- This task is complete. .

Task 2: Implement Testing Protocol

- Coordinated the collection of additional samples in coordination with monthly (Task 400) samples. These included more particle size distribution samples for analysis by Carollo and an additional *Giardia* and *Cryptosporidium* sample in the MF filtrate (RO Feed) due to elevated concentrations in RWPF Influent. To date, no protozoa were found in the filtrate even when higher concentrations were measured in the influent.
- Data from all four major sample events has been compiled and graphed for evaluation and inclusion in the Data Report.

Task 3: Monitoring Guidance Report

- no activity

Task 4: Support CRMWD with Additional Sampling

- Support & coordination for *Cryptosporidium*/*Giardia* samples collected in December, January, and February.
- Coordinated results with CRMWD.

Issues Encountered:

- No issues encountered.

Items to be Addressed and Anticipated Project Activities:

- Informal draft of Data Report to be submitted for TWDB review prior to Texas Water conference presentation.
- The Final Report and DPR Monitoring Guidance will be started during the next period.
- Continued support for Task 4 components will be provided through May 2016 sample.

Project Schedule Update

As requested, the following provides an updated schedule for remaining project milestones:

- Early April - submission of informal draft Data Report
- Early April - completion of penultimate monthly sample event
- Early May - completion of last monthly sample event
- On or before May 31- submission of formal draft Data Report
- On or before May 31 - submission of draft Final Report and DPR Monitoring Guidance
- June or July - presentation on project results hosted by TWDB, in coordination with CRMWD staff