

# MEMORANDUM

**To:** Saqib Shirazi, Ph.D., P.E., Innovative Water Technologies, Texas Water Development Board (TWDB)

**FROM:** Justin Sutherland, Ph.D., P.E., Carollo Engineers

**SUBJECT:** Developing Practical Alternatives to Pilot Plant Studies for Innovative Water Technologies Quarterly Report – December 2012

**DATE:** December 24, 2012

**CONTRACT:** 1148321310

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## **Recent Project Activities:**

Since submission of the previous Quarterly Report (ending August 2012):

- 1) Met with Project Team and TCEQ staff on September 14 to discuss guidance document revision based on comments from the second stakeholder meeting.
- 2) Continued data acquisition and review for Phase II.
- 3) Continued evaluating data for Phase II.
- 4) Began RO pumping power cost analysis

## **Issues Encountered:**

None to report this quarter.

## **Items to be Addressed and Anticipated Project Activities:**

The following are anticipated project activities over the next quarter:

- 1) Complete data acquisition and review for Phase II.
- 2) Complete evaluation of data for Phase II.
- 3) Complete RO pumping power cost analysis.
- 4) Internal review of draft report summarizing results from Phase II.
- 5) Submit Draft Final Report (Components A and B) to TWDB for review.
- 6) Begin preparation of draft best practices manual (Phase III)