



1320 South University Drive
 Suite 300
 Fort Worth, Texas 76107
 Phone 817-806-1700
 Fax 817-870-2536

**PROJECT PROGRESS REPORT
 EVALUATING THE POTENTIAL OF DIRECT POTABLE REUSE IN
 TEXAS**

TO: Erika Mancha, Innovative Water Technologies, Texas Water Development Board (TWDB)

FROM: Ellen T. McDonald, Ph.D., P.E., APAI

SUBJECT: TWDB Contract No. 1248321508, Quarterly Progress Report

DATE: December 5, 2013

APAI PROJECT: 0866-005-01

Cc: TWDB Project Sponsors; file

SUMMARY OF WORK COMPLETED

During this reporting period, APAI's primary activities were (by task):

Task	Description	Summary of Work Completed	Est. % Comp.
1	Kickoff Meeting	<ul style="list-style-type: none"> Kickoff completed 3/5/13 	100%
2	Relevance of CoCs	<ul style="list-style-type: none"> Summarized stakeholder data Reviewed literature data for CECs in Texas Developed recommended monitoring list for surrogates and indicators Summarized state of analytical technology related to monitoring/analysis of CECs Prepared draft memorandum and posted to Basecamp 	100%
3	WQ Performance Targets	<ul style="list-style-type: none"> Prepared and distributed Task3 memo Prepared for and conducted Workshop #1 Prepared and distributed summary of Workshop #1 Prepared draft summary of proposed water quality performance targets and posted to Basecamp 	100%
4	Source WQ Characterization	<ul style="list-style-type: none"> Entered and summarized stakeholder data Performed comparison of data to potential targets and evaluated similarities between stakeholders Coordinated with analytical laboratory and QRRR case study participants to establish sampling protocols and initiate sampling 	20%
5	Source Control Evaluation	<ul style="list-style-type: none"> Began evaluation of source control strategies 	50%
6	Evaluation of Treatment Technologies	<ul style="list-style-type: none"> Began assessment of treatment technologies 	30%

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		<ul style="list-style-type: none">• Began development of technical memorandum	
7	Significance of Environ. Buffers	<ul style="list-style-type: none">• Began summary of literature	5%
8	QRRRA	<ul style="list-style-type: none">• Coordinated with Task 4 data collection to insure proper data is collected for case studies	5%
9	Sample Pilot Protocols	<ul style="list-style-type: none">• Work on this task has not started	0%
10	Legal/Reg. Review	<ul style="list-style-type: none">• Work on this task has not started	0%
11	Resource Document	<ul style="list-style-type: none">• Work on this task has not started	0%
12	Admin/QC Tasks	<ul style="list-style-type: none">• Ongoing coordination and administration of project tasks, accounting and reporting	40%

ISSUES ENCOUNTERED

None to report