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**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: September 5, 2014

APAI PROJECT: 0866-005-01

Cc: TWDB Project Sponsors; file

SUMMARY OF WORK COMPLETED

During this reporting period (through August 22, 2014), APAI's primary activities were (by task):

| Task | Description | Summary of Work Completed | Est. % Comp. |
|-------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Kickoff Meeting | • Kickoff completed 3/5/13 | 100% |
| 2 | Relevance of CoCs | • Task complete | 100% |
| 3 | WQ Performance Targets | • Task complete | 100% |
| 4 | Source WQ Characterization | • All sampling has been completed. All analysis results have been received from the lab and have been summarized in tabular form for use on Tasks 8 and 9. | 100% |
| 5 | Source Control Evaluation | • Task complete | 100% |
| 6 | Evaluation of Treatment Technologies | • Completed Task 6 memo and workshop summary. Task is complete. | 100% |
| 7 | Significance of Environ. Buffers | • Final draft memo is complete and has been posted. | 100% |
| 8 | QRRA | • QRRA is underway. Anticipated completion of draft for internal review by the end of September. | 50% |
| 9 | Sample Pilot Protocols | • Final draft memo describing pilot protocols is nearly complete and will be posted to Basecamp within 1 week. | 90% |
| 10 | Legal/Reg. Review | • Information for the legal/regulatory summary to be included in the resource document has been provided to APAI by Lloyd Gosselink. | 5% |
| 11 | Resource Document | • Work on the resource document has begun. Target completion of draft for internal team review is currently Oct. 31st. | 5% |

| Task | Description | Summary of Work Completed | Est. % Comp. |
|-------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 12 | Admin/QC Tasks | <ul style="list-style-type: none">• Ongoing coordination and administration of project tasks, accounting and reporting | 80% |

ISSUES ENCOUNTERED

APAI requested an extension of the STUDY COMPLETION DATE (date of submission of draft report to TWDB) to December 31, 2014. The extension was approved and execution of signatures on the amendment are underway.