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## MEMORANDUM

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

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

**SUBJECT:** Storm Water Reuse Monthly Report – September 2009

**DATE:** October 6, 2009

**PROJECT:** 0866-003-01

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Recent Project Activities:

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

Task 2- Approach for determining storm water quantities. Continued refinement of approach using WAMs and other hydrologic methods to estimate storm water quantities and incorporated into guidance document.

Task 4- Practices and technology for treatment/reuse. Continued development of treatment and ASR practices and incorporated into guidance document.

Task 5- Define legal issues. Evaluation of legal issues was continued and incorporated into guidance document.

Task 6- Impacts on downstream ecology. The review of ecological impacts was continued and incorporated into the guidance document.

Task 7- Identify regions with greatest potential. Continued development and documentation of categorizing planning regions and prioritizing for greatest potential for storm water reuse, particularly with respect to ASR.

Task 8- Work from other tasks was incorporated into the draft guidance document.

Task 9- Project administration. Work included project management, including coordination of subconsultants and administration of project reporting and billing.

Issues Encountered:

None to report.

Items to be Addressed and Anticipated Project Activities:

The draft guidance document has been submitted to the consultant team for comments. APAI will incorporate comments from the team and prepare the draft document for submittal to TWDB by October 30<sup>th</sup>.