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MEMORANDUM

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 – April 2009

DATE: May 7, 2009

PROJECT: 0866-003-01

Recent Project Activities:

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

Task 3- Further refinement of information related to practices and technologies for harvesting was performed.

Task 6- Impacts on downstream ecology. Issues related to downstream ecological impacts are currently being researched and summarized.

Task 8- Guidance document. Information from other tasks has been incorporated into the guidance document on an ongoing basis, as it is developed. The format of the guidance document was modified and provided to the TWDB for comment. TWDB consensus on the format was received and work has proceeded to incorporate the existing components into this format.

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

Issues Encountered:

No substantial issues were encountered during this reporting period.

Items to be Addressed and Anticipated Project Activities:

Work in the following month will include further development of the approach for determining storm water quantities (Task 2) as well as further refinement of the practices and technology for

harvesting and treatment sections (Tasks 3 and 4). In addition, identification of regions with the greatest potential for stormwater reuse will be initiated (Task 7). APAI has also coordinated with Miya Water to begin evaluation of ASR components of the study.