

**Development of a Watershed Protection Plan
for Geronimo Creek**

Guadalupe-Blanco River Authority
FY09-11 CWA Section 319(h)
Project No. 08-06

Quarterly Report Number 15

Covering work accomplished July through September, 2012

October 12, 2012

I. Abstract

Administrative tasks, meetings and planning activities were performed during the reporting period.

II. Overall Progress and Results by Task

TASK 1: Project Administration and Coordination

Subtask 1.1: The GBRA will prepare electronic quarterly progress reports for submission to TSSWCB. Progress reports shall document all activities performed within a quarter and shall be submitted by the 15th of January, April, July and October. All progress reports will be posted to the project website and provided to all project partners.

- GBRA prepared the progress report for April through June 2012 and submitted the report on July 9, 2012.

99% complete – On-going

Subtask 1.2: GBRA will perform accounting functions for project funds and will submit appropriate reimbursement forms to TSSWCB at least quarterly.

- GBRA submitted the invoice for April through June 2012 on July 30, 2012.

96% complete – On-going

Subtask 1.3: GBRA will host coordination meetings or conference calls with TSSWCB and any subcontractors as appropriate, at least quarterly to discuss project activities, project schedule, communication needs, deliverables, and other requirements.

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- July 16, 2012 - Debbie Magin attended a meeting of the homeowners from

Oak Village North and the city of Seguin. The meeting was held by the city to brief the homeowner representatives on the grant application that the city was making for Clean Water Act Section 319 funding from TCEQ. The proposal would fund the decommissioning of the failing septic systems that are being replaced with city wastewater collection lines. The proposal was also to have an upgrade of the stormwater conveyance system being installed in the neighborhood but the city had to remove that from the proposal due to the construction schedule. The homeowners were in favor of the city's application.

- July 17, 2012 – Debbie Magin attended the City of Seguin's city council meeting. The council heard about the city's grant proposal. Ms. Magin was there to represent the partnership, answer any questions, and express the partnership's support of the grant application.
- July 26, 2012 – Debbie Magin attended the Watershed Coordinator Roundtable meeting to keep up-to-date on current research and news regarding watershed based projects in Texas.
- August 7, 2012 - Texas AgriLife and GBRA hosted the stakeholders meeting. The agenda and sign up sign in sheets are attached. The final watershed protection plan was presented and stakeholders were asked to sign the plan before the plan was submitted to EPA.
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95% complete – On-going

TASK 2. Quality Assurance

Subtask 2.1: GBRA will develop a quality assurance project plan (QAPP) for activities in tasks 3 and 4, consistent with *EPA Requirements for Quality Assurance Project Plans (QA/R-5)* (May 2006) and the *TSSWCB Environmental Data and Quality Management Plan* (August 2007).

Consistency with Title 30, Chapter 25 of the Texas Administrative Code, Environmental Testing Laboratory Accreditation and Certification, which describes Texas' approach to implementing the National Environmental Laboratory Accreditation Conference standards, shall be required.

All monitoring procedures and methods prescribed in the QAPP shall be consistent with the guidelines detailed in the TCEQ *Surface Water Quality Monitoring Procedures, Volume 1: Physical and Chemical Monitoring Methods for Water, Sediment, and Tissue* (RG-415) December 2003) and *Volume 2: Methods for Collecting and Analyzing Biological Community and Habitat Data* (RG-416) (August 2005).

- No work was performed under this task in this quarter.

100% completed

Subtask 2.2: GBRA will submit revisions and necessary amendments to the QAPP as needed.

- No work was performed under this task in this quarter.

100% completed

TASK 3. Water Quality Monitoring

Subtask 3.1: Technical consultant will compile historical and baseline data on the Geronimo Creek watershed, including water quality data, land use, topography, soil types and vegetation.

- No work was performed under this task in this quarter.

100% completed

Subtask 3.2: GBRA, with consultation with the technical consultant, will produce a twelve-month water quality monitoring plan based on information identified in Subtask 3.1, including monthly routine and targeted monitoring of the stream and tributaries, quarterly monitoring of the springs (up to four locations), and the quarterly monitoring of wells (up to four locations) that are in close proximity to be contributing to the stream flow through springs.

- No work was performed under this task in this quarter.

100% completed

Subtask 3.3: GBRA will conduct water quality monitoring of the watershed as described in the plan developed in Subtask 3.2 and under the QAPP developed in Subtask 2.1.

- No work was performed under this task in this quarter.

100% completed

TASK 4. Water Quality Modeling and Data Analysis

Subtask 4.1: The Technical Consultant will perform services that include the selection of a model(s) that facilitate development of the watershed protection plan; produce geographical information including digitizing of land use data to the sub-watershed level; data analysis to rank sources of the impairments; estimation of the fate and transport of bacteria, nutrients and other constituents; and

production tools that can be used to evaluate the effectiveness of best management practices.

- No work was performed under this task in this quarter.

100% completed

Subtask 4.2: The Technical Consultant will perform all necessary phases of modeling that facilitate development of the watershed protection plan as described in Task 5.

- No work was performed under this task in this quarter.

100% completed

TASK 5. Watershed Partnership and Plan Development

Subtask 5.1: GBRA will subcontract with the Texas AgriLife Extension Service (Extension) to facilitate the development of the Geronimo Creek Watershed Partnership Steering Committee and associated subcommittees for the purpose of plan development, including Texas Watershed Steward training for stakeholders.

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- July 13, 2012 – Extension held a conference call with the City of Seguin to discuss the 319h grant proposal to the TCEQ. This resulted in the City of Seguin submitting a grant proposal on July 31 to TCEQ to provide assistance to homeowners in Oak Village North.
- August 7, 2012 – Stakeholder meeting held in Seguin at the GBRA River Annex.

92% completed – On-going

Subtask 5.2: Extension, in collaboration with GBRA, will develop the Geronimo Creek Watershed Protection Plan.

- At the August 7th, 2012 Partnership meeting, the final draft WPP was presented to the Steering Committee. Discussion followed and resulted in the Steering Committee giving their approval of the final draft and signing the plan before submission to TSSWCB, and eventually the EPA.

80% completed – On-going

III. Related Issues/Current Problems and Favorable or Unusual Developments

IV. Projected Work for Next Quarter

The following will be accomplished during the coming quarter:

- a.
- b. Schedule and conduct a Partnership meeting.
- c.