

**Texas A&M AgriLife**  
**Texas Water Resources Institute**

**Pecos River Basin Assessment Program**  
**FY04 CWA Section 319(h)**  
**TSSWCB Project No. 04-11**

Quarter no. 18 From 1/01/09 Through 3/31/09

**I. Abstract**

The majority of work conducted this quarter has focused on finalizing the Economic Modeling task report and the project final report. The Economic Modeling report has been completed and is now posted on the project website. The project final report is being finalized and will be posted on the website soon. EPA is still in the process of reviewing the WPP and has not provided their official comments yet. .

**II. Overall Progress and Results by Task**

**TASK 1: Basin Assessment**

*Subtask 1.1: Aerial Photography, Delineation, and Characterization*

The following actions have been completed during this reporting period:

- a. This subtask is completed.

**100% Complete**

*Subtask 1.2: Historical Water Quality, Irrigation Delivery, Rainfall, Red Bluff Lake Levels, and Groundwater Monitoring*

The following actions have been completed during this reporting period:

- a. This subtask is completed

**100% Complete**

*Subtask 1.3: Aquatic Life and Habitat Inventory*

The following actions have been completed during this reporting period:

- a. This subtask is completed.

**100% Complete**

*Subtask 1.4: Identify and Characterize the Volume and Quality of Tributaries and Springs*

The following actions have been completed during this reporting period:

- a. This subtask is completed.

**100% Complete**

*Subtask 1.5: Identify and Characterize Saline Water Sources Entering the Pecos River*

The following actions have been completed during this reporting period:

- a. This subtask is completed

**100% Complete**

*Subtask 1.6: Simulate Flow and Salinity of the Pecos River for Evaluating River Management Options*

The following actions have been completed during this reporting period:

- a. This subtask is completed.

**100% Complete**

*Subtask 1.7: Economic Modeling of the Pecos River Basin and Assessment of Saltcedar Control Activities*

The following actions have been completed during this reporting period:

- a. The final report has been completed and is now posted on the project website.

**100% Complete**

**Task 2: Educational Programming**

*Subtask 2.1: Publish Written Informational Materials to Educate Private Landowners, Stakeholders, and Policy Makers about the Pecos River basin and the effects of saltcedar*

The following actions have been completed during this reporting period:

- a. Work is being done to finalize the WPP. Upon completion, it will be posted to the project website and printed.

**98% Complete**

*Subtask 2.2: Educational Meetings of Interested Parties for Input and Organizational Support*

The following actions have been completed during this reporting period:

- a. This subtask is completed.

**100% Complete**

*Subtask 2.3: Develop a Website for Dissemination of Information*

The following actions have been completed during this reporting period:

- a. Ongoing activities and updates were posted to the project website.

**99% Complete**

**Task 3: Establish a Monitoring Program**

*Subtask 3.1: Develop a QAPP for Sampling Protocol*

The following actions have been completed during this reporting period:

- a. This subtask is completed.

**100% Complete**

*Subtask 3.2: Water Quality Monitoring, including Total Dissolved Solids (TDS), Total Suspended Solids, Potential Hydrogen (pH), Dissolved Oxygen (DO), and Electrical Conductivity (EC)*

The following actions have been completed during this reporting period:

- a. Routine water quality samples were collected as part of the Texas Clean Rivers Program.

**100% Complete**

*Subtask 3.3: Quantity and Fate of Water Salvage as a Result of Saltcedar Control*

The following actions have been completed during this reporting period:

- a. This subtask is completed

**100% Complete**

## **Task 4: Watershed Protection Plan**

### *Subtask 4.1: Develop Annual Reports and a Final Report Summarizing Basin Assessment, Educational Programming, and Monitoring*

The following actions have been completed during this reporting period:

- a. The project Final report is being finalized and will be completed next quarter and posted to the project website.

**99% Complete**

### *Subtask 4.2: Produce the Final Watershed Protection Plan for Pecos River Segments 2312, 2311, and 2310*

The following actions have been completed during this reporting period:

- a. A second set of comments on the WPP were received from TSSWCB on November 12<sup>th</sup>.
- b. TWRI has addressed these comments and returned the WPP to TSSWCB for submission to EPA.
- c. The plan was submitted to EPA on November 19<sup>th</sup> for their consistency review.

**98% Complete**

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

- a. A proposal to implement portions of the Pecos Watershed Protection Plan was submitted to TSSWCB for funding consideration on February 15<sup>th</sup>. Funding for this proposal has been delayed until the WPP has been reviewed by EPA. It is anticipated that this will take place during the next quarter.

## **IV. Projected Work for Next Quarter**

The following will be accomplished during the coming quarter:

- Subtask 1.1* – No activities planned. This subtask is complete.
- Subtask 1.2* – No activities planned. This subtask is complete.
- Subtask 1.3* – No activities planned. This subtask is complete.
- Subtask 1.4* – No activities planned. This subtask is complete.
- Subtask 1.5* – No activities planned. This subtask is complete.
- Subtask 1.6* – No activities planned. This subtask is complete.
- Subtask 1.7* – No activities planned. This subtask is complete.
- Subtask 2.1* – The final version of the WPP will be announced and posted to the project website upon its completion.
- Subtask 2.2* – No activities planned. This subtask is complete.
- Subtask 2.3* – Post updates and documents to the project website.

***Subtask 3.1*** – No activities planned. This subtask is complete.

***Subtask 3.2*** – Routine water quality samples will be collected as part of monitoring activities carried out through the Texas Clean Rivers Program.

***Subtask 3.3*** – No activities planned. This subtask is complete.

***Subtask 4.1*** – No activities planned. This subtask is complete.

***Subtask 4.2*** – Address EPA comments if applicable. Print the final version of the plan.