

**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. 17 From 10/01/08 Through 12/31/08

I. Abstract

The majority of work conducted this quarter has focused on making revisions to the WPP. Comments on the WPP were received from TSSWCB on November 12th. Changes were made and the WPP was re-submitted to TSSWCB and subsequently submitted to EPA for their review. The first draft of the final report for the economic modeling subtask was completed and sent to project members for review. Revisions to this report are currently being made. Work on the project final report has continued and should be completed next quarter.

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. A draft of the subtask final report was completed and sent out for review this quarter.
- b. Extensive comments were made on this report and it is currently under going revisions.

75% 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. Work on the Final report is under way and should be completed next quarter.

98% 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 12th.
- 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 19th 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 15th. 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 – Revisions to the final report will continue.

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.