

**Texas AgriLife Research
Texas Water Resources Institute**

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

Quarter no. 21 From 10.1.2009 Through 12.31.2009

I. Abstract

The Pecos WPP has been printed and distributed. A series of public meetings were held in the watershed during the first week of December. Direct mailings and news releases were used to publicize these meetings. An electronic version of the WPP can now be downloaded from the project website and hard copies of the WPP can be obtained from local SWCDs in the watershed and the Watershed Coordinator in Fort Stockton. Work on the project final report has been completed and it is currently being reviewed by TSSWCB. An Executive Summary of the Pecos WPP is currently in development and will be printed and distributed in addition to the WPP.

Project deliverables have been completed and the project will be complete upon the submission of the final report to EPA 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. 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. The final round of public meetings was held in the first week of December in the towns of Pecos, Imperial, Iraan and Ozona.
- b. This subtask is now complete.

100% 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. The final printed version of the Pecos WPP was posted to the project website.

100% 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 was completed and sent to TSSWCB for review. It will be delivered to EPA next quarter.
- b. This subtask is now complete.

100% 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. The Pecos WPP has been printed and is now completed.

100% Complete**III. Related Issues/Current Problems and Favorable or Unusual Developments**

- The Pecos River Basin Assessment Program is now completed.
- Funding has been secured for two separate implementation projects that will be carried out implement portions of the WPP developed under this project.
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IV. Projected Work for Next Quarter

None. The project is now complete.