

**Texas AgriLife Research  
Texas Water Resources Institute**

**Implementing the Pecos River Watershed Protection Plan through Invasive Species Control  
(Saltcedar) and by Providing Technical and Financial Assistance to Reduce Agricultural Nonpoint  
Source Pollution  
FY 08 CWA 319(h)  
TSSWCB Project No. 08-08**

Quarter no.  8  From  7.1.2011  Through  9.30.2011 .

**I. Abstract**

The major work this quarter was the spraying of 2,642 acres of saltcedar across the watershed. Sprayed acres were on the river and its tributaries. Efforts were continued to develop WQMPs and obtain landowner's permission for upcoming saltcedar spraying and debris burning. Saltcedar leaf beetle populations were damaged in the freeze of 2011 but Tunisian beetles have responded well. Approximately 500,000 beetles have been relocated during this quarter relocated from Iraan and the Rio Grande to former beetle populations across the watershed. The Iraan site has shown continued growth enabling the collection of 250,000 beetles for relocation to other sites in the watershed. Additionally, the Watershed Coordinator, Crockett and Upper Pecos SWCD Field Technicians have attended numerous meetings throughout the watershed promoting the WPP and informing attendees of available opportunities.

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

**TASK 1: Project Coordination and Administration**

*Subtask 1.1: TWRI will prepare electronic quarterly progress reports (QPRs) for submission to the TSSWCB. Extension, SWCD Technicians and TFS will collaborate with TWRI to develop QPRs. QPRs shall document all activities performed within a quarter and shall be submitted by the 15<sup>th</sup> of January, April, July and October. QPRs shall be posted on the project website and distributed to all project partners.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos SWCD Technician submitted 8<sup>th</sup> QPR to the Watershed Coordinator on October 6, 2011.
- B. The Crockett SWCD Technician submitted 8<sup>th</sup> QPR to the Watershed Coordinator on October 6, 2011.
- C. AgriLife Extension submitted 8<sup>th</sup> QPR to the Watershed Coordinator on October 14, 2011.
- D. TWRI submitted the Year 2, Quarter 4 report to TSSWCB on October 14, 2011.

**62% Complete**

*Subtask 1.2: TWRI will host coordination meetings, conference calls, or TTVN meetings with the TSSWCB Project Manager and all Project Partners at least quarterly to discuss project activities, project schedule, lines of responsibility, communication needs, and other*

*requirements. TWRI will develop lists of action items needed following each project coordination meeting and distribute to project personnel.*

The following actions have been completed during this reporting period:

- A. A coordination meeting via conference call was conducted on July 15, 2011. All partners were represented at the meeting.

**62% Complete**

*Subtask 1.3: TWRI will perform accounting functions for Tasks 1, 4, 5, 6 and 7 and submit appropriate reimbursement forms to TSSWCB at least quarterly. The SWCD Technicians and Bookkeepers will perform accounting functions for Task 2 and will submit appropriate Reimbursement Forms to TSSWCB at least monthly. TSSWCB will manage project funds for Task 3.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos SWCD Technician submitted reimbursement forms to the bookkeeper (supplies, mileage, motel, per diem, and registration expenses).
- B. The Crockett County submitted reimbursement forms to the bookkeeper.

**50% Complete**

*Subtask 1.4: TWRI will continue to host and maintain an internet website (<http://pecosbasin.tamu.edu/>) for the public dissemination of information pertaining to the implementation of the Pecos River WPP. Project partners will provide appropriate content matter for the website as needed.*

The following actions have been completed during this reporting period:

- A. Website updates were made throughout the quarter as needed.
- B. Website usage this quarter consisted of 250 individual site visits with approximately 66% of these being new visitors to the site.

**85% Complete**

*Subtask 1.5: TWRI, in collaboration with Extension, TFS, and the SWCDs, will develop, complete and submit an aggregate final report to TSSWCB at the culmination of the project. This report will be provided in electronic and hard copy format. The TSSWCB project manager will set the appropriate due dates for this task.*

The following actions have been completed during this reporting period:

- A. No Activity to report at this time.

**0% Complete**

*Subtask 1.6: TWRI will hire (Months 1-3) and oversee (Months 4-36) the Pecos River Watershed Coordinator. This position will be responsible for the general oversight and coordination of all project activities, be responsible for reporting requirements and directing educational activities, and serve as the primary conduit for interaction with landowners and entities to facilitate the*

*implementation of the WPP. The Pecos River Watershed Coordinator shall be stationed in the watershed at Fort Stockton.*

A. Subtask complete.

**100% Complete**

**TASK 2: Promotion, Development and Implementation of WQMPs**

*Subtask 2.1: SWCD 213 and SWCD 235 will each hire one full-time District Technician to promote, develop, and implement WQMPs. SWCD 213 and SWCD 235 will each hire one part-time Bookkeeper to assist with project accounting functions.*

The following actions have been completed during this reporting period:

A. Subtask complete.

**100% Complete**

*Subtask 2.2: To ease the development of the Final Report (Subtask 1.6), the District Technicians will submit quarterly updates to a template Final Report along with QPRs. The TSSWCB Project Manager will provide a template Final Report.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos SWCD Technician submitted 8th QPR to the Watershed Coordinator on October 6, 2011.
- B. The Crockett SWCD Technician submitted 8th QPR to the Watershed Coordinator on October 6, 2011.

**62% Complete**

*Subtask 2.3: The District Technicians will identify landowners in priority areas in the Pecos River watershed to periodically distribute notifications announcing the availability of financial and technical assistance for developing and implementing WQMPs.*

The following actions have been completed during this reporting period:

- A. The Crockett SWCD Technician identified landowners in priority areas in the Pecos River Watershed.
- B. The Upper Pecos SWCD Technician identified landowners in priority areas in the Pecos River Watershed.

**62% Complete**

*Subtask 2.4: The District Technicians will develop and distribute flyers, brochures, letters, news releases and other appropriate promotional publications to encourage participation from landowners. The TSSWCB Project Manager must approve all announcements, letters, and publications prior to distribution.*

The following actions have been completed during this reporting period:

A. No activity to report at this time.

### **40% Complete**

*Subtask 2.5: The District Technicians will work with NRCS and AgriLife Extension to educate landowners and agricultural producers about water quality issues and how WQMPs and BMPs address pollutant loadings from agriculture. The District Technicians will support, promote, and participate in, as appropriate, any field days, demonstrations, site tours, or education events sponsored by NRCS and/or AgriLife Extension for the Pecos River watershed.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos and the Crocket Co. SWCD Technicians participated in the Pecos River Watershed Protection Plan Implementation landowner meetings on August 2 and 3, 2011.
- B. The Crockett Co. SWCD Technician participated in the Eldorado Range Workshop hosted by NRCS, July 14<sup>th</sup>, 2011.

### **50% Complete**

*Subtask 2.6: The District Technicians will work with organizations, such as Texas and Southwestern Cattle Raisers Association (TSCRA), Texas Wildlife Association (TWA), Texas Sheep and Goat Raisers Association (TSGRA) and Texas Farm Bureau (TFB), to educate their members on this opportunity to enhance the value of their operation and achieve water quality goals for the watershed at the same time. Additionally, the District Technicians will work with Irrigation Districts to educate their customers on this project.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos SWCD Technician maintained communication with Red Bluff WPCD and various irrigation districts.

### **50% Complete**

*Subtask 2.7: The District Technicians will meet monthly with SWCDs 213 and 235, and as needed with SWCDs 224, 231, 237, and 241, in order to efficiently and effectively achieve project goals; summarize activities and achievements made throughout the course of this project; and discuss project activities, project schedule, communication needs, deliverables, and other requirements.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos SWCD Technician met with SWCDs 213, 231 and 241 during their monthly board meetings.
- B. The Crockett SWCD Technician met with SWCDs 235, 224, 231 and 237 during their monthly board meetings.

### **50% Complete**

*Subtask 2.8: The District Technicians will cooperate and communicate with landowners and entities in the Pecos River watershed in order to efficiently and effectively achieve project goals and to summarize activities and achievements made throughout the course of this project. Specifically, the District Technicians will, at least, participate in meetings scheduled under the auspices of the WPP. The District Technicians will maintain regular communication with the*

*TWRI Pecos River Watershed Coordinator, TFS personnel, and the selected chemical saltcedar control contractor.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos SWCD Technician:
  - a. Maintained communication with the Pecos River Watershed Coordinator and TFS personnel via meetings, phone, and e-mail.
  - b. Maintained communication with the landowners in the Pecos River Watershed.
- B. The Crockett County SWCD Technician maintained regular communication with the Pecos River Watershed Coordinator and landowners in the Pecos River Watershed.

**62% Complete**

*Subtask 2.9: The District Technicians, with assistance from NRCS and TSSWCB as appropriate, will assist landowners in the development of WQMPs and associated Prescribed Grazing Plans. The District Technicians will develop at least 10 WQMPs above Girvin and 10 WQMPs below Girvin. Noting that the 10-year goal of the Pecos River WPP is to develop at least 120 WQMPs along the riparian corridor and 50 WQMPs in other portions of the watershed, the District Technicians shall strive to develop additional WQMPs beyond the minimum of 20; cost-share availability for additional WQMPs is dependent upon outcomes of Subtask 2.10.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos SWCD technician assisted a landowner in the development of 1 WQMP in Pecos County.
- B. The Crockett SWCD technician received certification of three WQMPs in Crockett Co. and one WQMP in Terrell Co.
- C. The Crockett SWCD technician is working with 2 producers in Crockett Co. and 1 producer in Terrell Co. to complete WQMPs.

**50% Complete**

*Subtask 2.10: The District Technicians, with assistance from NRCS and TSSWCB, will assist landowners in the Pecos River watershed in applying for and obtaining cost-share to aid in implementation of BMPs prescribed in WQMPs. This project provides \$200,000 in CWA §319(h) funding (TSSWCB project 09-02 provides an additional \$100,000 in CWA §319(h) funding) as cost-share through the TSSWCB WQMP Program with allocations of \$100,000 to each SWCD 213 and SWCD 235. Landowners shall be eligible to receive a maximum cost-share amount of \$15,000 from the TSSWCB §319(h) funds. The maximum cost-share rate shall not exceed 60% of the cost of implementation of the BMPs. The remaining 40% will be provided by the landowner. Cost-share will be based on actual cost not to exceed average cost of the practice.*

The following actions have been completed during this reporting period:

- A. A total of Four WQMPs have been certified for \$35,724.49 in cost share assistance to date.

### **30% Complete**

Subtask 2.11: *The District Technicians will prioritize WQMP development and cost-share applications consistent with the priority areas identified in the Pecos River WPP. Specifically, priority shall be given for operations nearest to the Pecos River or major tributaries and those lands where chemical saltcedar control and follow-up debris removal has been conducted.*

The following actions have been completed during this reporting period:

- A. This item is complete.

### **100% Complete**

Subtask 2.12: *The District Technicians will assist landowners with WQMPs in acquiring financial assistance through USDA administered federal Farm Bill Programs, including but not limited to, the Environmental Quality Incentives Program (EQIP) 1) county-level funding based on resource concern priorities established by Local Work Groups and 2) any applicable State Resource Concerns], the Grasslands Reserve Program (GRP), and the Agricultural Water Enhancement Program (AWEP).*

The following actions have been completed during this reporting period:

- A. The Crockett County Technician has assisted landowners with applying for EQIP.
- B. The Crockett County Technician has assisted landowners with applying for GRP.

### **40% Complete**

Subtask 2.13: *The District Technicians will conduct annual status reviews on all WQMPs developed and certified through the course of this project and any existing WQMPs (certified prior to this project) in the Pecos River watershed to ensure that the landowners implement BMPs as specified and agreed to in the WQMP implementation schedule. The District Technicians will document any follow-up technical assistance needed or necessary modifications to the WQMP implementation schedule.*

The following actions have been completed during this reporting period:

- A. No activity to report at this time.

### **0% Complete**

Subtask 2.14: *The District Technicians will track utilization of obligated cost-share funds and, with assistance from TSSWCB and NRCS, will assist landowners in utilizing obligated cost-share funds on schedule.*

The following actions have been completed during this reporting period:

- A. Crockett SWCD Technician is tracking the obligated cost-share funds and assisting landowners in utilizing obligated cost share funds on schedule.

### **10% Complete**

Subtask 2.15: *The District Technicians will create spreadsheets and maps describing and*

*showing the location of all WQMPs developed and BMPs implemented through the project. These maps will not reveal the identity or exact location of any producer.*

The following actions have been completed during this reporting period:

- A. The Crockett County SWCD Technician continues creating maps describing and showing the location of current WQMP applicants.

**30% Complete**

### **TASK 3: Chemical Control of Saltcedar**

*Subtask 3.1: The District Technicians will obtain permission to spray saltcedar, conduct debris removal (Task 5) and re-vegetation efforts. The SWCD 213 District Technician will work in the Pecos River, between Interstate-20 and Girvin, TX; and the SWCD 235 District Technician will work below Girvin down to the confluence with the Rio Grande. The District Technicians will also collect GPS coordinates of areas where chemical treatment will not be applied (e.g., sensitive areas, where permission is not obtained, or in areas where biological control is implemented).*

The following actions have been completed during this reporting period:

- A. The Upper Pecos and Crockett Co. SWCD Technicians have obtained permission to spray saltcedar and are continuing to obtain permission to conduct debris burns along the Pecos River and its tributaries in the event that future spray efforts can be conducted.
- B. The task is now complete; however, technicians will continue to sign people up for future spraying efforts.

**100% Complete**

*Subtask 3.2: The District Technicians will send out notifications to landowners describing goals and asking for landowner cooperation. The letter will be accompanied by approved technical documents that illustrate the benefits of treating saltcedar. Contact information for the District Technician will be included. Verbal contact with the landowners that are not receptive to written communication will be made. The District Technicians will continue to promote participation in chemical treatment of saltcedar throughout the duration of the project.*

The following actions have been completed during this reporting period:

- A. Crockett SWCD and Upper Pecos SWCD Technicians have verbally contacted landowners promoting the participation in chemical treatment of saltcedar.
- B. This task is now complete.

**100% Complete**

*Subtask 3.3: TSSWCB will take bids from qualified aerial herbicide applicators experienced in strategically applying pesticides to sensitive areas using helicopters and GPS coordinates to treat selected saltcedar. The budget allows for chemical treatment at \$220 per acre.*

The following actions have been completed during this reporting period:

- A. TSSWCB has taken bids and awarded a contract for the spraying of saltcedar.

- B. This task is now complete.

**100% Complete**

Subtask 3.4: *TSSWCB will contract with the selected applicator (Subtask 3.3) (chemical saltcedar control contractor) to treat an estimated 1,422 acres of saltcedar in segment 2311 of the Pecos River, between Interstate-20 and Girvin, TX and an estimated 353 acres of saltcedar in segments 2311 and 2310 of the Pecos River, between Girvin, TX and the Val Verde County line with Arsenal<sup>TM</sup> (Imazapyr) herbicide or a comparable generic version. The herbicide will be applied by helicopter in a selective manner using GPS guidance technology, to control saltcedar and having little or no effect on desirable plants and wildlife. General areas to be sprayed were developed from low-level, high-resolution aerial photography that was digitized and converted to GIS shapefiles. Areas will be ground-truthed by the District Technicians prior to initiating spraying. These files will be loaded into the helicopter's GPS system and will dictate where herbicide is applied.*

The following actions have been completed during this reporting period:

- A. The TSSWCB has contracted with an applicator for the spraying of 2,642 acres of saltcedar along the Pecos River and its tributaries.
- B. This is an increase of 867 acres over what was initially planned. Cost savings realized in fuel and chemical allowed lower bids to be received and acreage increased.
- C. This task is now complete.

**100% Complete**

Subtask 3.5: *The District Technicians will be onsite with the TSSWCB contractor during aerial pesticide application to observe and document (Observation Checklist) the following: 1) chemical mixture, 2) chemical application, 3) treatment acreage, and 4) weather conditions.*

The following actions have been completed during this reporting period:

- A. The Upper Pecos SWCD Technician was onsite and documented the spraying of 2,476 acres of saltcedar.
- B. The Crockett Co. SWCD Technician was onsite and documented the spraying of 166 acres of saltcedar.
- C. This task is now complete.

**100% Complete**

**TASK 4: Biological Control of Saltcedar**

Subtask 4.1: *Extension will coordinate site selection with the saltcedar spraying and debris removal efforts (Tasks 3 & 5) so that these areas do not overlap with biological control areas.*

The following actions have been completed during this reporting period:

- A. Extension coordinated with saltcedar spraying as to not overlap with biological control areas. One area of beetle relocation was sprayed as the landowner had given up on the



beetle project and wanted the saltcedar sprayed.

- B. This task is now complete.

**100% Complete**

Subtask 4.2: *Extension will establish at least 10 release sites across the watershed. Beetles will be placed in protective enclosures and the beetle populations will be allowed to go through one regeneration cycle before being released.*

The following actions have been completed during this reporting period:

- A. All beetle sites were visited during this quarter. Only a handful of beetles were found to have survived the harsh winter. These were all at the Iraan site and are mostly Crete beetles.
- B. Approximately 250,000 Tunisian beetles were relocated from the Iraan site to the former sites which had died out due to the cold winter.
- C. Approximately 250,000 Tunisian beetles were relocated from the Rio Grande to the former sites which had died out due to the cold winter.
- D. Beetle establishment and progress was noted during the quarter.

**55% Complete**

Subtask 4.3: *Extension will track and document the location of biological control sites and leaf beetle release dates and the subsequent acres of defoliated saltcedar on each site. Extension will create GIS maps showing the location of release sites and defoliated acres at each site.*

The following actions have been completed during this reporting period:

- A. All new release sites have been documented with GPS location points. The sites will be located on a map for dispersal to all involved parties.

**40% Complete**

**TASK 5: Prescribed burning for saltcedar debris removal**

Subtask 5.1: *TFS will coordinate with the District Technicians to obtain permission for debris burning activities from private landowners (Subtask 3.1).*

The following actions have been completed during this reporting period:

- A. The Crockett SWCD technician has obtained permission from 10 producers to burn debris.
- B. The Upper Pecos SWCD technician obtained permission for debris burning from Culberson, Reeves, Ward and Pecos Counties.

**40% Complete**

Subtask 5.2: *TFS will draft the appropriate prescribed burn plans.*

The following actions have been completed during this reporting period:

A. No activity to report at this time.

**0% Complete**

Subtask 5.3: *TFS will work with the District Technicians to inform landowners of scheduled prescribed burns. Where practical, landowners and local prescribed burning organizations shall be involved in burning activities.*

The following actions have been completed during this reporting period:

A. No activity to report at this time.

**0% Complete**

Subtask 5.4: *TFS will conduct prescribed burning on standing dead saltcedar that has been chemically treated prior to this project along the main channel of the river, between Girvin, TX and the confluence of the Pecos River and Independence Creek, or about 138 river miles. As stated in the WPP, at least 3 years should have transpired between chemical treatments and prescribed burning in order to achieve the most effective kill rate of saltcedar and the most effective degree of debris removal. Controlled burns will only be conducted in areas where landowners have given permission for these activities to be carried out.*

The following actions have been completed during this reporting period:

A. No activity to report at this time.

**0% Complete**

#### **TASK 6: Support and Facilitation of WPP Implementation, Education and Tracking**

Subtask 6.1: *Extension will engage and facilitate Pecos River watershed landowners and other entities identified in the Pecos River WPP and work in cooperation with partner agencies to implement the Pecos River WPP. Extension will facilitate and host meetings of the landowners and partner agencies as needed, likely semi-annually at multiple locations across the watershed.*

The following actions have been completed during this reporting period:

- A. The Watershed Coordinator continually works with partnering agencies to implement the Pecos River WPP.
- B. The Pecos River WPP team conducted landowner meetings across the watershed on August 2 and 3, 2011.

**50% Complete**

Subtask 6.2: *Extension will assist governmental and non-governmental organizations in the Pecos River WPP, in identification and acquisition of resources (financial and technical) to enable WPP implementation. Extension will actively seek and pursue funding opportunities and work with partners to develop grant proposals.*

The following actions have been completed during this reporting period:

A. Pecos River Watershed Coordinator is working with the Pecos Water Quality Coalition to

pursue funding opportunities on the Pecos River.

- B. Pecos River Watershed Coordinator is working to develop the next iteration of WPP Implementation proposal for funding consideration.

**40% Complete**

Subtask 6.3: *Extension will evaluate progress toward achieving milestones established in the WPP. Extension will publish an addendum to the Pecos River WPP that describes modifications/updates to goals and milestones, explains new understandings of sources and cause of water quality issues, documents success in achieving goals and milestones and success in achieving water quality improvement and load reductions at least biennially. As the WPP was published in October 2008, this biennial addendum would most appropriately be published around October 2010, or soon thereafter.*

The following actions have been completed during this reporting period:

- A. No activity to report at this time. This task has been delayed as a result of delays in getting implementation projects up and running.

**0% Complete**

Subtask 6.4: *Extension will facilitate and coordinate education and outreach activities as identified in the Pecos River WPP. Extension will develop and distribute press releases when warranted. Specifically, Extension will collaborate with NRCS and SWCDs to host workshops, field days, demonstrations, site tours, or other education events focused on each of the following topics:*

- *Texas Watershed Steward Program (2 events)*
- *Lone Star Healthy Streams Program (2 events)*
- *Nutrient Management (2 events)*
- *Wildlife Management (3 events)*
- *Crop Management (2 events)*
- *Irrigation Management (3 events)*
- *Feral Hog Management (2 events)*

The following actions have been completed during this reporting period:

- A. No Activity to report this quarter.

**30% Complete**

Subtask 6.5: *Extension will provide information to IBWC for inclusion in the Clean Rivers Program Basin Summary Report and Basin Highlights Report. Extension shall participate in IBWC-sponsored meetings of the Clean Rivers Program Basin Advisory Committee.*

The following actions have been completed during this reporting period:

- A. No activity to report this quarter.

**45% Complete**

Subtask 6.6: *Extension will develop and publish a semi-annual newsletter that is designed to keep landowners and entities informed of ongoing WPP implementation activities and other relevant information. The newsletter shall be distributed as most appropriate to individual landowners and entities in the watershed.*

The following actions have been completed during this reporting period:

- A. No activity to report this quarter.

**20% Complete**

Subtask 6.7: *The Watershed Coordinator will make deliberate efforts to increase awareness of the WPP and secure implementation support thereof from county and municipal governments, and irrigation districts throughout the watershed, as well as, the Red Bluff Water and Power Control District. The Watershed Coordinator will also work with the Pecos River Compact Commission and the New Mexico Environment Department (NMED) to explore mechanisms to influence the implementation of management measures in New Mexico that have positive effect to the Pecos River in Texas.*

The following actions have been completed during this reporting period:

- A. Work has continued in an effort to coordinate the resurrection of a salt mining effort near Malaga Bend, NM. This involves the establishment of an agreement between a private salt harvesting company and Red Bluff WPCD. The salt company has been permitted by New Mexico Environmental Department to pump the brine from the well near Malaga Bend.
- B. The Watershed Coordinator is acting as the scientific reviewer for the Pecos River Compact Commissioner for the Malaga Bend Project.
- C. The Watershed Coordinator has attended numerous public meeting throughout the watershed and updated meeting participants on project activities.
- D. The Watershed Coordinator continues to support monthly meetings in Austin with the Pecos River Water Quality Coalition.
- E. The Watershed Coordinator is working with the Senate Bill 3 Basin, Bay, and Estuary Scientific Team to develop environmental flows for the Pecos River.

**60% Complete**

### **TASK 7: Compilation of Surface Water Quality Monitoring Data**

Subtask 7.1: *Extension will maintain and update Red Bluff release and delivery databases. USGS gaging station discharge data and TCEQ Clean Rivers Program water quality and streamflow data from established monitoring sites will be updated and maintained in existing databases by Extension. This task will build upon the existing water quality database developed under TSSWCB project 04-11.*

The following actions have been completed during this reporting period:

- A. A student technician at TWRI has been compiling water quality data from SWQMIS for analysis purposes and will be feeding this information into the database.

- B. Red Bluff release data has been received dating back to 1970 and has been made available online.
- C. Red Bluff turnout data has been procured and is being utilized in the Dissolved Oxygen Modeling efforts.

**40% Complete**

*Subtask 7.2: Extension will collaborate with IBWC to assess water quality data collected through the Clean Rivers Program and other projects in relation to achieving load reductions described in the WPP.*

The following actions have been completed during this reporting period:

- A. No activity to report at this time.

**0% Complete**

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

- Exceptional drought throughout the watershed and Texas continues to prevent prescribed burning. Long-range forecasts do not look favorable for improved burning conditions either.
- A presentation of saltcedar leaf beetle application and effectiveness was made by project personnel at the 13<sup>th</sup> Annual International Symposium on Biological Control of Weeds.

**IV. Projected Work for Next Quarter**

- The Upper Pecos SWCD Technician will participate in the Trans Pecos SWCE/BRCS Field Day on Nov. 4, 2011.
- The SWCD Technicians will continue work on current WQMPs
- The SWCD Technicians will work to secure additional WQMPs
- The SWCD Technicians will send shape files to TFS for burning of dead debris
- The SWCD Technicians will attend the Texas Society of Range Management and operate a booth to promote the Pecos River WPP.
- The SWCD Technicians will encourage producers to complete cost share practices in a timely manner.
- Extension will conduct beetle surveys to identify areas of defoliation from beetle activity this summer.
- Extension will update all current activities to deliver a complete list of accomplishments and planned activities for the remainder of the project.
- TWRI will continue to update the Pecos Basin Website to keep the public aware of activities in the watershed.

