

**Carlsbad Soil and Water Conservation District  
Black River Biomass/Erosion Control Demonstration  
Agreement No. 69-8C30-7-0012**

**Quarterly Report for January 1, 2008 through March 31, 2008**

Project objectives

Demonstrate an inexpensive and environmentally friendly approach to reduce water erosion from road turnout drainages by utilizing biomass thus enhancing the rangeland and wildlife habitat.

Project methods with deliverables

Two road turnouts were selected in the proposed area. One is a shallow rill channel and the other a gully channel.

Deliverable 1: Purchase monitoring and erosion control supplies – Completed

Deliverable 2: Install sediment traps and mulch bags

- Due to extremely dry weather conditions and high winds, the compost bags/sediment traps were not installed on site by March 31, 2008.
- Once the compost bags/sediment traps are installed, the Carlsbad SWCD staff and Mark Walthall will work with the land owner to establish a monitoring protocol.
- Upon completion of the site survey (November 14, 2007), it was determined that the layouts of the mulch bag diversions would also act as sediment traps.
- The V-mesh wire and T – posts have been purchased and delivered to the District. County of Eddy Detention Center trustees in conjunction with District staff have filled 250 burlap bags with compost and grass seed January 9 – 11, 2008. At this time the installation of the bags is scheduled for April 9 and 10, 2008.



Deliverable 3: Transfer of technology/outreach via field demonstrations

A site inspection of the project area on March 28, 2008 showed no changes in the site. Various entities have expressed interest in duplicating this technology and utilizing it on existing erosion control projects.

Deliverable 4: Final project report upon completion of all grant agreement deliverables

Action for quarterly reports completed quarterly.