

CLOVIS ZOO TIRE BALE PROJECT

Location and Directions: The project is located inside the Hillcrest Zoo located at 1201 Sycamore, Clovis, NM 88101. The project is on both sides of a lake in the middle of the park.

Approximate Date of Construction: 2002

Number of bales / tires used: 16 bales used for both the down gradient and up-gradient projects.

Design information Project was designed in November 2001 by Harry Wang, PE, City of Clovis Director of Public Works. It was constructed in 2002. When first built, the tires were not covered. They were set in place with the edges set tightly against the sides of the banks of the arroyo.

Cost Unknown

Other Information: The down-gradient section was constructed in order to stop the scouring of soil that occurred during heavy storm events when water drops off the concrete spillway. The project was first visited and photographed in 2003. At that time, the down gradient portion was in good condition. The up-gradient structure was not. The tire bales were constantly filled with water, causing the bales to separate. Baling wires were exposed and loose tires were floating in the water. If not repaired, the tires and wire would migrate into the lake. The site was visited again in 2011, and the down-gradient section was still in good condition. The upstream section had been covered with gabion wire and was holding the bales and wire in place.

Down Gradient



02/04/2003

Up Gradient



02/04/2003

Down Gradient

07/20/2011



Up Gradient



07/20/2011



To see all the details that are visible on the screen, use the "Print" link next to the map.

