

Watershed Operations

October 2009

Keechi Tributary of Sugar Creek Watershed, Oklahoma

Introduction

The Sugar Creek Watershed is located in Caddo County, Oklahoma. This repair project will create or save jobs during the construction period. This project will protect four flood control dams that have a replacement value of \$4 million.

Project Description

- **Location:** Caddo County, 3rd Congressional District
- **Federal Funding:** \$355,000

This project will repair an instream grade stabilization structure designed to stop a gully that threatens four existing flood control dams. Rock riprap will be added to protect the structure from future damage and failure caused by large storms.

Partners

- USDA, Natural Resources Conservation Service
- South Caddo County Conservation District
- Oklahoma Conservation Commission

Benefits

This repair will protect four upstream flood control dams that also enhance water quality by reducing sediment load and protecting fertile floodplain soils from erosion. This project will ensure that \$288,000 in average annual flood damage reduction benefits will continue into the future.



The Sugar Creek Watershed is located in Caddo County, Oklahoma.

Funded through the American Recovery and Reinvestment Act (ARRA) of 2009, this project is part of the Obama Administration's plans to modernize the nation's infrastructure, jump-start the economy, and create jobs. NRCS is using Recovery Act dollars to update aging flood control structures, protect and maintain water supplies, improve water quality, reduce soil erosion, enhance fish and wildlife habitat, and restore wetlands. NRCS acquires easements and restores floodplains to safeguard lives and property in areas along streams and rivers that have experienced flooding.



With the addition of riprap, the possibility of further damage is reduced.

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Economic Opportunities

The construction of the project will provide jobs for heavy equipment operators, job foremen, and other construction personnel and subcontractors. Local businesses and suppliers will also benefit.

Statewide Perspective

The Keechi Tributary Project of the Sugar Creek Watershed is 1 of 6 stabilization structures in the Sugar Creek Watershed, which protect many of the 51 dams in the 149,000-acre watershed. It is also part of a vital network of 2,105 dams in 121 NRCS-assisted watershed projects in Oklahoma. These dams make up a \$2 billion infrastructure and provide \$75 million in annual flood-protection benefits.

For More Information

USDA, NRCS
100 USDA, Ste.206
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www.ok.nrcs.usda.gov



In-stream gully threatens four existing flood control dams located upstream.

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