United States Department of Agriculture
Natural Resources Conservation Service

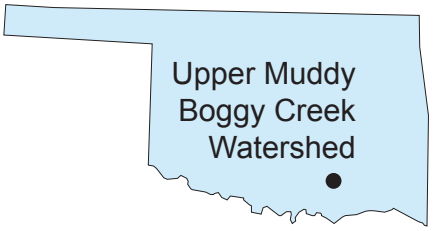
Watershed Operations

October 2009

Upper Muddy Boggy Creek Watershed, Dam No. 18, Oklahoma

Introduction

The Upper Muddy Boggy Creek Watershed is located in Coal, Hughes, Pittsburg, and Pontotoc Counties. This watershed repair project will create or save jobs during the construction period. This project will repair several areas of erosion on the front and back slopes of the dam.



Upper Muddy Boggy Creek Watershed Dam No. 18 is located in Coal County, Oklahoma.

Project Description

- **Location:** Coal County, 2nd Congressional District
- **Federal Funding:** $45,000

Unstable soil has caused erosion creating large gullies in the slopes on the front and back sides of this dam. Left untreated, these gullies could cause the dam to fail. Clay in these slopes will be reinforced with gypsum in order to eliminate erosion.

Partners

- USDA, Natural Resources Conservation Service
- Coal County Conservation District
- Oklahoma Conservation Commission

Benefits

This project will avoid more costly repairs in the future and prevent a dam failure. A dam failure would have catastropic impact on water quality and downstream infrastructure. This project will ensure that $9,717 in average annual flood damage reduction benefits will continue into the future.

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.

Unstable soil has caused erosion on both the front and back slopes of the dam.

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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

Upper Muddy Boggy Dam No. 18, 1 of 24 dams in the 207,674-acre watershed, is 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

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Repairing the dam will help prevent dam failure.

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