

## Watershed Operations

October 2009

## Lower Clear Boggy Creek Watershed, Dam No. 38, Oklahoma

### Introduction

The Lower Clear Boggy Creek Watershed is located in Atoka, Bryan, Coal, and Johnston Counties. This watershed repair project will create or save jobs during the construction period. This project will make essential repairs to the damaged back slope of this dam.



Lower Clear Boggy Creek Watershed  
Dam No. 38 is located in Bryan County,  
Oklahoma.

### Project Description

- **Location:** Bryan County, 2nd Congressional District
- **Federal Funding:** \$50,000

This project will repair and stabilize the back slope failure of the dam by treating the displaced soil with gypsum and rock riprap.

### Partners

- USDA, Natural Resources Conservation Service
- Bryan 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 catastrophic impact on water quality and downstream infrastructure. This project will ensure that \$10,682 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.



Erosion, caused by shrink-swell tendencies of the soil, is evident below the inspectors standing on the back slope of this dam.

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### **Economic Opportunities**

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**

Lower Clear Boggy Dam No. 38, 1 of 23 dams in the 240,301-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**

USDA, NRCS  
100 USDA, Ste. 206  
Stillwater, Oklahoma 74074  
405-742-1204  
[www.ok.nrcs.usda.gov](http://www.ok.nrcs.usda.gov)



To avoid a dam failure, this project will treat the displaced soil with gypsum, reconstructing the back slope, and vegetating the disturbed area.

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