USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

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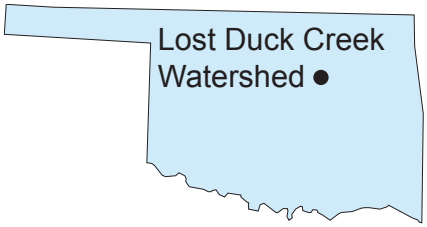
Watershed Operations

October 2009

Lost Duck Creek Watershed, Main Channel, Oklahoma

Introduction

Lost Duck Creek Watershed covers an area of 55,040 acres immediately east of Blackwell in Kay County, Oklahoma. This repair project will create or save jobs during the construction period. It will protect the channel that provides the outlet for nine flood control dams.



Lost Duck Creek Watershed is located in Kay County, Oklahoma.

Project Description

- **Location:** Kay County, 3rd Congressional District
- **Federal Funding:** $45,000

This project will repair two gullies along the channel using a structure consisting of rock-filled wire baskets.

Partners

- USDA, Natural Resources Conservation Service
- Kay County Conservation District
- Duck Creek Conservancy District
- Oklahoma Conservation Commission

Benefits

This project will prevent the severe erosion and sedimentation into the channel. The channel carries floodwater from nine upstream flood control dams and prevents bank overflows that would otherwise damage valuable floodplain farmland. This project ensures that $751,076 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.

Repairs will prevent this gully from enlarging and depositing sediment into the channel.

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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

Lost Duck Creek Watershed Main Channel, which provides adequate channel capacity to carry the release rates of 9 upstream dams in the 55,040-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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The channel provides the outlet for 9 flood control dams.

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