

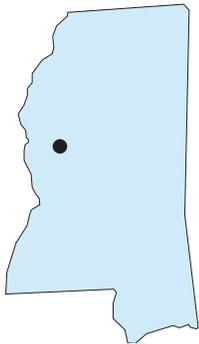
Watershed Operations

August 2009

Piney Creek Watershed, Mississippi

Introduction

This watershed project will install rock riprap in one segment of a stream that is severely eroding, construct stream stabilization measures to pipe storm runoff into the natural drainage and will improve water quality in Yazoo River. The project will improve water quality and reduce downstream sediment.



Piney Creek Watershed

Piney Creek Watershed is located in Yazoo County, Mississippi.

Project Description

- **Location:** Yazoo County, 2nd Congressional
- **Federal Funding:** \$875,000

This project will place rock riprap on the side slopes and bottom of the creek. It will reduce streambank erosion and improve water quality by reducing sediment.

Partners

- USDA, Natural Resources Conservation Service
- Piney Creek Drainage District

Benefits

This project will greatly improve public health and safety by substantially reducing the potential for flood damages, reducing the threat of loss of life and injury, reducing disruption to community services such as road crossings and utilities after a flood. The project will also reduce loss of agricultural lands and downstream sediment accumulations due to erosion.

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.



Rock riprap will be used to stabilize the streambank and improve water quality in Piney Creek.

Piney Creek Watershed, Mississippi

Economic Opportunities

This project will provide an estimated annual flood damage reduction benefit of \$560,000 and net economic benefit of \$56,000. The total population of the project area is approximately 100 with the outlying areas of Yazoo City located downstream.

Statewide Perspective

The completion of these structural measures will protect agricultural lands and urban built-up lands, reduce erosion of the channel bed and banks and reduce sediment in the channel system. It will improve stream health and substantially reduce the threat of flood damage, thereby increasing public safety.

For More Information

USDA, NRCS
Ste. 1321, Federal Building
100 West Capitol Street
Jackson, Mississippi 39269
Phone: 601-965-5205
www.ms.nrcs.usda.gov



Corrugated metal pipes will be used to control erosion and provide channel stability.

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