

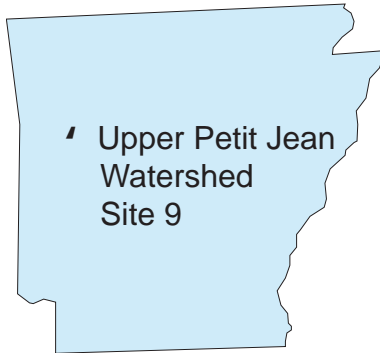
Watershed Operations

May 2009

Reinvesting in Site 9, Upper Petit Jean Watershed, Arkansas

Introduction

The remedial work on Upper Petit Jean Site 9 will create or save construction jobs and protect lives and property, agricultural land, and public works from dam failure. It provides water for 4,500 people in the City of Booneville and Logan County.



Site 9 of the Upper Petit Jean Watershed is located on Washburn Creek, 8-miles west of Booneville in Logan County, Arkansas.

Project Description

- ‡ **Location:** City of Booneville in Logan County, 3rd and 4th Congressional Districts
- ‡ **SWIS #** 8606 V Y \$134,000

The project uses a chemical grout to seal and bond stress cracks between the principal spillway inlet structure and outlet pipe. The cracks pose no immediate threats, but over time, they would allow corrosion of the steel in the reinforced concrete. This project will ensure a reliable water supply for the community.

Partners

- ‡ USDA, Natural Resources Conservation Service
- ‡ Magazine Soil and Water Conservation District
- ‡ City of Booneville, Arkansas

Benefits

This project will provide a water supply for 4,500 people in the City of Booneville and vicinity. The 310-acre reservoir provides flood control, and once completed, benefits for the citizens include public health and safety improvements. This project will create or save jobs in an area with 8.7 percent unemployment.

Funded through the American Recovery and Reinvestment Act (ARRA) of 2009, this project is part of the Obama Administrations plans to modernize the nations 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.



An aerial view of Site 9 of the Upper Petit Jean Watershed dam west of Booneville, Arkansas.

