

Watershed Rehabilitation

April 2009

Rehabilitation of New Creek Site 14 Dam, West Virginia

Introduction

This dam rehabilitation project will create or save jobs, protect lives, property, and public works from dam failure, and provide the City of Keyser with a reliable supply of water. It will bring the dam into compliance with current design criteria and performance standards.



The New Creek Site 14 dam rehabilitation is located in Grant County, West Virginia.

Project Description

- **Location:** Grant County, 1st Congressional District
- **Federal Funding:** \$4,050,000
- **Sponsor Funding:** \$1,050,000

This project will raise the top of the dam to prevent water from flowing over it; install a water intake riser, impact basin, and drainage system; line the principal spillway pipe; and mitigate the temporary elimination of the lake's fishery.

Partners

- USDA, Natural Resources Conservation Service
- Potomac Valley Conservation District
- City of Keyser
- West Virginia State Conservation Committee

Benefits

Rehabilitation of this dam will assure continued protection of houses, businesses, utilities, and roads and other infrastructure, as well as provide wildlife and fish habitat. It also will extend the dam's lifespan by another 50 years, maintain the current 100-year floodplain, and address resource concerns identified by the public.

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.



New Creek Site 14 provides water for the City of Keyser and recreation opportunities.

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The existing principal spillway discharge will be updated with a reinforced concrete impact basin.

Economic Opportunities

In addition to the jobs created or saved through the project, it will benefit nearly 12,000 people and protect real estate values around the lake and downstream from the dam.

Statewide Perspective

The watershed is situated in the headwater region of the Potomac River Basin. The dam traps 1.6 acre feet of sediment annually, thereby improving downstream water quality.

For More Information

USDA, NRCS
75 High Street, Room 301
Morgantown, WV 26505
(304) 284-7540
www.wv.nrcs.usda.gov

New Creek 14, Dam Rehabilitation
Project web site:
www.wv.nrcs.usda.gov/programs/watershed/newcreek14/newcreek14ov.html



This is the current view of the top of the dam. The dam height will be raised with a concrete parapet wall.

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