

New Creek Watershed Dam No. 14 Rehabilitation Project Grant County, West Virginia

Fact Sheet
January 2014

History of the Dam:

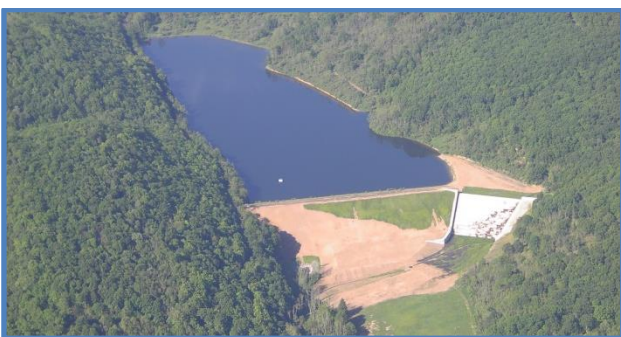
The New Creek Watershed Dam No. 14, known locally as the New Creek Lake, is located about nine miles south of New Creek and 14 miles upstream from the City of Keyser.

The dam was constructed in 1963 as a multi-purpose dam providing flood control, a water supply for the City of Keyser and recreational areas.

The dam was constructed by local watershed project sponsors with the assistance of the USDA Natural Resources Conservation Service (NRCS) Watershed Protection and Flood Prevention Program. It is one of eight constructed dams in the New Creek Watershed Project. Three dams in the project plan have not been constructed.



Rehabilitation construction began in 2011.



Rehabilitation construction was completed in 2012.

Why Rehabilitate the Dam?

The dam was constructed as a high hazard dam, but since that time dam design criteria has changed and the dam no longer met current NRCS dam design criteria.

Rehabilitation Details:

Rehabilitation of the dam included replacement of the reinforced concrete riser intake structure, realignment and reinforcement of the auxiliary spillway utilizing roller compacted concrete, installation of a downstream toe and chimney drainage system, and flattening of the upstream and downstream slopes. Rehabilitation of the dam was completed in 2012.

Project Cost:

The NRCS provided technical assistance and 65 percent of the construction cost using funds from the American Recovery and Reinvestment Act of 2009. Project sponsors provided easements and land rights for the project and 35 percent of the cost. Rehabilitation of the dam cost just under \$10 million.

Benefits:

Rehabilitation ensures a continued dependable source of municipal water and provides continued protection for downstream houses, businesses and other infrastructure in the floodplain. WV State Route 93 and US Routes 50 and 220 also receive protection from flooding because of this dam.

The rehabilitation project provides direct benefits to the immediate area and also provides resource conservation, economic benefits and public safety benefits that extend well beyond that area. Rehabilitation extended the dam's life and its benefits for another 50 years.

Partners:

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

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