NEW CREEK - SITE 1
WATERSHED REHABILITATION PROJECT

Introduction

New Creek Site 1 is a flood control dam in Mineral County, WV. It is one of nine flood control dams constructed on tributaries within the New Creek-Whites Run Watershed(s). The site is located just upstream of the City of Keyser.

Watershed Project Information

New Creek Site 1:
Project authorized in 1956 and construction was completed in 1957 for the purpose of flood protection.

Rehabilitation Needs:

- Flattening the downstream embankment slope,
- Installing internal filter and drain system,
- Replacing portions of the principal spillway, and
- Installing a structural auxiliary spillway.

Estimated Costs:
Total Project: $10,400,000
Local Sponsor Share: $3,200,000

Funding: Federal cost-share equal to 65% of the total eligible project cost, but must not exceed 100% of the actual construction cost of the project. Local Project Sponsors are responsible for the non-Federal share of the cost of the rehabilitation project.
USDA NRCS is the lead federal agency on the project.

Sponsors

- Potomac Valley Conservation District
- City of Keyser
- West Virginia Conservation Agency

Resource Concerns

Rehabilitation is needed to bring the dam into compliance with current State and Federal dam design safety and engineering criteria and performance standards.

Benefits

- Reduction in the potential for loss of life by reducing the possibility of dam failure,
- Reduction in the sponsors liability associated with the operation of a structure not meeting current dam safety criteria,
- Preservation of the 500-year level of protection for residences, businesses, community and civic facilities, and infrastructure downstream,
- Protection of real estate values downstream,
- New service life of 100 years, and
- Net beneficial effects: $208,800 annually.

Timeline

Assessment Phase: Completed in 2011

Planning Phase: 2023 (estimated)

Design Phase: 2023-2025 (estimated)

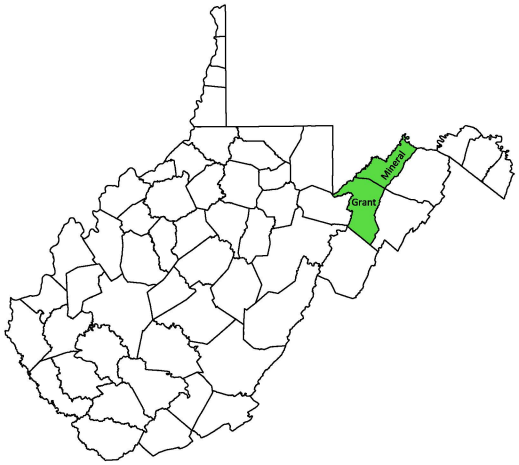
Construction Phase: 2025-2028 (estimated)

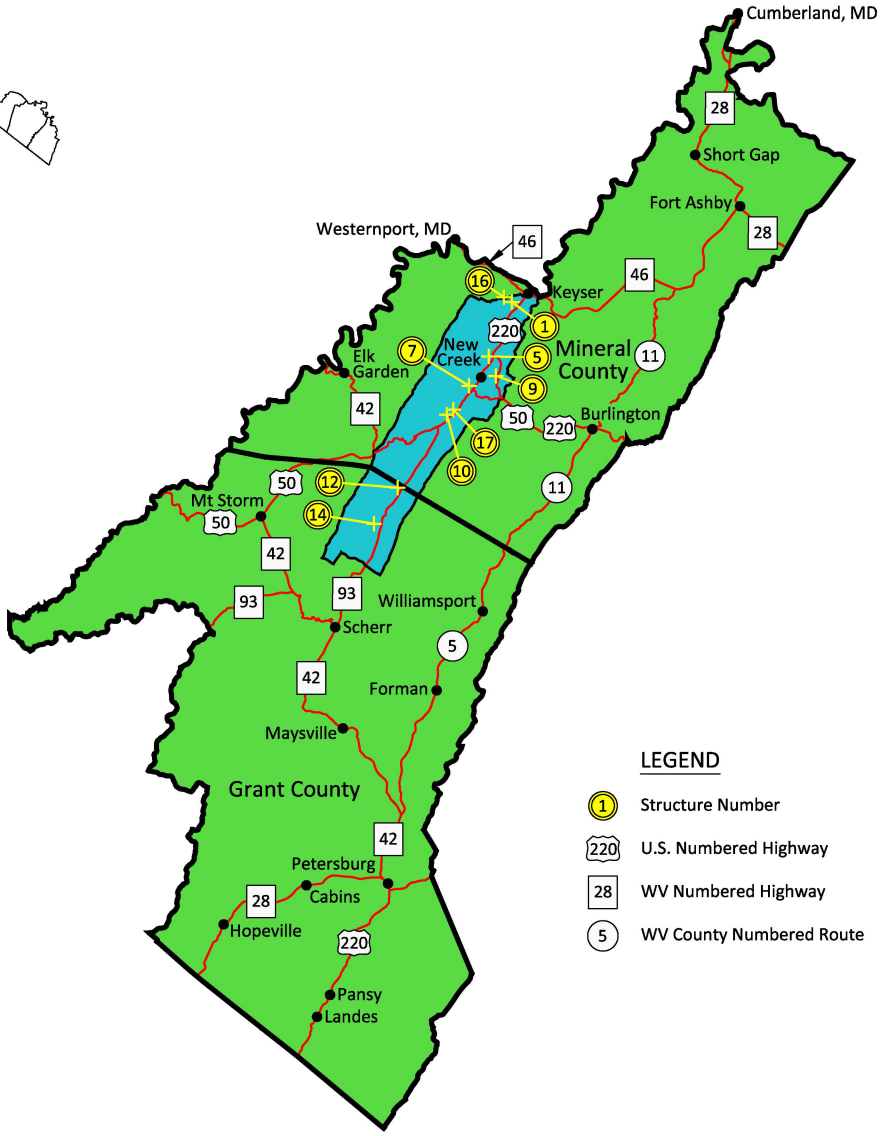
USDA is an equal opportunity provider, employer, and lender.

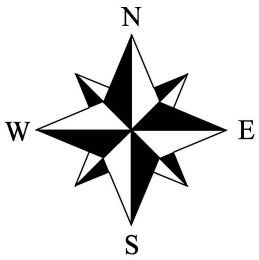
USDA
United States Department of Agriculture
Natural Resources Conservation Service

JUNE 2010

NEW CREEK WATERSHED
MINERAL AND GRANT COUNTY, WEST VIRGINIA







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Scale in Miles

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