

BIG DITCH RUN - SITE 1 WATERSHED REHABILITATION PROJECT

Introduction

Big Ditch Run Site 1 is a flood control and recreation dam in Webster County, WV. It is the only dam constructed on tributaries within the Big Ditch Run Watershed. The site is located just upstream of Welch Glade.



Sponsors

- Elk Conservation District
- Town of Cowen
- WV DNR
- Webster County Commission

Resource Concerns

The hazard classification based on downstream population and risks has changed since original design and construction. Rehabilitation is needed to bring the dam into compliance with current State and Federal dam design safety and engineering criteria and performance standards.

Watershed Project Information

Big Ditch Run Site 1:

Project authorized in 1963 and construction was completed in 1968 for the purposes of flood protection and recreation.

Anticipated Rehabilitation Needs:

- Raising and flattening embankment slope(s),
- Replacing internal filter and drain system,
- Improving the principal spillway system, and
- Improving the capacity and stability of auxiliary spillway.

Estimated Costs:

Total Project: \$5,000,000

Local Sponsor Share: \$1,600,000

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.

Benefits

The project is in the beginning stages of the watershed rehabilitation planning phase. Traditional dam rehabilitation benefits could include:

- 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 flood protection for residences, businesses, community and civic facilities, and infrastructure downstream,
- Preservation of recreation facilities for the community,
- Protection of real estate values downstream, and
- New service life of 50-100 years.

Timeline

Assessment Phase: Completed in 2011

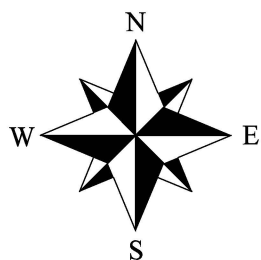
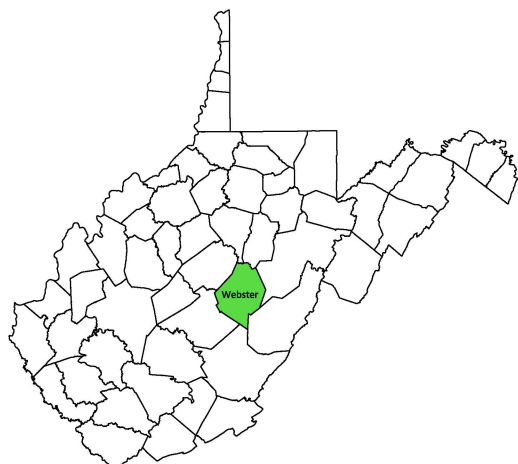
Planning Phase: 2022-2024 (estimated)

Design Phase: 2024-2026 (estimated)

Construction Phase: 2026-2028 (estimated)

BIG DITCH RUN WATERSHED

WEBSTER COUNTY, WEST VIRGINIA



LEGEND

-  Structure Number
-  WV Numbered Highway
-  WV County Numbered Route

