WHEELING CREEK - SITE 25
WATERSHED REHABILITATION PROJECT

Introduction

Wheeling Creek Site 25 is a flood control dam in Marshall County, WV. It is one of seven dams constructed on tributaries within the Wheeling Creek Watershed. Five dams are located in WV and two dams are located in PA. The site is located nine miles upstream of Wheeling.

Watershed Project Information

Wheeling Creek Site 25:
Project authorized in 1966 and construction was completed in 1977 for the purpose of flood protection.

Anticipated Rehabilitation Needs:

- Flattening the downstream embankment slope,
- Replacing internal filter and drain system,
- Improving the principal spillway system, and
- Improving the capacity and stability of the auxiliary spillway.

Estimated Costs:
Total Project: $21,000,000
Local Sponsor Share: $6,500,000

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

- Wheeling Creek Watershed Commission
- Northern Panhandle Conservation District
- West Virginia Conservation Agency

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.

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

Timeline

Assessment Phase: Completed in 2010

Planning Phase: Completed in 2018

Design Phase: 2018-2023 (estimated)

Construction Phase: 2024-2026 (estimated)

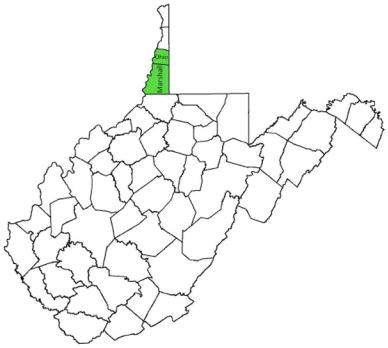
USDA is an equal opportunity provider, employer, and lender.

USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

AUGUST 2010

WHEELING CREEK WATERSHED

MARSHALL AND OHIO COUNTY, WEST VIRGINIA



LEGEND

- (7) Structure Number
- (70) Interstate Route
- (40) U.S. Numbered Highway
- (88) WV Numbered Highway
- (37) WV County Numbered Route
- (1) 12-Digit HUA

Ohio River
Clearview
West Liberty
Potomac
Clinton
Ohio County
Mt. Echo
Valley Grove
Wheeling
Roneys Point
Triadelphia
Bethlehem
Twilight
Dallas
Benwood
McMechen
Sherrard
Sand Hill
Golden
Majorsville
Glen Dale
New Vrindaban
Viola
Calis
Limestone
Moundsville
Pleasant Valley
Lone Oak
Beelers Station
Rocklick
Marshall County
Cresap
Captina
Woodlands
Franklin
Loudenville
Clouston
Cameron
Kent
Natrium
Lynn Camp
Bellton
Denver Heights
Saint Joseph
(1)
(2)
(3)
(4)

3 0 3 6
Scale in Miles

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