## **NORTH SOUTH MILL CREEK - SITE 3** WATERSHED REHABILITATION PROJECT

### Introduction

United States

Department of ariculture

North South Mill Creek Site 3 is a flood control dam in Grant County, WV. It is one of four dams constructed on tributaries within the North and South Mill Creek Watershed(s). The site is located six miles upstream of the City of Petersburg.



# Watershed Project Information

#### North South Mill Creek Site 3:

Project authorized in 1975 and construction was completed in 1982 for the purpose of flood protection.

#### **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: \$10,300,000 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.

- Potomac Valley Conservation District
- Grant County Commission
- 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**

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,
- Protection of real estate values downstream, and
- New service life of 50-100 years.

## Timeline

Assessment Phase: Completed in 2011 Planning Phase: 2023-2024 (estimated) Design Phase: 2025-2026 (estimated) Construction Phase: 2026-2028 (estimated)



