

Wheeling Creek Watershed Dam No. 25 Rehabilitation Project Marshall County, West Virginia

Fact Sheet
December 2021

History of the Dam:

Wheeling Creek Dam No. 25 is one of seven flood control dams in the Wheeling Creek Watershed Project and was constructed in 1977. Five of the dams were constructed in West Virginia and two of the dams were constructed in Pennsylvania.

The dams were constructed for flood control by local watershed project sponsors with the assistance of the USDA Natural Resources Conservation Service (NRCS) Watershed Program.

The dam is located in the southwest portion of the watershed along Wolf Run, just upstream of the confluence with Wheeling Creek.



Dam before rehabilitation

Why Rehabilitate the Dam?

There has been significant development downstream of the dam since construction in 1977. The dam was originally designed as a significant hazard potential dam; but, has been reclassified as a high hazard potential dam that failed to comply with current performance and safety standards. Local project sponsors chose to rehabilitate the dam to address the identified safety deficiencies.

Rehabilitation Details:

Rehabilitation includes widening the auxiliary spillway; armoring the auxiliary spillway outlet and replacing the principal spillway riser.

Project Cost:

The project is estimated to cost \$20 million with NRCS providing 65 percent of the funding and local sponsors providing 35 percent of the funds. Federal funds will be provided through the USDA Small Watershed Rehabilitation Program.

Benefits:

The rehabilitation project will ensure the continued and improved flood control protection, improved water quality through sediment and erosion control, and improved wildlife habitat

The rehabilitation project provides direct benefits to 34,242 people, 92 farms, 1,029 homes, 209 businesses, and 16 public facilities. Rehabilitation will extend the dam's life and its benefits for another 50 years.

Project Partners:

Wheeling Creek Watershed Protection and Flood Prevention Commission
Northern Panhandle Conservation District
West Virginia State Conservation Committee
USDA Natural Resources Conservation Service

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