



ALVIN R. BUSH DAM, PA

U.S. ARMY CORPS OF ENGINEERS
FACT SHEET as of February 2015

BUILDING STRONG®

AUTHORIZATION: The project is a unit of the comprehensive flood control plan for the protection of communities in the West Branch Susquehanna River basin and was authorized by the Flood Control Act approved September 3, 1954. It is described in House Document No. 29, 84 Congress, first session.

TYPE OF PROJECT: Flood Risk Management, Recreation and Environmental Stewardship.

CONTRIBUTION TO CHESAPEAKE BAY: Contributes to Executive Order 13508 goals to protect habitat and water quality, and expand public access within the Chesapeake Bay watershed.

PROJECT PHASE: Operation and Maintenance

CONGRESSIONAL INTEREST: Senators **Casey, Jr, and Toomey (PA)** and Representative **Thompson (PA-05)**.

NON-FEDERAL SPONSOR: None

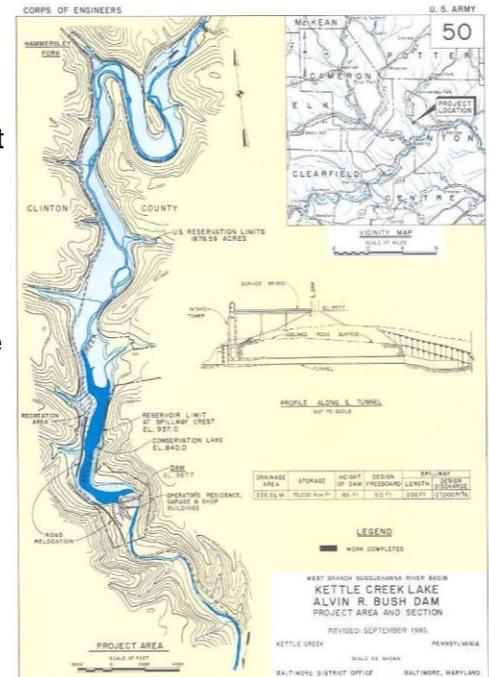
BACKGROUND:

Alvin R. Bush Dam is located on Kettle Creek approximately 8.4 miles above the mouth and about 15 miles above Renovo, Pennsylvania, in Clinton County.

The earth and rockfill dam has a maximum height of 165 feet above the streambed and a top length of 1,350 feet. The outlet works include a horseshoe-shaped tunnel, 13 feet in diameter, with three service gates. The spillway is uncontrolled and located in rock adjacent to the right abutment. The reservoir has a storage capacity of 75,000 acre-feet at spillway crest, equal to 6.22 inches of runoff from the drainage area above the dam, and the pool at this elevation extends upstream for a distance approximately 8.8 miles. The permanent pool covers 160 acres and extends for 2.2 miles. The project controls a drainage area of 226 square miles or about 92 percent of the Kettle Creek watershed. The project reduces flood heights along Kettle Creek below the dam and along the West Branch Susquehanna River below the mouth of Kettle Creek. The Federal cost of Alvin R. Bush Dam was \$7,103,000.

The Commonwealth of Pennsylvania furnished assurances that it would coordinate operation of its George B. Stevenson Dam with the operation of Curwensville Dam, Alvin R. Bush Dam, and Foster Joseph Sayers Dam to secure optimum flood control benefits through operation as a system.

Under a Corps real estate agreement, the recreational facilities are operated and maintained by the Commonwealth of Pennsylvania Department of Conservation and Natural Resources as Kettle Creek State Park. Recreation facilities include a beach, boat launch, picnic areas and campground.



U.S. ARMY CORPS OF ENGINEERS – BALTIMORE DISTRICT

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<http://www.nab.usace.army.mil>

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STATUS: Project is operational. Flood damages prevented through fiscal 2014 are estimated at \$272,353,000. Recreation attendance in fiscal 2012 was 208,053 visitor hours.

BUDGET:

Federal Funds Data

Allocation for FY 2014	692,000
President Budget FY 2015	607,000
Allocation for FY 2015	TBD

SCHEDULE:

FY 2014 Completed Work: Funding was used to perform normal operation and maintenance of the project.

FY 2015 Scheduled Work: Normal operation and maintenance of the project will continue.

For more information regarding Alvin R. Bush Dam, PA contact Joseph C. Ignatius, CENAB-OP-F, (410) 962-6043, or e-mail joe.ignatius@usace.army.mil. Also see this project's related web page at <http://www.nab.usace.army.mil/recreation/bush.htm>.

