



U.S. ARMY CORPS OF ENGINEERS

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President's Budget: \$133 Million for regional Corps projects

PITTSBURGH –The U.S. Army Corps of Engineers, Pittsburgh District, reports that the President's Fiscal Year 2013 Budget includes \$133 million in new federal funding for the district's civil works program.

This is part of the \$4.731 billion in discretionary funding for the Army Corps civil works program worldwide. The proposed funding will help improve the reliability of the region's inland waterways navigation system, enhance the environment, and reduce the risk of flooding in the Upper Ohio River Valley.

"Corps missions bring real value to the citizens of the Upper Ohio River Basin. Last year, the district's 16 flood damage reduction reservoirs prevented an estimated \$745 million dollars in flood damages," said Col. William Graham, Pittsburgh district engineer. "Nowhere was that more evident than in the Beaver River Basin near Youngstown, Ohio, where our four reservoirs held back flood waters and prevented an estimated \$3.5 million in property damage in one day."

Additionally, Pittsburgh District reservoirs joined the Corps' regional system of dams and levees to reduce historic flood levels at the lower Ohio River last year.

The FY13 budget includes nearly \$27 million for operation and maintenance of these reservoirs. The reservoirs also provide additional flows that improve downstream water quality and ensure adequate depths for commercial river navigation. Six million people visit the district's lakes each year for recreation.

The budget consists of \$38.6 million in operations and maintenance funds to provide reliable navigation on the Allegheny, Monongahela and Ohio rivers. This budget includes \$21 million for the Ohio River navigation system; \$13.3 million for the Monongahela River; and \$4.3 million for the Allegheny River. The use of the area's three rivers to transport bulk commodities significantly reduces pollution and the wear and tear on roadways. In 2010, nearly 150,000 loaded barges passed through the district's 23 navigation facilities which helped keep about 8 million additional tractor trailers off the region's roads.

“These investments in our inland navigation infrastructure not only ensure reliable, low-cost river commerce, they help improve our quality of life,” said Graham.

The budget includes \$1 million to fund the Upper Ohio River Navigation Study, which is considering long-term solutions for maintaining safe, reliable, efficient and environmentally sustainable navigation on the Upper Ohio River at Emsworth, Dashields and Montgomery locks and dams. These three facilities are the smallest locks remaining on the Ohio River and all are showing significant signs of structural and operational degradation, increasing the risk of failure which could halt navigation. The study also looks at opportunities to improve upper Ohio River aquatic ecosystems.

The President’s budget includes \$36.6 million for the long-delayed Lower Monongahela River Project, where the Corps continues the construction of new locks at Charleroi Locks and Dam.

The budget includes \$15 million for the East Branch Clarion River Lake Dam Safety Project in Elk County, Pa. The Corps lowered water levels at East Branch in 2008 when it was confirmed there is high risk for internal erosion of the dam. The FY13 budget will be used to permanently address seepage-related concerns at the dam. The work includes construction of a 2,100-foot long, 260-foot deep concrete cutoff wall within the existing earthen dam.

The FY13 budget includes \$14.4 million for the Shallow Land Disposal Area in Armstrong County, Pa., for the continued clean up of radiological waste materials at the site.

Other funds totaling \$108,000 were directed to support the district’s operation and maintenance of its three local flood damage reduction projects at Johnstown and Punxsutawney, Pa., and Elkins, W. Va.

Pittsburgh District’s 26,000 square miles include portions of western Pennsylvania, northern West Virginia, eastern Ohio, western Maryland and southwestern New York. Our jurisdiction includes more than 328 miles of navigable waterways, 23 navigation locks and dams, 16 multi-purpose reservoirs, 42 local flood protection projects and other projects to protect and enhance the nation’s water resources, infrastructure and environment.

The district’s additional missions include water supply, emergency response, and regulation of the Clean Water Act. The Corps often partners with local communities to improve water supply, sanitary sewer and storm water infrastructure. During disasters, the district manages the nation’s emergency power contract which provides temporary power to downed critical infrastructure. District personnel deploy overseas to help build, manage and administer water resource infrastructure projects in Afghanistan.

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INTRODUCTION: THE PITTSBURGH DISTRICT

The U.S. Army Corps of Engineers is the world's largest public works agency made up of approximately 37,000 dedicated civilian and military men and women. It is organized by watershed boundaries into nine divisions and 46 subordinate districts.



The Pittsburgh District, within the Great Lakes and Ohio River Division, is known as the "Headwaters District" because it includes the upper 127 miles of the Ohio River and all the other rivers, streams and tributaries that ultimately flow into either the Allegheny or Monongahela Rivers, which converge at the Point in downtown Pittsburgh to form the Ohio.

PITTSBURGH DISTRICT: VALUE TO THE NATION

- The Pittsburgh District supported more than **4,800 Jobs** and **\$564.0 Million** in economic output in FY10
- **67.8 Million Tons of Cargo** moved in 2010 valued at **\$5.1 Billion**
- **26,000** Square Miles in 5 States
- **10** Significant River Systems
- **16** Multi-Purpose Flood Risk Management Projects
- **670+** District Employees
- **5.5 Million** Recreation Visitors and **\$149.8 Million** in Recreation Spending in FY11
- **\$794 Million** in prevented flood damage in FY11
- **328** Miles of Navigable Waterway
- **23** Navigation Locks and Dams
- **83** Local Flood Risk Management Projects
- **12 Employees** serving overseas

PITTSBURGH DISTRICT FUNDING

| Appropriation | FY09 | FY10 | FY11 | FY12 | FY13* |
|-----------------------------|-----------------|-----------------|-----------------|----------------|-----------------|
| General Investigations | \$ 4.3M | \$ 1.7M | \$ 1.6M | \$ 1.4M | \$ 1.0M |
| Construction General | 43.4M | 15.7M | 13.7M | 0.6M | 33.3M |
| Inland Waterways Trust Fund | 0.7M | (1.4M) | 14.2M | 5.1M | 18.3M |
| Operations & Maintenance | 89.1M | 71.9M | 83.3M | 71.4M | 65.8M |
| Flood Control | 0.7M | 3.5M | 0.5M | 0.5M | |
| Regulatory Functions | 1.9M | 2.3M | 2.2M | 2.1M | |
| FUSRAP | 3.5M | 17.2M | 20.8M | 13.0M | 14.4M |
| TOTAL: | \$143.6M | \$110.9M | \$136.3M | \$94.1M | \$132.8M |

* FY13 numbers represent those in the President's Budget.

FLOOD DAMAGE PREVENTED

The Pittsburgh District operates and maintains **16 reservoirs** which collect rainfall and snowmelt behind a dam. The stored runoff is then released in a controlled process to prevent or reduce flood damages throughout the Upper Ohio River watershed.

| State | Reservoir | FY11 Damage Prevented | Cumulative Damage Prevented |
|---------------|-------------------------------------|-----------------------|-----------------------------|
| OH | Berlin Lake | \$ 292.1M | \$ 1,685.3M |
| OH | Mosquito Creek Lake | 135.1M | 415.0M |
| OH | M.J. Kirwan Dam & Reservoir | 113.8M | 749.3M |
| OH/PA | Shenango River Lake | 10.4M | 171.1M |
| PA | Conemaugh River Lake | 49.3M | 2,223.5M |
| PA | Crooked Creek Lake | 6.9M | 548.3M |
| PA | East Branch Clarion River Reservoir | 4.3M | 91.0M |
| PA | Kinzua Dam & Allegheny Reservoir | 46.5M | 1,266.0M |
| PA | Loyalhanna Lake | 7.1M | 529.0M |
| PA | Mahoning Creek Lake | 12.6M | 686.4M |
| PA | Tionesta Lake | 22.2M | 570.5M |
| PA | Union City Reservoir | 3.4M | 80.1M |
| PA | Woodcock Creek Lake | 0.2M | 33.8M |
| PA/MD | Youghiogheny River Lake | 11.3M | 567.8M |
| WV | Stonewall Jackson Lake | 11.0M | 221.6M |
| WV | Tygart River Lake | 19.4M | 1,187.4M |
| TOTAL: | | \$745.6M | \$11,026.1M |



The Pittsburgh District also operates another **43 local flood protection projects**, such as the one in Johnstown, Pennsylvania seen to the left. These projects prevented **\$48.5 million** worth of damage in FY11 for a cumulative total of **\$2.3 billion**.

When it's all added together, Pittsburgh District projects have **prevented damages totaling...**

...\$13.3 BILLION