



RAYSTOWN LAKE, PA

U.S. ARMY CORPS OF ENGINEERS

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FACT SHEET as of February 2017

AUTHORIZATION: The project was authorized by the Flood Control Act of October 23, 1962, (Public Law 87-874) and is described in House Document No. 565, 87th Congress, second 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 Representatives **Shuster (PA-9) and Thompson (PA-5)**

NON-FEDERAL SPONSOR: None

BACKGROUND:

Raystown Lake is located on the Raystown Branch about 5.5 miles upstream from its confluence with the Juniata River.

The dam is an earth and rockfill structure with a maximum height of 225 feet and a top length of 1,700 feet. There is a two-bay gated spillway with two tainter gates, 45 feet wide by 45 feet high, to control flood flows. The overflow section is cut through rock at elevation 812 mean sea level, and has crest length of 1,630 feet in the spur of Terrace Mountain. The spillway and overflow section have a combined discharge capacity of 301,000 cubic feet per second. The project, which provides flood control, recreation and fish and wildlife enhancement, controls a drainage area of 960 square miles. At the overflow section crest, the reservoir will extend 34 miles to the vicinity of Saxton and inundate 10,800 acres. The recreation lake is 27 miles long and inundates 8,300 acres. The project encompasses 29,700 total acres. The flood control storage available above the elevation of the recreation lake is 248,000 acre-feet, equal to five inches of runoff from the drainage area. The project was completed in 1973 and Federal cost was \$77,410,000.

The U.S. Army Corps of Engineers operates and maintains 12 public access areas. Facilities include beaches, boat launches, campgrounds, trails, and excellent opportunities to hunt and fish. Four concessions currently exist at the project:



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1. Lake Raystown Resort: This concession area includes 350 acres on three peninsulas on the east shore of Raystown Lake just south of Pennsylvania Route 994. The concessionaire is the Patt Organization of Hollidaysburg, PA who manages the property through RVC Outdoor Destinations. The concessionaire operates the following facilities: 272 site campground, 650 slip marina, 54 unit lodge/motel, conference center, restaurant, 64 cabins, water park complex, camp store/administration building, gas station, tour boat, and rental boats.
2. Seven Points Marina: This marina is operated by Anchorage Enterprises, Inc., of Hesston, PA. Facilities operated by this concession include a 663 wet slip marina, 283 dry slips in stack storage, a camp store, two cruise boats, rental boats, and a fuel and boat service building. The marina also operates a restaurant facility.
3. Branch Camp: The Branch Camp concession, located two miles below the dam on the Juniata River. Facilities include a 31 site campground, vault toilet, and potable water.
4. The Lighthouse: The Lighthouse concession is located at Seven Points Beach. The facility offers a variety of snacks, fast food items, and water trampolines for visitors to the beach area.

Continental Cooperative Services of Harrisburg, PA owns and operates a 20 megawatt conventional hydropower facility that uses scheduled water releases from Raystown Dam to produce an average annual output of 77 million kilowatt hours, or enough to supply approximately 7,700 typical rural homes. The facility became operational in the spring of 1988.

Lancer Resources has expressed interest to the U.S. Army Corps of Engineers in developing the Hawn's Bridge area with a marina, restaurant and camping facilities. These facilities will be in conjunction with a lodge and resort to be developed on adjacent private property. The total cost of the development is estimated to be \$80 mil. A Master Plan revision is necessary before any new development, construction, consolidation, or land use change can be pursued, since the 1994 Raystown Lake Master Plan update considered addition of a marina and cabins in the Hawn's Bridge area, but this development was not publicly supported and therefore not included in the approved Master Plan. Baltimore District will continue to work with Lancer to determine the feasibility of their proposed development and pursue funding for a Master Plan Update which will reconsider development in this area.

STATUS: Project is operational. Flood damages prevented through fiscal 2016 are estimated at \$284,499,000.

BUDGET:

<u>Federal Funds Data</u>	<u>Total</u>
Allocation for FY 2015	4,680,000
Allocation for FY 2016	5,096,305
President Budget FY 2017 ¹	4,522,000
Allocation for FY 2017 ²	TBD

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¹ The President typically sends the budget to Congress in February each year. Upon release, budget amounts for the USACE Civil Works programs and specified projects are posted online at the HQUSACE website in a Program Budget Press Book at <http://www.usace.army.mil/Missions/CivilWorks/Budget.aspx>.

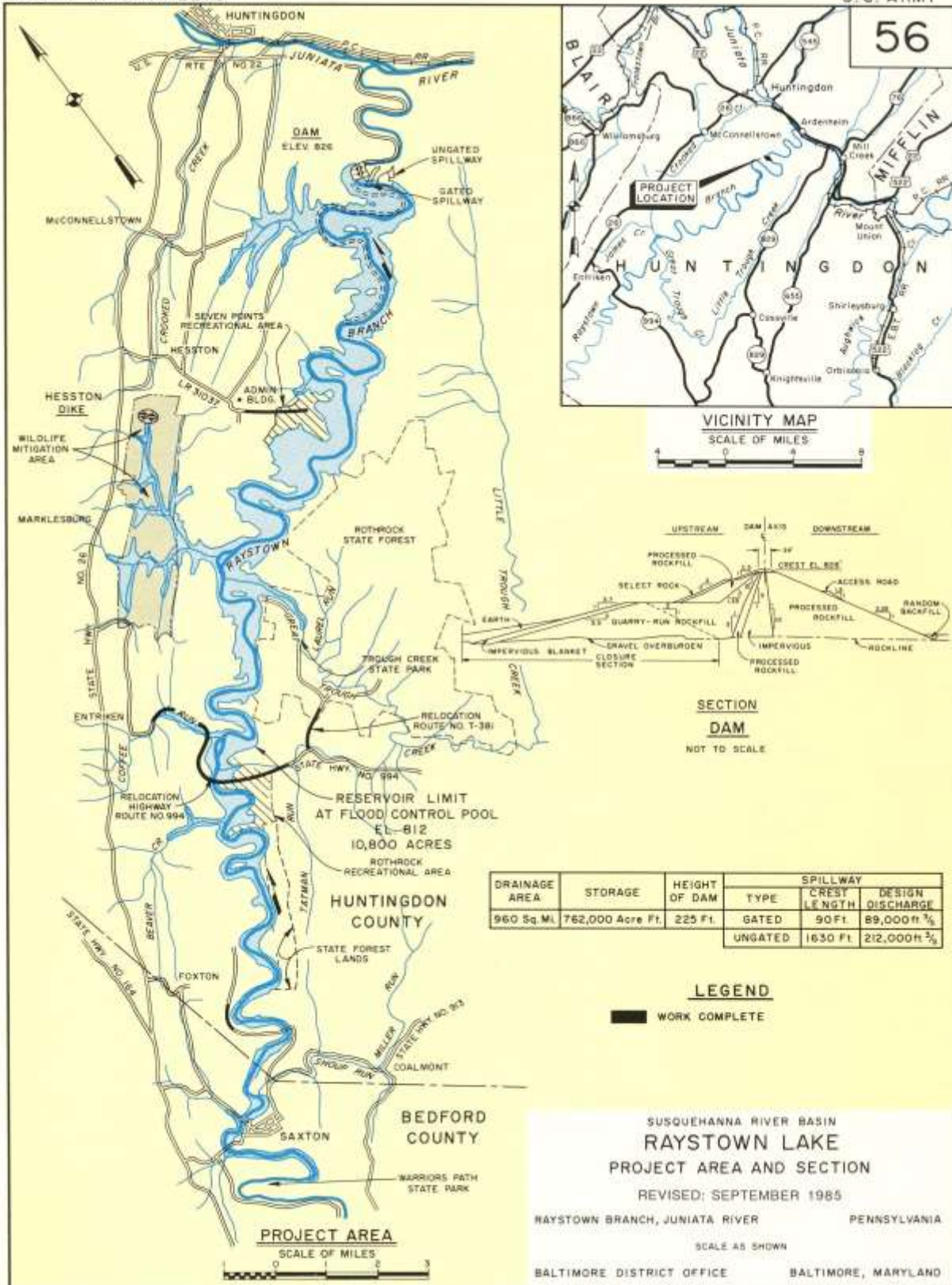
² The allocation amount for a project is determined after enactment of the Energy and Water appropriations or after public release of an approved FY work plan should there be no appropriations (i.e., a full year continuing authority is enacted).

SCHEDULE:

FY 2016 Completed Work: Normal operation and maintenance of the project continued. In an effort to address binding on the tainter gates, gate guide rollers were installed on both gates, cable connections on gate T-1 were replaced and lifting cables on both gates were rebalanced to assure vertical lifting. This work has restored both gates to fully mission capable. The project also completed the sustainability conservation improvements of replacing the leaky Point Camp potable waterline with seamless HDPE piping and awarded a contract to install external insulation on the maintenance building to improve its energy efficiency. A contract was awarded for the update of wire diagrams, arc flash analysis and installation of labels to meet NFPA 70E and Engineer Regulations.

FY 2017 Scheduled Work: Normal operation and maintenance of the project will continue. A Design Documentation Report (DDR) will be prepared by Portland District to assess the gates and operating machinery for compliance with current design standards. Additional work will be performed to investigate and improve the conditions that are causing the gate to bind within its normal operating range. Continued efforts by the project to improve conservation and energy efficiency will include installing 30 waterless urinals within 18 water borne facilities, insulating exterior walls of a maintenance building, replacing exterior lighting with LED lamps at 5 buildings, and pursuing an Energy Saving Performance Contract (ESPC) to fund additional energy improvements at the projects. Arc Flash analysis will be completed in accordance to NFPA 70E.

For more information regarding Raystown Lake, contact Steven M. Brown, P.E., CENAB-OPF, (410) 962-3378 or e-mail steven.brown@usace.army.mil. Also see this project's related web page at <http://raystown.nab.usace.army.mil/>.



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