



**US Army Corps
of Engineers®**
New York District

JACKSON BROOK, NJ

Flood Damage Reduction Project

FACT SHEET

DESCRIPTION: The Jackson Brook watershed is a 4.7 square mile area that covers parts of four municipalities – the Township of Randolph, the Township of Mine Hill, the Borough of Wharton and the Town of Dover. The watershed contains Jackson Brook and its two major tributary streams, Wallace Brook and Spring Brook. The watershed drains to the larger Upper Rockaway River and is located in Morris County, New Jersey. The upper part of the watershed contains a mix of development and open space. The central part of the watershed contains Hurd Park, a County park, and the lower part of the watershed is developed with some homes and businesses. Hurd Park contains two bodies of water. They are Hedden Pond and the Twin Reservoir Ponds.

Flood damages have occurred to the homes and property located on the lower part of the brook below the dam that forms Hedden Pond. Severe erosion and flooding along Wallace Brook within the Park between the Twin Reservoirs and Hedden Pond has caused damages to the public park facilities and caused siltation in Hedden Pond. Morris County had a consultant prepare a watershed management plan to address these issues, but no plan has been implemented.

AUTHORIZATION: The project is authorized under Section 205 of the Flood Control Act of 1948, as amended (33 U.S. Code 701s). This is a Continuing Authority Program project.

STATUS: The Corps’ involvement began with a request by Morris County to assist in the evaluation and implementation of a flood damage reduction and watershed management plan utilizing the consultant’s initial plans. A design report is currently being prepared which will include an analysis of alternatives, a selected plan, and environmental assessment. The alternatives being considered include modifying the dams at Hedden Pond and the Twin Reservoirs as well as dredging of the water bodies, streambank protection measures on Wallace Brook and lower Jackson Brook, and the replacement of the Brook Lane bridge on Lower Jackson Brook.

To date a topographic survey, existing conditions hydrology and hydraulics, an initial cultural resources report, geotechnical investigations, and limited environmental surveys have been completed. Coordination with County officials and New Jersey Department of Environmental Protection representatives is ongoing as plan alternatives are being formulated. The draft detailed project report was completed in February 2008 and a final report will be completed in spring 2008. Construction, if warranted, would begin after the design phase is completed, authorization and funding are received, and a project cooperation agreement is executed.

The design is funded up front at full Federal expense. The cost of a project if constructed will be cost shared at 65% Federal, 35% non-federal. The design cost would be included in the overall construction cost and retroactively cost shared.

PROJECT COST: Estimated Design and Implementation Phase:	Federal	\$5,200,000
	<u>Non-Federal</u>	<u>\$2,800,000</u>
	Total	\$8,000,000

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