



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

# WOODBIDGE RIVER BASIN, NJ

## Flood Protection and Ecosystem Restoration Study

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### FACT SHEET

**DESCRIPTION:** The study area encompasses the Woodbridge River Basin located in Woodbridge Township, Middlesex County, New Jersey. The Woodbridge River Basin has a drainage area of 10 square miles. The Township of Woodbridge has suffered flood damages as a result of storm events. The last major flood event occurred on 18-19 October 1996, during which the Township of Woodbridge sustained damages in excess of \$1,000,000.

**AUTHORIZATION:** U.S. House of Representatives Resolution Docket 2552, dated May 6, 1998 authorizes the study of the Woodbridge River Basin, New Jersey.

**STATUS:** The 905(b) Preliminary Analysis/Reconnaissance Study date of July 1999 determined Federal interest to proceed to a cost shared feasibility study of flood protection and ecosystem restoration measures. A Feasibility Cost Sharing Agreement with the State of New Jersey Department of Environmental Protection was executed on March 14, 2002. Initial Feasibility Study activities including data gathering, surveys, and site visits to the study area began in June 2002.

A range of plan alternatives for flood protection and ecosystem restoration will be developed. They will include levees and floodwalls, a tidal or river control gate structure, and nonstructural measures. Non-structural measures include buy-outs and elevating structures. Restoration measures include the creation of wetland habitat, bank stabilization, and removal of fill from the river and adjacent banks. A public Environmental Scoping Meeting was held on September 23, 2003 to solicit input from interested parties. The results of the scoping meeting were published in a report dated January 2004. The NJDEP has asked the Corps to focus on the feasibility of a tide gate since the other alternatives are not economically justified. The analysis of a tide gate was completed in the spring 2004. The alternative was found to be marginally justified, but not considered likely to be justified under more detailed study. Assuming that there is continued interest in pursuing the study, direction will be provided by the NJDEP on further efforts.

### STUDY COST:

Estimated Federal Cost	\$1,650,000
Estimated Non-Federal Cost	<u>\$1,650,000</u>
Total	\$3,300,000

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District Area: NJ #7, Congressional Member: Michael Ferguson

NJ #13, Congressional Member: Robert Menendez