



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

**Raritan Bay and
Sandy Hook Bay, NJ
LEONARDO, NJ**

Hurricane and Storm Damage Reduction

FACT SHEET

DESCRIPTION: The Leonardo study area is located in the northeastern portion of Middletown Township in Monmouth County, New Jersey. There is an existing Federal navigation project that provides access for the Leonardo State Marina to deep water in Raritan Bay. Low-lying residential and commercial structures in the area experience flooding caused by coastal storm inundation. The feasibility study will determine the viability of Federal participation in flood and storm damage reduction.

AUTHORIZATION: The Flood Control Act of 12 October 1962 authorized the existing Federal project as a dual purpose Beach Erosion Control and Hurricane Protection Project in accordance with House Document No. 464, 86th Congress, Second session. The current study was authorized by a resolution of the Committee on Public Works and Transportation, U.S. House of Representatives, adopted August 1, 1990.

STATUS: A favorable reconnaissance report for Raritan Bay and Sandy Hook Bay was completed in March 1993. The report recommended a feasibility study for Port Monmouth and also recommended that four additional communities, including Leonardo, proceed into separate cost-shared feasibility studies.

A feasibility cost sharing agreement was executed on April 16, 1999 with the New Jersey Department of Environmental Protection (NJDEP) and the feasibility study was initiated in July 1999. A public meeting was held July 2002 to present several shorefront protection alternatives that were being examined. The development of alternatives was finished in June 2003 with the completion of the Preliminary Alternatives Report. Based on the benefit-cost analysis, a non-structural plan consisting of elevating some homes was found to be the only economically justifiable plan. A public meeting was held September 12, 2003 to present the findings and solicit input from the residents on the selected non-structural alternative. Refinement of the non-structural plan is proceeding. A Draft Feasibility Report with environmental documentation will be completed by early 2005.

PROJECT COST: (Feasibility Study Cost):

Estimated Federal Cost	\$1,375,000
Estimated Non-Federal Cost	\$1,375,000
Total	\$2,750,000

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