

**PROJECT FACT SHEET  
GENERAL INVESTIGATIONS**

**PROJECT NAME AND STATE:** NE Marina Beach Erosion, PA (Section 22)

**LOCATION AND DESCRIPTION:** North East Township, Erie County, on the Pennsylvania shore of Lake Erie.

The study was undertaken to comply with a Federal District Court Order and Stipulation to investigate a beach erosion condition, which local landowners attribute to the construction of the marina. Since the Corps of Engineers granted permits for the construction, the Pittsburgh District became a party to the litigation, together with the current operator of the facility, the Pennsylvania Fish and Boat Commission (PFBC).

The investigation was divided into two phases. Phase 1 consisted of data collection and preliminary analysis of sediment processes near the marina. Also, this phase identified the impacts of the marina on local sediment processes.

Phase 2 developed recommendations and alternative solutions for the project condition. Included here is a discussion of actions that could restore the shoreline conditions prior to the construction of the marina, and a description of actions to prevent further erosion of the shoreline.

Finally, three annual monitoring efforts, consisting of beach profiles are under way to assess the results of the recommended sand replenishment activity presented in the report.

<b>TOTAL PROJECT COST:</b>	\$310,000
<b>Total Federal Cost:</b>	\$155,000
<b>Total Non-Federal Cost:</b>	\$155,000

**NON-FEDERAL SPONSOR:** Pennsylvania Fish and Boat Commission

**CURRENT STATUS:** The main report is complete. The Letter Agreement and Scope of Work for the third monitoring phase (Phase IV of the study), were executed by the Pittsburgh District and the cost sharing sponsor on July 22, 2003. With all study funds now in place, the field survey work was completed during the week of September 8, 2003. The data analysis and beach erosion modeling tasks were performed in October 2003. The modeling results and draft report memorandum were provided to the District on December 23, 2003. The final report, including review comments, was received in mid January 2004, and has been distributed to selected study team members including the non-federal sponsor and other participants. Additional full color copies will be assembled for a second round of distributions to those requiring the higher level of information.

Discussions have begun with the PFBC, W.E.S., etc., to enter into another fall beach profile survey to improve the information base. However, any future work is contingent upon the availability of Federal funds.

**AUTHORIZATION:** Section 22, Water Resources Development Act of 1974 (Public Law 93-251), as amended, known as Planning Assistance to States.

**CONGRESSIONAL INTEREST:** English (PA-3), Santorum (PA), Specter (PA)

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