



**US Army Corps
of Engineers®**

Detroit District

News Release

Release No. PA-0421-01

For Release: April 21, 2003

Contact: Lynn Duerod 313-226-4680

Lynn.M.Duerod@lre02.usace.army.mil

www.lre.usace.army.m

April 21, 2003

Pentwater Harbor Wave Study to measure wave height

Detroit — The U.S. Army Corps of Engineers installed five wave gages around Pentwater Harbor to collect wave height information. This study, part of the Monitoring of Completed Navigation Projects (MCNP) program, is administered through the Corps' Engineering Research and Development Center (ERDC), in Vicksburg, MS.

After a tour of many federal harbors on Lakes Michigan and Superior last summer, ERDC selected Pentwater Harbor as the study site for evaluating the effectiveness of recently installed wave absorbers.

The Corps installed similar wave absorbers at many harbors prior to the one in Pentwater, but needed further design guidance for the type of gages now installed at Pentwater.

The expected results from this study will enable engineers to produce more effective wave absorbers in the future. Four of the wave gages were installed in the channel while the fifth gage was installed directly offshore of the harbor in about 30 feet of water.

Any questions can be directed to Dave Foster at the Corps' Detroit District, Grand Haven office (616) 842-5510 ext. 20, or Jim Selegan at the Corps' Detroit District headquarters office (313) 226-6791.

###