



US Army Corps  
of Engineers ®

**PROJECT INFORMATION SHEET**  
**February 2011**

**PROJECT:** Keweenaw Stamp Sands, Keweenaw County, Michigan - Great Lakes Fishery and Ecosystem Restoration (C)

**DESCRIPTION:** The project is located on the Keweenaw Peninsula in northern Michigan. A copper mine dumped waste stamp sands into Lake Superior over a 30 year period. As a result of weathering and erosion induced by wave action, material from the deposit has moved along the shore migrating down the southeastern shore of the Keweenaw Peninsula. The stamp sands (a granular by-product of copper processing) deposit of particular concern is estimated to cover 1,426 acres (411 subaerial and 1,005 subaqueous). The deposit's movement along the southeast shoreline of the Keweenaw Peninsula to Grand Traverse Bay Harbor is threatening the nearby Buffalo Reef, a productive lake trout and whitefish spawning area, and the shoreline south of the Traverse River. Stabilizing of the deposit is critical to preventing further damage. The Lakewide Management Plan identified stamp sands as a principal stress to the aquatic habitat of Lake Superior.

**CONGRESSIONAL INTEREST:** Benishek (MI-1); Senator Levin (MI), Senator Stabenow (MI)

**LOCATION MAP & PICTURE:**



**NON-FEDERAL PROJECT SPONSOR:** The Michigan Department of Natural Resources has provided a letter of interest.

**PROJECT AUTHORITY:** Section 506 of WRDA 2000, as amended - Great Lakes Fishery and Ecosystem Restoration (GLFER)

**FUNDING:**

	<u>Total</u>	<u>Federal</u>	<u>Non-Federal</u>
Current Working Estimate:	\$ 7,200,000	\$ 5,000,000	\$ 2,200,000
Funds Allocated prior to FY11:	\$ 150,000	\$ 150,000	\$ 0
FY11 Energy and Water Allocation:	\$	\$	\$
FY11 GLRI Allocation:	\$	\$ 150,000	\$
FY12 Budget:	\$	\$	\$
Funds required to complete (>FY12):	\$ 6,900,000	\$ 4,700,000	\$ 2,200,000

**STAGE:** Feasibility

**STATUS:** A Preliminary Restoration Plan (PRP) has been initiated and will be completed by Feb 2011. Upon approval, the District will initiate a Feasibility Study using Great Lakes Restoration Initiative (GLRI) funds.

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