

# Parcels in High Risk Erosion Areas of L'Anse Township, Baraga County

HREAs identified South to North      Date of Designation: August 27, 2018

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
D1	8	07-004-279-001-25	1.2	50	85
D1	9	07-004-279-001-00	1.2	50	85
D1	10	07-004-279-001-50	1.2	50	85
D1	11	07-004-278-001-90	1.2	50	85
D1	12	07-004-278-001-85	1.2	50	85
D1	13	07-004-278-001-60	1.2	50	85
D1	14	07-004-278-001-40	1.2	50	85
D1	15	07-004-278-001-30	1.2	50	85
D1	16	07-004-278-001-20	1.2	50	85

HREA\* - Some parcels may be in multiple HREAs due to their large size.

30 yr PRD\* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for readily moveable structures including those structures 3,500 square feet or less and built on a basement, crawlspace or pilings. Additional restrictions may apply per Administrative Rules 281.21-22.

60 yr PRD\* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for non-readily moveable structures such as large structures and septic systems.

**Designation runs with the land including subsequent splits. Absence of a property number does not guarantee the property is located outside of an HREA. Contact the Great Lakes Shorelands Unit, Water Resources Division, DEQ in Lansing or the local DEQ field office for assistance.**

Lake Superior

Keweenaw Bay

SECTION 29  
T52N R32W

SECTION 28  
T52N R32W

Area D1  
50'/85'  
AVG. 1.2 FT/YR

004-278-001-30  
SEPPANEN TIMOTHY  
& MICHELLE

004-278-001-20  
ANTHOS LEONARD L. &  
BARBARA J. ANTHOS

004-278-001-40  
MEIER THOMAS I

004-278-001-85  
ALLERT KURT &  
LERITA TRUST

004-278-001-60  
CAIRATI TRACEY  
L. & FRED A. TRUSTEE

004-278-001-90  
DOELE LARRY & JOYCE  
DOELE TRUSTEES

004-279-001-50  
MESSMER THOMAS J  
& CHRISTINE M.

004-279-001-00  
SMITH KELLY A.

004-279-001-25  
MENARD JAMES A.

Sand Bay

SECTION 32  
T52N R32W

SECTION 33  
T52N R32W

### High-Risk Erosion Area Update - 2017

L'Anse Township, Baraga County  
T52N, R32W Section 29, 28, 32

Pequaming

#### High Risk Erosion Areas 30 YR/60 YR Projected Recession Distance (Feet) Average Annual Rate of Recession (FT/YR)

AREA D1: 50'/85' (Avg. 1.2 FT/YR)



1 inch = 128 feet

--- Roads

□ Parcels

□ Sections

□ HREA Parcels

#### MAP INFORMATION:

This map identifies potential High-Risk Erosion Areas under Part 323, Shorelands Protection and Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The shaded areas indicate recession of at least one foot per year.

Background imagery, as well as roads and survey data were provided by the State of Michigan, Center for Shared Solutions and Technology Partnerships.

Questions regarding this map should be directed to the Michigan Department of Environmental Quality at 517-284-5567.

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Water Resources Division  
Michigan Department of Environmental Quality  
8/27/2018

Recession/Accretion values for each area were calculated using the Digital Shoreline Analysis System from the USGS (Thaler, E.R., Himmelstoss, E.A., Zichich, J.L., and Ergul, Ayhan, 2009. Digital Shoreline Analysis System (DSAS) version 4.0 - An ArcGIS extension for calculating shoreline change. U.S. Geological Survey Open-File Report 2008-127).