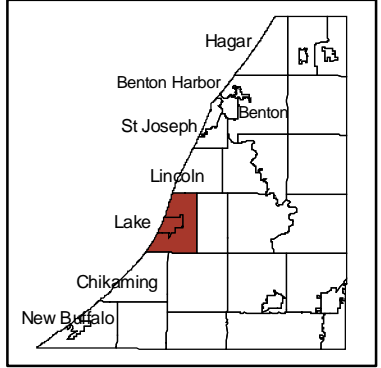


LAKE TOWNSHIP  
CITY OF BRIDGMAN  
T06S, R19W  
T06S, R20W

HIGH RISK EROSION AREAS &  
CRITICAL DUNE AREAS

BERRIEN COUNTY



Legend

 CRITICAL DUNE AREAS

THESE AREAS ARE DESIGNATED AS CRITICAL DUNE AREAS PURSUANT TO PART 353 SAND DUNE PROTECTION AND MANAGEMENT OF THE NATURAL RESOURCE AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED.

 HIGH RISK EROSION AREAS (SHADED ALONGSHORE)

THESE AREAS ARE LEGALLY DEFINED BY PART 323, SHORELANDS PROTECTION AND MANAGEMENT, OF THE NATURAL RESOURCE AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED, BEING GREAT LAKES SHORELAND AREAS DOCUMENTED TO RECEDE AN AVERAGE OF ONE FOOT OR MORE PER YEAR.

**AREA A**  
55'/95'

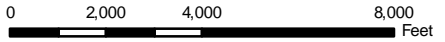
- THE AREA ID PROVIDES A SPATIAL REFERENCE FOR EACH SPECIFIC HREA WITHIN A TOWNSHIP
- THE NUMBERS BELOW REPRESENT, IN FEET, THE 30-YEAR AND 60-YEAR PROJECTED RECESSION DISTANCES, RESPECTIVELY FOR THAT SPECIFIC HREA.

FOR FURTHER INFORMATION:

GREAT LAKES SHORELANDS UNIT  
LAND AND WATER MANAGEMENT DIVISION  
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
PO BOX 30458  
LANSING, MI 48909-7958  
517-373-1170

MAP DATE: 10/3/2007

HREA SETBACK UPDATES  
IMPLEMENTED: 10/12/2007



# Parcels in High Risk Erosion Areas of Lake Township, Berrien County

HREAs identified North to South      Date of Designation: October 12, 2007

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	1	11-11-0005-0002-23-0 Cook Nuclear Plant, begins approx. 425 ft south of property line, extends approx. 225 feet, see map	1.3	55	95
A2	2	11-11-0005-0002-23-0 Cook Nuclear Plant, approx 450 feet, see map	1.9	70	130
A3	3	11-11-0005-0002-23-0 Cook Nuclear Plant, approx. 300 feet, see map	1.7	65	115
A3	3.2	11-11-0005-0002-01-6 Cook Nuclear Plant, , see map	1.7	65	115
B	4	11-11-0007-0001-01-6	1.3	55	95
B	5	11-11-0007-0004-01-5	1.3	55	95
B	6	11-11-0112-0001-00-1	1.3	55	95
B	6.2	11-11-0007-0010-03-1	1.3	55	95
B	6.21	11-11-0007-0010-05-8	1.3	55	95
B	6.22	11-11-0007-0010-06-6	1.3	55	95
B	7	11-11-0007-0010-18-0	1.3	55	95
C1	8	11-11-8600-0064-00-4 see map, shoreline	1.6	65	110
C1	8.2	11-11-8600-0017-00-6	1.6	65	110

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.**

# Parcels in High Risk Erosion Areas of Lake Township, Berrien County

HREAs identified North to South      Date of Designation: October 12, 2007

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C1	8.21	11-11-8600-0018-02-0	1.6	65	110
C1	8.22	11-11-8600-0019-00-9	1.6	65	110
C1	8.23	11-11-8600-0020-00-7	1.6	65	110
C1	9	11-11-8600-0064-00-4 see map, shoreline	1.6	65	110
C1	9.2	11-11-8600-0021-00-3	1.6	65	110
C1	10	11-11-1750-0025-00-3	1.6	65	110
C1	11	11-11-1750-0024-00-7	1.6	65	110
C1	12	11-11-1750-0023-00-1	1.6	65	110
C1	13	11-11-1750-0022-00-4	1.6	65	110
C1	14	11-11-1750-0021-00-8	1.6	65	110
C2	15	11-11-1750-0019-00-3	3.7	125	235
C2	16	11-11-1750-0018-00-7	3.7	125	235
C2	17	11-11-1750-0017-00-1	3.7	125	235
C2	18	11-11-1750-0016-00-4	3.7	125	235
C2	19	11-11-1750-0015-00-8	3.7	125	235
C2	19.2	11-11-1750-0015-01-6	3.7	125	235
C3	20	11-11-1750-0014-01-0	3.7	80	145
C3	21	11-11-1750-0013-01-3	3.7	80	145
C3	22	11-11-1750-0012-00-9	3.7	80	145

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# Parcels in High Risk Erosion Areas of Lake Township, Berrien County

HREAs identified North to South      Date of Designation: October 12, 2007

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C3	23	11-11-1750-0011-02-9	3.7	80	145
C3	24	11-11-1750-0010-00-6	3.7	80	145
C3	25	11-11-1750-0009-02-4	3.7	80	145
C3	26	11-11-1750-0008-01-0	3.7	80	145
C3	27	11-11-1750-0007-00-5	3.7	80	145
D5	34	11-11-0126-0001-00-1 northern 300 feet, see map	1.3	55	95
E	35	11-11-0126-0001-00-1 approx. 1800 feet of open dune, see map	2.2	80	145

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