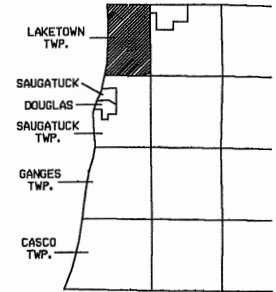


# LAKETOWN TOWNSHIP

## HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

ALLEGAN COUNTY



### HIGH RISK EROSION AREAS

THE NUMBER REPRESENTS, IN FEET, THE 30 YEAR PROJECTED RECESSION DISTANCE.  
 THE NUMBER REPRESENTS, IN FEET, THE 60 YEAR PROJECTED RECESSION DISTANCE.

HIGH RISK EROSION AREA (shading alongshore)

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

### CRITICAL DUNE AREAS

- BARRIER DUNES  
BARRIER DUNE FORMATIONS DESIGNATED PURSUANT TO PART 323, SAND DUNE PROTECTION & MANAGEMENT, OF THE NATURAL RESOURCE & ENVIRONMENTAL PROTECTION ACT 1994 PA 451.
- AREAS NOT INCLUDED IN DESIGNATED BARRIER DUNE FORMATIONS THAT ARE COMPOSED PRIMARILY OF DUNE SAND AND EXHIBIT SEVERAL DUNE-LIKE CHARACTERISTICS.
- EXEMPLARY DUNE ASSOCIATED PLANT COMMUNITIES OUTSIDE DESIGNATED DUNE FORMATIONS. MICHIGAN NATURAL FEATURES INVENTORY REFERENCE CODE INDICATED.

### SOURCE

STATE OF MICHIGAN RECESSION RATE MAPS & ATLAS OF CRITICAL DUNE AREAS

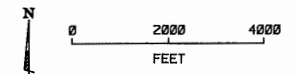
### INFORMATION

MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
 LAND AND WATER MANAGEMENT DIVISION  
 P.O. BOX 30458  
 LANSING, MI 48209-7958  
 (517) 373-1950



GREAT LAKES INFORMATION SYSTEM  
 MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
 LAND AND WATER MANAGEMENT DIVISION

11-02-95

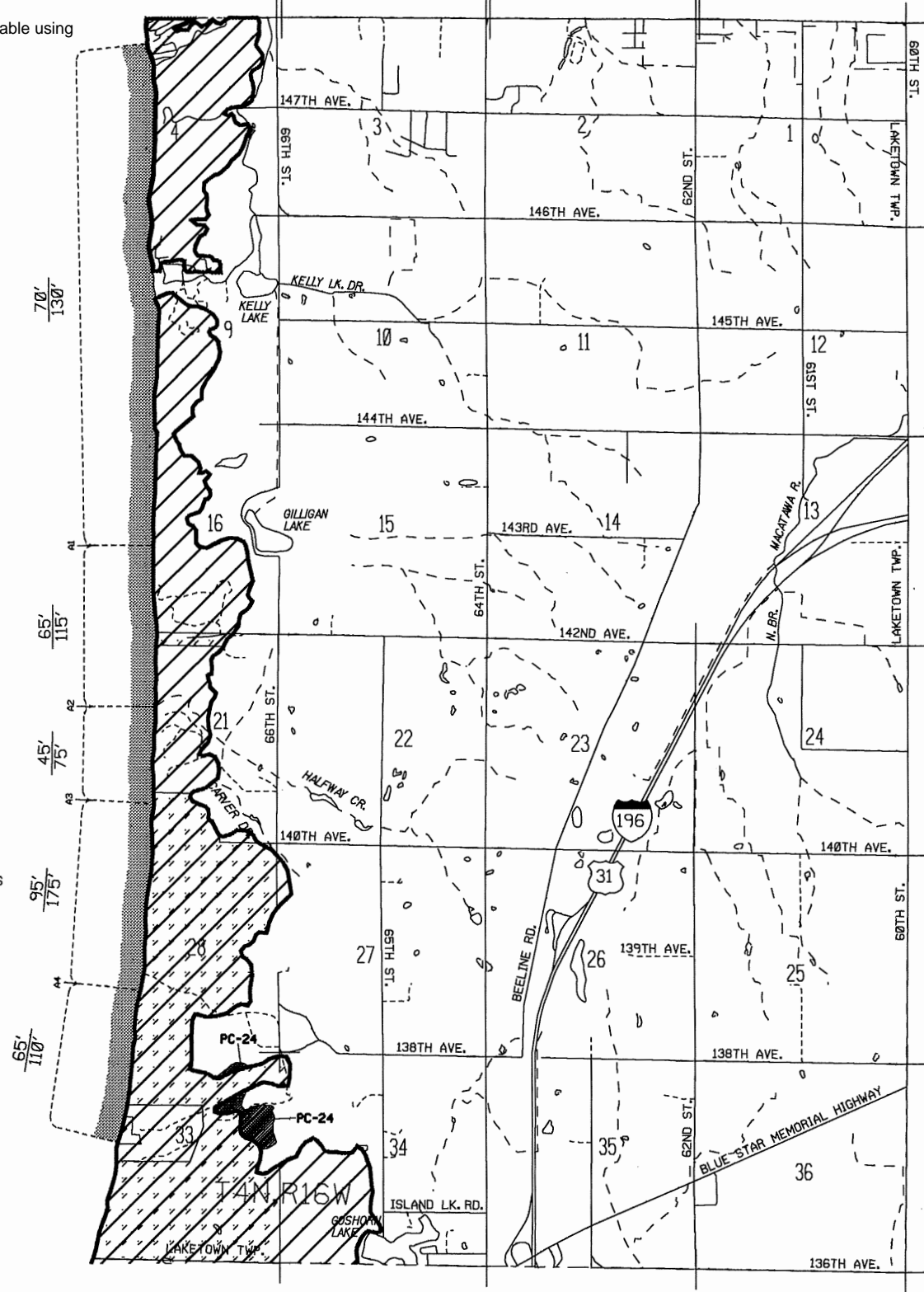


More detailed information is available using

[MiWaters Site Explorer](#)

Select: Layers  
 Coastal  
 High Risk Erosion Areas

AREA A



SAUGATUCK DUNES STATE PARK

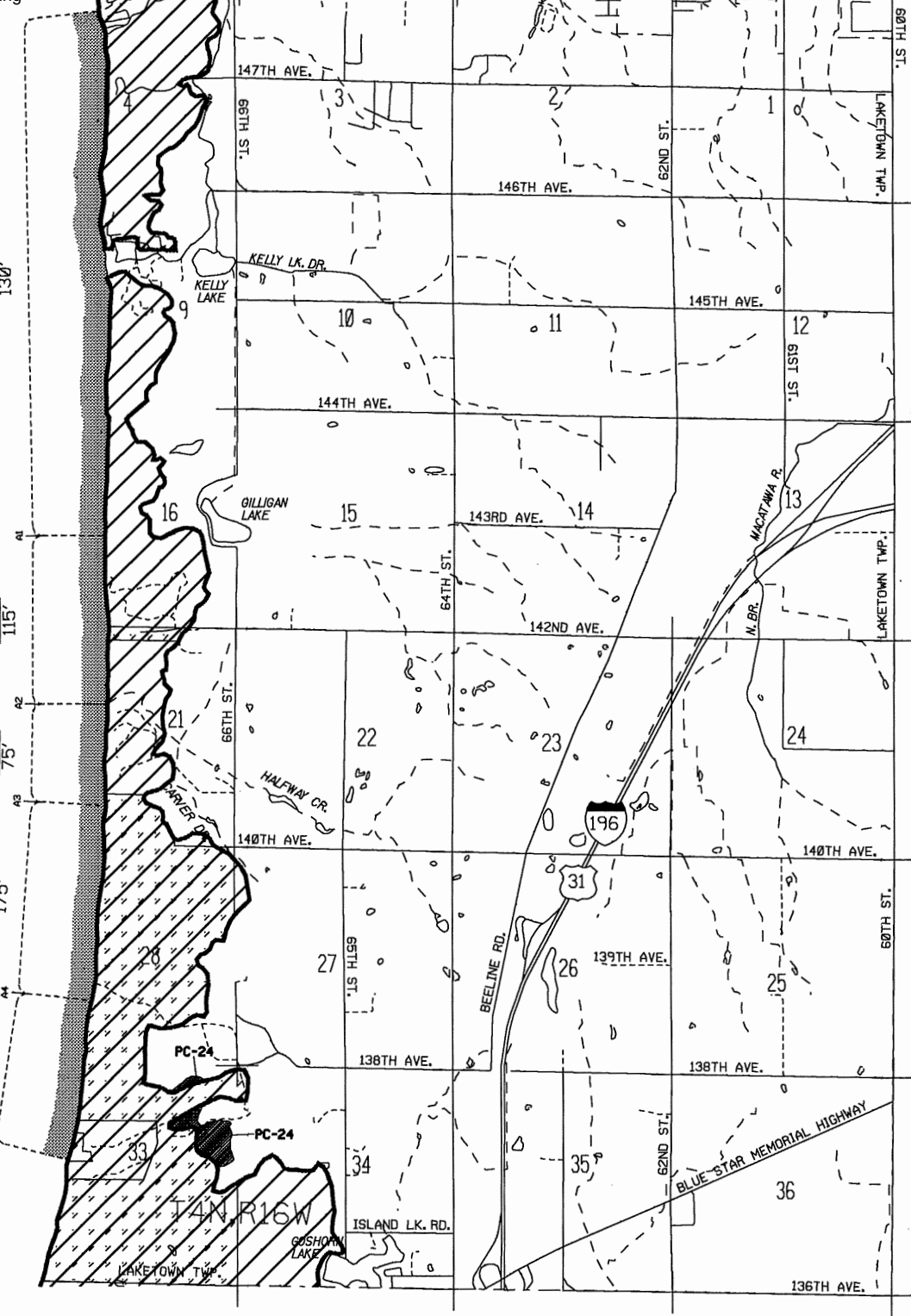
70' / 130'

65' / 115'

45' / 75'

95' / 175'

65' / 110'



PC-24

PC-24

14N R16W

LAKETOWN TWP.

GOSHORN LAKE

ISLAND LK. RD.

BLUE STAR MEMORIAL HIGHWAY

196

31

BEELINE RD.

138TH AVE.

138TH AVE.

139TH AVE.

140TH AVE.

140TH AVE.

HALFWAY CR.

66TH ST.

64TH ST.

142ND AVE.

143RD AVE.

OILIGAN LAKE

144TH AVE.

145TH AVE.

KELLY LK. DR.

KELLY LAKE

146TH AVE.

62ND ST.

147TH AVE.

68TH ST.

LAKETOWN TWP.

LAKETOWN TWP.

68TH ST.

62ND ST.

136TH AVE.

FEBRUARY 14, 1994, amended 11/2/95

LAKETOWN TOWNSHIP, T4N R16W, ALLEGAN COUNTY, MICHIGAN  
BOUNDARY DESCRIPTIONS AND BREAKPOINT LOCATIONS<sup>1</sup>

BOUNDARY DESCRIPTIONS

HREA-A The north boundary is located in section 4, 600 feet south of the intersection of Ottawa County section 33 (T5N, R16W), Allegan County section 4 (T4N, R16W) and the shoreline. Aerial #1-252.

The south boundary is located in section 33, 2,250 feet south of the intersection of sections 28, 33 (Saugatuck Dunes State Park boundary), and the shoreline. Aerial #1-269.

BREAKPOINT LOCATIONS

- A1. The breakpoint between the 70' and 65' 30 year projected recession distances is located in section 16, approximately 2,200 feet north of the intersection of sections 16, 21, and the shoreline. Aerial #1-263.
- A2. The breakpoint between the 65' and 45' 30 year projected recession distances is located in section 21, approximately 2,175 feet south of the intersection of sections 16, 21, and the shoreline. Aerial #1-263.
- A3. The breakpoint between the 45' and 95' 30 year projected recession distances is located in section 21, at the intersection of the north boundary of Saugatuck Dunes State Park and the shoreline. Aerial #1-264.
- A4. The breakpoint between the 95' and 65' 30 year projected recession distances is located in section 28, approximately 2,000 feet north of the intersection of sections 28, 33 (south boundary of Saugatuck Dunes State Park), and the shoreline. Aerial #1-267.

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<sup>1</sup> NOTE: These boundary and breakpoint descriptions are considered approximate. The exact locations are indicated on 1989 aerial photographs on file with the Land and Water Management Division, Department of Natural Resources.

# Parcels in High Risk Erosion Areas of Laketown Township, Allegan County

HREAs identified North to South

Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	1	03-11-340-229-00	1.9	70	130
A1	1.1	03-11-340-227-00	1.9	70	130
A1	1.2	03-11-340-232-00	1.9	70	130
A1	2	03-11-260-600-00	1.9	70	130
A1	2.2	03-11-340-252-00	1.9	70	130
A1	2.3	03-11-340-256-00	1.9	70	130
A1	3	03-11-340-231-00	1.9	70	130
A1	4	03-11-260-603-00	1.9	70	130
A1	5	03-11-260-604-00	1.9	70	130
A1	6	03-11-260-521-00	1.9	70	130
A1	7	03-11-260-520-00	1.9	70	130
A1	7.2	03-11-260-601-00	1.9	70	130
A1	8.2	03-11-260-602-00	1.9	70	130
A1	9	03-11-260-382-00	1.9	70	130
A1	10.4	03-11-260-403-51	1.9	70	130
A1	11	03-11-260-408-00	1.9	70	130
A1	11.2	03-11-260-406-00	1.9	70	130
A1	11.3	03-11-260-405-00	1.9	70	130
A1	11.4	03-11-260-400-00	1.9	70	130

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 Laketown Township, Allegan County

HREAs identified North to South

Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	12	03-11-260-428-00	1.9	70	130
A1	12.2	03-11-260-427-00	1.9	70	130
A1	12.3	03-11-260-425-00	1.9	70	130
A1	12.4	03-11-260-418-00	1.9	70	130
A1	13	03-11-260-432-00	1.9	70	130
A1	13.2	03-11-260-431-00	1.9	70	130
A1	13.3	03-11-260-430-00	1.9	70	130
A1	13.4	03-11-260-423-00	1.9	70	130
A1	14	03-11-260-422-00	1.9	70	130
A1	14.2	03-11-260-456-00	1.9	70	130
A1	14.5	03-11-260-448-00	1.9	70	130
A1	15	03-11-260-461-00	1.9	70	130
A1	16	03-11-260-462-00	1.9	70	130
A1	16.3	03-11-260-453-00	1.9	70	130
A1	16.4	03-11-260-450-00	1.9	70	130
A1	17	03-11-260-463-00	1.9	70	130
A1	18	03-11-260-484-00	1.9	70	130
A1	18.1	03-11-260-485-00	1.9	70	130
A1	18.2	03-11-260-480-00	1.9	70	130
A1	18.22	03-11-260-482-00	1.9	70	130

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# Parcels in High Risk Erosion Areas of Laketown Township, Allegan County

HREAs identified North to South

Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	18.3	03-11-260-479-00	1.9	70	130
A1	18.4	03-11-260-478-00	1.9	70	130
A1	18.5	03-11-260-473-00	1.9	70	130
A1	18.52	03-11-260-477-00	1.9	70	130
A1	18.6	03-11-260-470-00	1.9	70	130
A1	18.62	03-11-260-476-00	1.9	70	130
A1	19	03-11-260-505-00	1.9	70	130
A1	19.2	03-11-260-501-00	1.9	70	130
A1	19.3	03-11-260-499-00	1.9	70	130
A1	19.4	03-11-260-494-00	1.9	70	130
A1	19.5	03-11-260-491-00	1.9	70	130
A1	20	03-11-260-506-00	1.9	70	130
A1	20.2	03-11-260-502-00	1.9	70	130
A1	21	03-11-260-518-00	1.9	70	130
A1	21.2	03-11-260-515-00	1.9	70	130
A1	21.4	03-11-260-511-00	1.9	70	130
A1	22	03-11-120-138-00	1.9	70	130
A1	22.2	03-11-004-007-40	1.9	70	130
A1	23	03-11-120-139-00	1.9	70	130
A1	23.3	03-11-004-007-21	1.9	70	130

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# Parcels in High Risk Erosion Areas of Laketown Township, Allegan County

HREAs identified North to South

Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	24	03-11-120-140-00	1.9	70	130
A1	24.3	03-11-004-007-20	1.9	70	130
A1	25	03-11-120-134-00	1.9	70	130
A1	26	03-11-120-142-00	1.9	70	130
A1	26.3	03-11-004-007-41	1.9	70	130
A1	27	03-11-120-001-00	1.9	70	130
A1	27.2	03-11-120-040-00	1.9	70	130
A1	28	03-11-120-002-00	1.9	70	130
A1	28.2	03-11-120-041-00	1.9	70	130
A1	28.21	03-11-120-042-00	1.9	70	130
A1	28.22	03-11-120-043-00	1.9	70	130
A1	28.23	03-11-120-044-00	1.9	70	130
A1	28.24	03-11-120-045-00	1.9	70	130
A1	28.25	03-11-120-045-20	1.9	70	130
A1	28.26	03-11-120-045-10	1.9	70	130
A1	28.3	03-11-120-064-00	1.9	70	130
A1	28.32	03-11-120-066-00	1.9	70	130
A1	28.33	03-11-120-067-00	1.9	70	130
A1	28.4	03-11-120-065-00	1.9	70	130
A1	28.42	03-11-120-073-00	1.9	70	130

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# Parcels in High Risk Erosion Areas of Laketown Township, Allegan County

HREAs identified North to South

Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	28.5	03-11-120-069-00	1.9	70	130
A1	29	03-11-120-007-00	1.9	70	130
A1	29.2	03-11-120-046-00	1.9	70	130
A1	29.25	03-11-120-067-50	1.9	70	130
A1	29.3	03-11-004-010-00	1.9	70	130
A1	30	03-11-410-002-00	1.9	70	130
A1	31	03-11-410-004-00	1.9	70	130
A1	31.2	03-11-410-003-00	1.9	70	130
A1	32	03-11-410-005-00	1.9	70	130
A1	33	03-11-410-007-00	1.9	70	130
A1	33.2	03-11-410-006-00	1.9	70	130
A1	33.21	03-11-004-007-00	1.9	70	130
A1	33.22	03-11-410-008-00	1.9	70	130
A1	33.23	03-11-410-009-00	1.9	70	130
A1	33.24	03-11-410-010-00	1.9	70	130
A1	33.25	03-11-410-011-00	1.9	70	130
A1	33.26	03-11-410-012-00	1.9	70	130
A1	33.27	03-11-410-013-00	1.9	70	130
A1	33.28	03-11-410-014-00	1.9	70	130
A1	33.29	03-11-410-016-00	1.9	70	130

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# Parcels in High Risk Erosion Areas of Laketown Township, Allegan County

HREAs identified North to South

Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	34	03-11-004-007-90	1.9	70	130
A1	35	03-11-004-008-00	1.9	70	130
A1	36	03-11-009-035-00	1.9	70	130
A1	36.1	03-11-009-035-10	1.9	70	130
A1	37	03-11-009-035-50	1.9	70	130
A1	38	03-11-009-036-00	1.9	70	130
A1	39	03-11-460-031-00	1.9	70	130
A1	39.2	03-11-460-005-00	1.9	70	130
A1	40	03-11-460-006-00	1.9	70	130
A1	41	03-11-460-007-00	1.9	70	130
A1	42	03-11-460-009-00	1.9	70	130
A1	42.1	03-11-420-051-00	1.9	70	130
A1	42.2	03-11-420-050-00	1.9	70	130
A1	43	03-11-460-011-00	1.9	70	130
A1	44	03-11-460-011-50	1.9	70	130
A1	45	03-11-460-012-00	1.9	70	130
A1	46	03-11-460-014-00	1.9	70	130
A1	47	03-11-460-015-00	1.9	70	130
A1	48	03-11-460-017-00	1.9	70	130
A1	49	03-11-460-018-00	1.9	70	130

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# Parcels in High Risk Erosion Areas of Laketown Township, Allegan County

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A1	50	03-11-460-019-00	1.9	70	130
A1	50.2	03-11-380-049-00	1.9	70	130
A1	51	03-11-460-021-00	1.9	70	130
A1	52	03-11-460-022-00	1.9	70	130
A1	53	03-11-460-023-00	1.9	70	130
A1	54	03-11-460-024-00	1.9	70	130
A1	54.2	03-11-380-004-00	1.9	70	130
A1	55	03-11-460-026-00	1.9	70	130
A1	56	03-11-460-027-00	1.9	70	130
A1	56.2	03-11-460-001-00	1.9	70	130
A1	57	03-11-460-028-00	1.9	70	130
A1	58	03-11-380-002-00	1.9	70	130
A1	58.5	03-11-380-027-00	1.9	70	130
A1	59	03-11-009-034-00	1.9	70	130
A1	60	03-11-009-034-10	1.9	70	130
A1	61	03-11-009-041-00	1.9	70	130
A1	62	03-11-009-040-00	1.9	70	130
A1	63	03-11-016-002-00	1.9	70	130
A1	64	03-11-016-003-00	1.9	70	130
A2	65	03-11-016-003-10	1.7	65	115

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# Parcels in High Risk Erosion Areas of Laketown Township, Allegan County

HREAs identified North to South

Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A2	66	03-11-016-023-00	1.7	65	115
A2	67	03-11-016-031-00	1.7	65	115
A2	68	03-11-016-029-00	1.7	65	115
A2	68.2	03-11-016-029-10	1.7	65	115
A2	69	03-11-016-028-00	1.7	65	115
A2	69.2	03-11-016-030-10	1.7	65	115
A2	70	03-11-016-013-00	1.7	65	115
A2	71	03-11-016-004-00	1.7	65	115
A2	72	03-11-021-007-00	1.7	65	115
A2	73	03-11-021-024-50	1.7	65	115
A2	74	03-11-021-023-50	1.7	65	115
A2	74.2	03-11-021-006-00	1.7	65	115
A2	75	03-11-021-023-00	1.7	65	115
A2	76	03-11-021-023-40	1.7	65	115
A2	77	03-11-021-023-20	1.7	65	115
A2	78	03-11-021-023-10	1.7	65	115
A2	79	03-11-021-024-00	1.7	65	115
A3	80	03-11-021-021-40	1.0	45	75
A3	81	03-11-021-021-00	1.0	45	75
A3	82	03-11-021-021-30	1.0	45	75

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# Parcels in High Risk Erosion Areas of Laketown Township, Allegan County

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HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A3	83	03-11-021-010-10	1.0	45	75
A3	84	03-11-021-009-00	1.0	45	75
A3	85	03-11-021-011-00	1.0	45	75
A3	86	03-11-021-013-00	1.0	45	75
A3	87	03-11-021-012-00	1.0	45	75
A3	88	03-11-021-014-00	1.0	45	75
A3	89	03-11-021-018-00	1.0	45	75
A3	90	03-11-021-017-00	1.0	45	75
A3	91	03-11-021-019-10	1.0	45	75
A4	92	03-11-021-025-00	2.7	95	175
A4	93	03-11-028-002-00 North 3,300 feet	2.7	95	175
A5	93	03-11-028-002-00	1.6	65	110
A5	94	03-11-033-001-00 North 1,300 feet	1.6	65	110
A5	95	03-11-033-002-00	1.6	65	110
A5	96	03-11-033-004-00	1.6	65	110
A5	97	03-11-033-005-00	1.6	65	110
A5	98	03-11-033-006-00	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.**