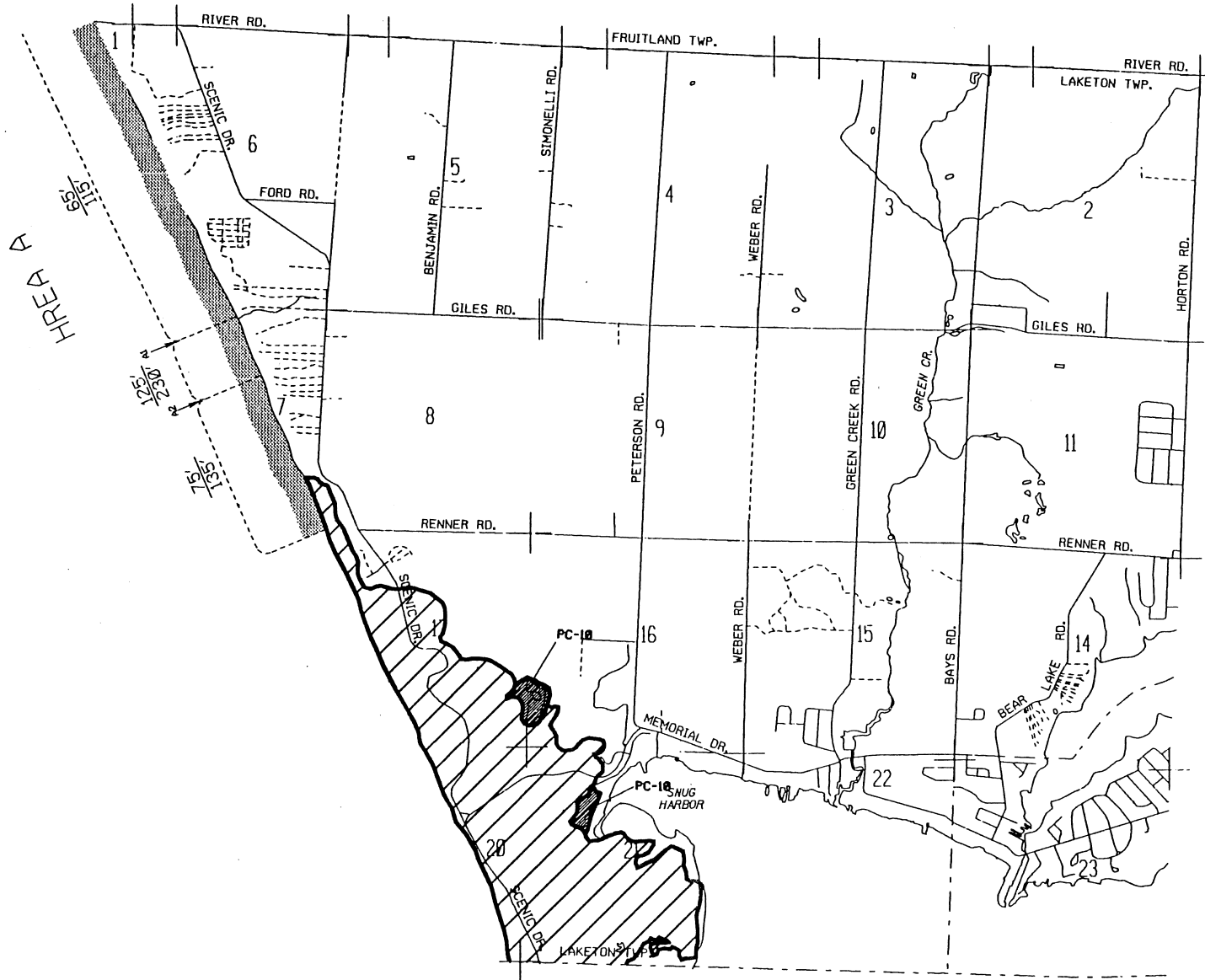
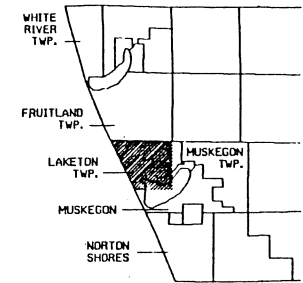


LAKETON TOWNSHIP

HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

MUSKEGON COUNTY

T10N R17W



HIGH RISK EROSION AREAS

THE NUMBER REPRESENTS, IN FEET, THE 30 YEAR PROJECTED RECESSION DISTANCE.
 50'
 105' THE NUMBER REPRESENTS, IN FEET, THE 60 YEAR PROJECTED RECESSION DISTANCE.

HIGH RISK EROSION AREA (shading alongshore)

THESE AREAS ARE LEGALLY DEFINED BY THE SHORELANDS PROTECTION AND MANAGEMENT ACT, 1978 P.A. 245, AS AMENDED, AS 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 1976 P.A. 222

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 ACT 245 RECESSION RATE MAPS & ATLAS OF CRITICAL DUNE AREAS

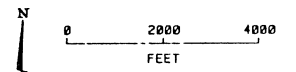
INFORMATION

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
 LAND AND WATER MANAGEMENT DIVISION
 P.O. BOX 30828
 LANSING, MI 48909
 (517) 373-1958

Gis

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

08-04-93
 amended 08-28-93



Parcels in High Risk Erosion Areas of Laketon Township, Muskegon County

HREAs identified North to South Date of Designation: December 20, 1993

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	1	61-09-006-100-0001-00	1.7	65	115
A1	2	61-09-006-100-0003-00	1.7	65	115
A1	3	61-09-006-100-0004-00	1.7	65	115
A1	4	61-09-006-100-0006-00	1.7	65	115
A1	5	61-09-006-100-0007-00	1.7	65	115
A1	6	61-09-006-100-0008-00	1.7	65	115
A1	7	61-09-006-100-0009-00	1.7	65	115
A1	8	61-09-006-100-0010-00	1.7	65	115
A1	9	61-09-006-100-0012-00	1.7	65	115
A1	10	61-09-006-100-0013-00	1.7	65	115
A1	11	61-09-006-100-0014-00	1.7	65	115
A1	12	61-09-006-100-0015-00	1.7	65	115
A1	13	61-09-006-100-0016-00	1.7	65	115
A1	14	61-09-006-100-0017-00	1.7	65	115
A1	15	61-09-006-100-0018-00	1.7	65	115
A1	16	61-09-006-100-0019-00	1.7	65	115
A1	17	61-09-006-100-0021-00	1.7	65	115
A1	19	61-09-006-100-0029-00	1.7	65	115
A1	20	61-09-006-100-0030-00	1.7	65	115

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 Laketon Township, Muskegon County

HREAs identified North to South Date of Designation: December 20, 1993

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	21	61-09-006-100-0033-00	1.7	65	115
A1	22	61-09-006-100-0032-00	1.7	65	115
A1	23	61-09-006-100-0035-00	1.7	65	115
A1	24	61-09-006-100-0036-00	1.7	65	115
A1	25	61-09-006-100-0037-00	1.7	65	115
A1	26	61-09-006-100-0038-00	1.7	65	115
A1	28	61-09-006-100-0040-00	1.7	65	115
A1	29	61-09-006-100-0041-00	1.7	65	115
A1	30	61-09-006-100-0042-00	1.7	65	115
A1	32	61-09-006-100-0044-00	1.7	65	115
A1	33	61-09-006-100-0045-00	1.7	65	115
A1	34	61-09-006-100-0046-00	1.7	65	115
A1	35	61-09-210-000-0008-00 Beechwood Shores	1.7	65	115
A1	35.1	61-09-210-000-0007-00 Beechwood Shores	1.7	65	115
A1	36	61-09-006-100-0055-00	1.7	65	115
A1	37	61-09-006-100-0056-00	1.7	65	115
A1	38	61-09-006-100-0057-00	1.7	65	115
A1	39	61-09-006-400-0001-00 Pioneer Park	1.7	65	115

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 Laketon Township, Muskegon County

HREAs identified North to South Date of Designation: December 20, 1993

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	41	61-09-006-400-0005-00	1.7	65	115
A1	42	61-09-006-400-0007-00	1.7	65	115
A1	43	61-09-006-400-0008-00	1.7	65	115
A1	44	61-09-006-400-0009-00	1.7	65	115
A1	45	61-09-006-400-0010-00	1.7	65	115
A1	46	61-09-006-400-0014-00	1.7	65	115
A1	47	61-09-006-400-0015-00	1.7	65	115
A1	48	61-09-007-200-0001-00	1.7	65	115
A1	49	61-09-007-200-0002-00	1.7	65	115
A1	50	61-09-007-200-0003-00	1.7	65	115
A2	51	61-09-007-200-0004-00	3.6	125	230
A2	51.1	61-09-007-200-0004-30	3.6	125	230
A2	52	61-09-007-200-0007-00	3.6	125	230
A2	53	61-09-733-000-0013-00 Scenic Shores Condos	3.6	125	230
A2	53.2	61-09-733-000-0010-00	3.6	125	230
A2	53.3	61-09-733-000-0009-00	3.6	125	230
A2	53.4	61-09-733-000-0008-00	3.6	125	230
A2	53.5	61-09-733-000-0007-00	3.6	125	230

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 Laketon Township, Muskegon County

HREAs identified North to South Date of Designation: December 20, 1993

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A2	54	61-09-733-000-0012-00 Scenic Shores Condos	3.6	125	230
A2	54.2	61-09-733-000-0011-00	3.6	125	230
A2	54.3	61-09-733-000-0006-00	3.6	125	230
A2	54.4	61-09-733-000-0005-00	3.6	125	230
A2	54.5	61-09-733-000-0004-00	3.6	125	230
A2	54.6	61-09-733-000-0003-00	3.6	125	230
A2	54.7	61-09-733-000-0002-00	3.6	125	230
A2	54.8	61-09-733-000-0001-00	3.6	125	230
A2	55	61-09-007-200-0011-20	3.6	125	230
A2	55.2	61-09-007-200-0010-00	3.6	125	230
A2	55.21	61-09-007-200-0011-00	3.6	125	230
A2	55.3	61-09-007-200-0010-10	3.6	125	230
A2	56	61-09-007-200-0013-00	3.6	125	230
A2	57	61-09-007-200-0014-00	3.6	125	230
A2	58	61-09-007-200-0015-00	3.6	125	230
A2	59	61-09-007-200-0016-00	3.6	125	230
A2	60	61-09-007-200-0017-00	3.6	125	230
A2	61	61-09-007-200-0018-00	3.6	125	230
A2	62	61-09-007-200-0019-00	3.6	125	230

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 Laketon Township, Muskegon County

HREAs identified North to South Date of Designation: December 20, 1993

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A2	63	61-09-007-200-0020-00	3.6	125	230
A2	64	61-09-007-200-0021-00	3.6	125	230
A2	65	61-09-007-200-0022-00	3.6	125	230
A2	66	61-09-007-200-0023-00	3.6	125	230
A2	67	61-09-007-200-0025-00	3.6	125	230
A2	69	61-09-007-200-0026-00	3.6	125	230
A3	70	61-09-007-200-0027-00	2.0	75	135
A3	71	61-09-007-200-0029-00	2.0	75	135
A3	72	61-09-007-200-0030-00	2.0	75	135
A3	73	61-09-007-200-0031-00	2.0	75	135
A3	74	61-09-007-200-0032-00	2.0	75	135
A3	75	61-09-007-200-0033-00	2.0	75	135
A3	76	61-09-007-400-0001-00	2.0	75	135
A3	77	61-09-007-400-0002-00	2.0	75	135
A3	78	61-09-007-400-0003-00	2.0	75	135
A3	79	61-09-007-400-0004-00	2.0	75	135
A3	80	61-09-007-400-0005-00	2.0	75	135
A3	81	61-09-007-400-0006-00	2.0	75	135
A3	82	61-09-007-400-0007-00	2.0	75	135
A3	83	61-09-007-400-0008-00	2.0	75	135

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 Laketon Township, Muskegon County

HREAs identified North to South Date of Designation: December 20, 1993

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A3	84	61-09-007-400-0010-00	2.0	75	135
A3	85	61-09-007-400-0011-00	2.0	75	135
A3	86	61-09-007-400-0012-00	2.0	75	135
A3	87	61-09-007-400-0013-00	2.0	75	135
A3	88	61-09-007-400-0014-00	2.0	75	135
A3	89	61-09-007-400-0015-00	2.0	75	135
A3	90	61-09-007-400-0016-00	2.0	75	135
A3	91	61-09-007-400-0017-00	2.0	75	135
A3	92	61-09-007-400-0018-00	2.0	75	135
A3	93	61-09-008-300-0014-00	2.0	75	135
A3	94	61-09-007-400-0019-00	2.0	75	135
A3	95	61-09-008-300-0016-00	2.0	75	135
A3	96	61-09-007-400-0020-00	2.0	75	135
A3	97	61-09-007-400-0021-00	2.0	75	135
A3	97.9	61-09-008-300-0020-00	2.0	75	135
A3	98	61-09-008-300-0022-00	2.0	75	135
A3	99	61-09-008-300-0025-00 north of Muskegon St. Park	2.0	75	135

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.