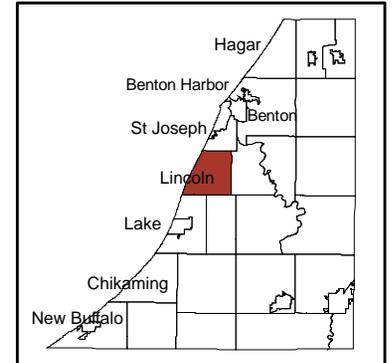


LINCOLN TOWNSHIP
T05S, R19W

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 Lincoln 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	11-12-0009-0020-08-9	2.5	90	165
A1	2	11-12-0009-0020-12-7	2.5	90	165
A1	3	11-12-0009-0020-16-0	2.5	90	165
B1	4	11-12-0009-0022-00-6 southern 180 feet, see map	4.1	140	260
B1	5	11-12-0009-0023-18-5	4.1	140	260
B2	6	11-12-0009-0024-02-5	2.9	100	190
B2	7	11-12-0009-0035-02-7	2.9	100	190
B2	8	11-12-0009-0032-00-1	2.9	100	190
B2	9	11-12-0009-0028-00-4	2.9	100	190
C1	10	11-12-0009-0002-02-1	2.3	85	155
D1	11	11-12-0016-0003-03-9	2.3	85	155
D1	12	11-12-0016-0004-00-1	2.3	85	155
D1	13	11-12-0016-0005-07-4	2.3	85	155
D1	14	11-12-0016-0006-07-1	2.3	85	155
D2	15	11-12-0016-0006-05-4	2.1	80	140
D2	16	11-12-0016-0006-08-9	2.1	80	140
D2	17	11-12-7325-0001-00-8	2.1	80	140
D2	18	11-12-0016-0056-06-0	2.1	80	140
D3	19	11-12-0016-0008-48-1	4.0	135	255

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

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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 Lincoln 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*
D3	19.2	11-12-0016-0008-41-3	4.0	135	255
D3	20	11-12-0016-0008-47-2	4.0	135	255
D3	21	11-12-0016-0008-46-4	4.0	135	255
D3	21.2	11-12-0016-0008-45-6	4.0	135	255
D3	22	11-12-7310-0027-01-7	4.0	135	255
D3	22.2	11-12-7310-0029-00-1	4.0	135	255
D3	23	11-12-7310-0037-00-4	4.0	135	255
D3	24	11-12-7310-0026-00-2	4.0	135	255
D3	25	11-12-7310-0025-00-6	4.0	135	255
D3	26	11-12-7310-0024-00-0	4.0	135	255
D3	27	11-12-7310-0023-00-3	4.0	135	255
D3	28	11-12-7310-0022-00-7	4.0	135	255
D4	29	11-12-7310-0021-00-1	2.6	95	170
D4	30	11-12-7315-0023-00-4	2.6	95	170
D4	31	11-12-8625	2.6	95	170
D4	32	11-12-4940-0001-00-3	2.6	95	170
D4	32.2	11-12-8626-0019-00-7	2.6	95	170
D4	32.21	11-12-0016-0012-01-1	2.6	95	170
E1	33	11-12-4940-0008-00-8	1.3	55	95
E1	34	11-12-4940-0009-00-4	1.3	55	95

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Parcels in High Risk Erosion Areas of Lincoln 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*
E1	35	11-12-4940-0010-00-2	1.3	55	95
E1	36	11-12-4940-0011-01-7	1.3	55	95
E2	37	11-12-4940-0015-01-2	1.5	60	105
E2	38	11-12-4940-0017-01-5	1.5	60	105
E2	39	11-12-4940-0019-00-0	1.5	60	105
E2	39.2	11-12-4940-0064-00-5	1.5	60	105
E2	40	11-12-4940-0020-00-8	1.5	60	105
E2	41	11-12-4940-0021-00-4	1.5	60	105
E2	42	11-12-4940-0022-01-9	1.5	60	105
E2	43	11-12-4940-0023-00-7	1.5	60	105
E2	44	11-12-4940-0026-01-4	1.5	60	105
E2	45	11-12-4940-0026-03-1	1.5	60	105
E2	46	11-12-4940-0032-00-6	1.5	60	105
E2	47	11-12-4940-0034-01-7	1.5	60	105
F1	48	11-12-0020-0008-00-4 southern 250 feet, see map	1.3	55	95
F1	49	11-12-0020-0014-03-9	1.3	55	95
F1	50	11-12-0020-0014-08-0	1.3	55	95
F2	51	11-12-0020-0014-00-4	1.7	65	115
F2	52	11-12-0020-0014-01-2	1.7	65	115

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Parcels in High Risk Erosion Areas of Lincoln 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*
F3	53	11-12-0020-0014-05-5	3.7	125	235
F3	54	11-12-0020-0014-06-3	3.7	125	235
F3	55	11-12-0020-0014-07-1	3.7	125	235
F4	56	11-12-0020-0013-04-1	1.8	70	125
F4	57	11-12-0020-0013-02-4	1.8	70	125
F4	58	11-12-0020-0013-01-6	1.8	70	125
F4	59	11-12-0020-0013-03-2	1.8	70	125
F4	60	11-12-0020-0015-00-1	1.8	70	125
G1	61	11-12-0020-0004-02-5	6.9	220	430
G2	62	11-12-0020-0012-08-7	2.4	85	160
G2	62.2	11-12-0020-0012-14-1	2.4	85	160
G2	63	11-12-0020-0012-18-4	2.4	85	160
G2	64	11-12-0020-0012-36-2	2.4	85	160
G2	65	11-12-0020-0012-43-5	2.4	85	160
H1	66	11-12-0020-0005-05-6	1.5	60	105
H2	67	11-12-0020-0005-00-5	2.2	80	145
H2	68	11-12-0020-0011-03-0	2.2	80	145
H2	69	11-12-0020-0011-04-8	2.2	80	145
H3	70	11-12-0020-0011-02-1	2.0	75	135
H3	71	11-12-0020-0011-00-5	2.0	75	135

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Parcels in High Risk Erosion Areas of Lincoln 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*
H3	72	11-12-0020-0011-01-3	2.0	75	135
H3	73	11-12-0029-0009-04-7	2.0	75	135
H3	74	11-12-0029-0009-07-1	2.0	75	135
H3	75	11-12-0029-0009-28-4	2.0	75	135
H3	76	11-12-0029-0009-29-2	2.0	75	135
H3	77	11-12-0029-0009-30-6	2.0	75	135
H3	78	11-12-0029-0014-01-6	2.0	75	135
H3	79	11-12-0029-0013-03-0	2.0	75	135
H3	80	11-12-2750-0001-03-0	2.0	75	135
H3	81	11-12-2750-0002-00-3	2.0	75	135
H3	82	11-12-2750-0003-00-0	2.0	75	135
I	83	11-12-2750-0058-01-7	1.8	70	125
I	84	11-12-0029-0004-03-7	1.8	70	125
I	85	11-12-0029-0006-01-3 see map	1.8	70	125
J1	86	11-12-0030-0001-00-7 Grand Mere State Park, see map	1.4	55	100
K1	87	11-12-0031-0016-01-1 Grand Mere State Park, see map	1.2	50	85

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Parcels in High Risk Erosion Areas of Lincoln 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*
K2	88	11-12-0031-0016-01-1 Grand Mere State Park, see map	2.4	85	160
K2	89	11-12-0031-0002-04-4	2.4	85	160
K2	90	11-12-0031-0002-05-2	2.4	85	160
K2	91	11-12-0031-0002-02-8	2.4	85	160
K2	92	11-12-0031-0012-01-5	2.4	85	160
K2	93	11-12-0031-0013-02-0	2.4	85	160
K2	94	11-12-0031-0014-02-6	2.4	85	160
K2	95	11-12-0031-0015-01-4	2.4	85	160
K2	96	11-12-0031-0004-03-9	2.4	85	160
K2	97	11-12-0031-0004-04-7	2.4	85	160
K2	98	11-12-0031-0004-07-1	2.4	85	160
K2	99	11-12-0031-0004-06-3	2.4	85	160
K2	100	11-12-8600-0001-01-5	2.4	85	160
L1	101	11-12-0031-0011-00-1	1.2	50	85

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