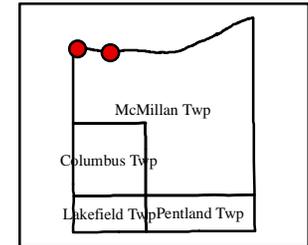


**McMillan Township
T50N, R11W
T50N, R12W**

**HIGH RISK EROSION AREAS &
CRITICAL DUNE AREAS**

LUCE COUNTY



Legend



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.



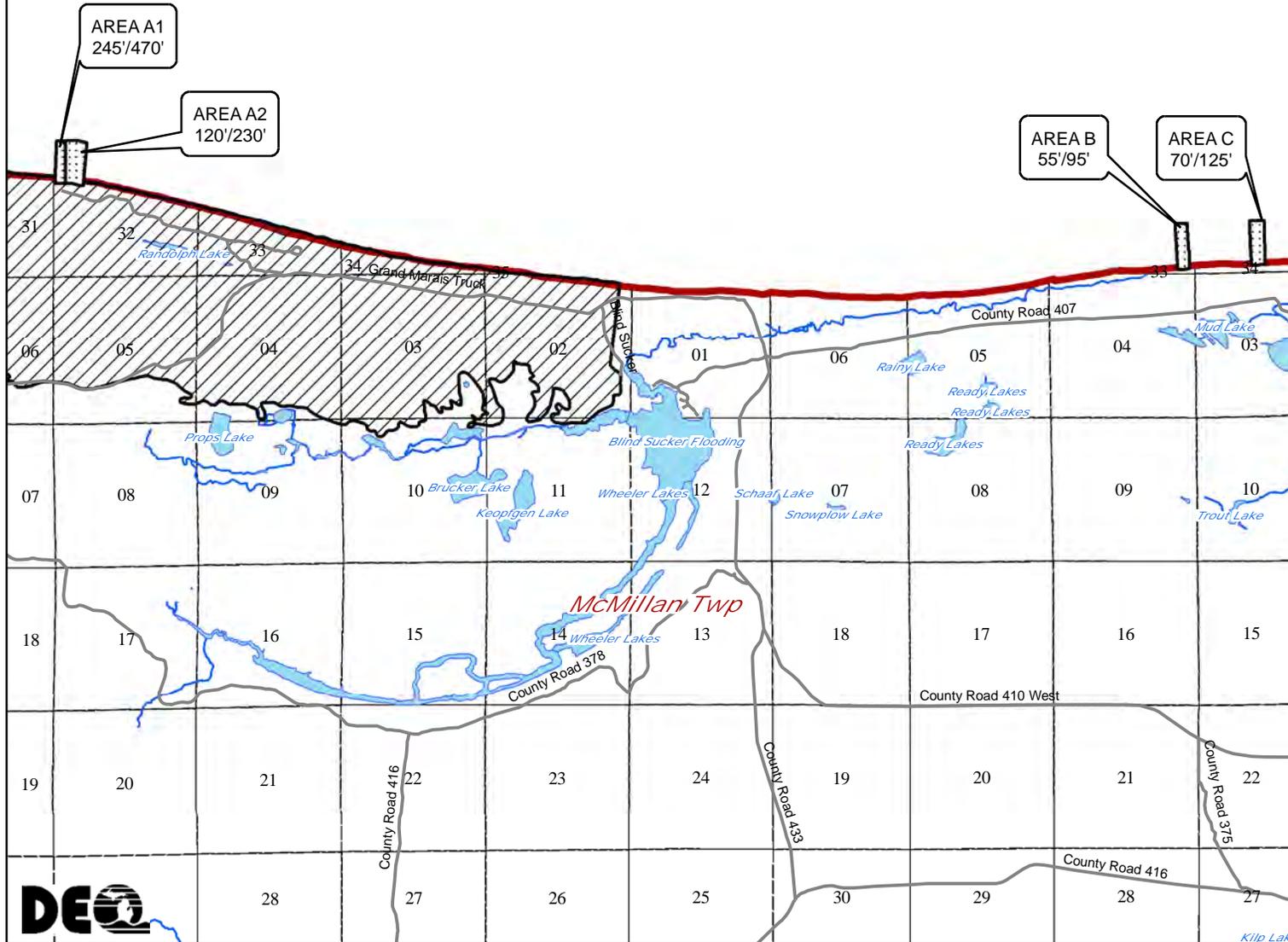
THESE AREAS ARE LEGALLY DEFINED BY PART 323, SHORELANDS PROTECTION AND MANAGEMENT, OF THE NATURAL RESOURCE AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED, BEING GREAT LAKES SHORELAND AREAS DOCUMENTED TO RECEDE AN AVERAGE OF ONE FOOT OR MORE PER YEAR.

- AREA A**
70'/130'
- 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
WATER RESOURCES DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
PO BOX 30458
LANSING, MI 48909-7958
517-373-1170

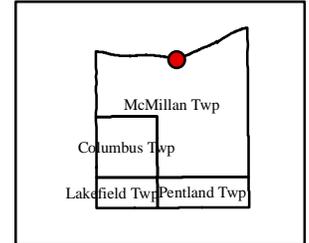
HREA
MAP DATE: 7/16/2012



McMillan Township T49N, R10W

HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

LUCE COUNTY



Legend



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.



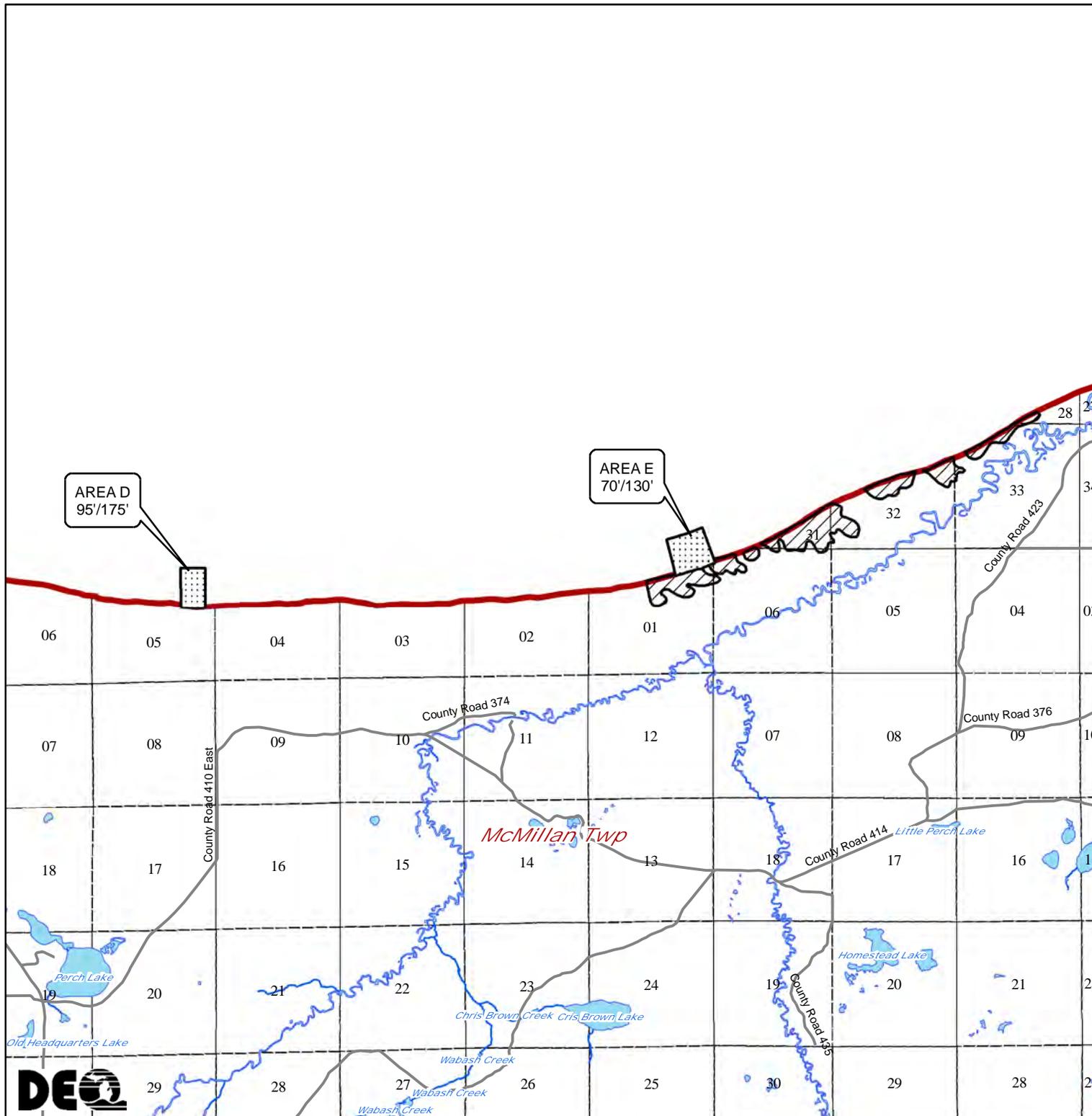
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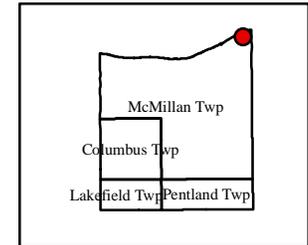
HREA
MAP DATE: 7/16/2012



McMillan Township T50N, R08W

HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

LUCE COUNTY



Legend



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.



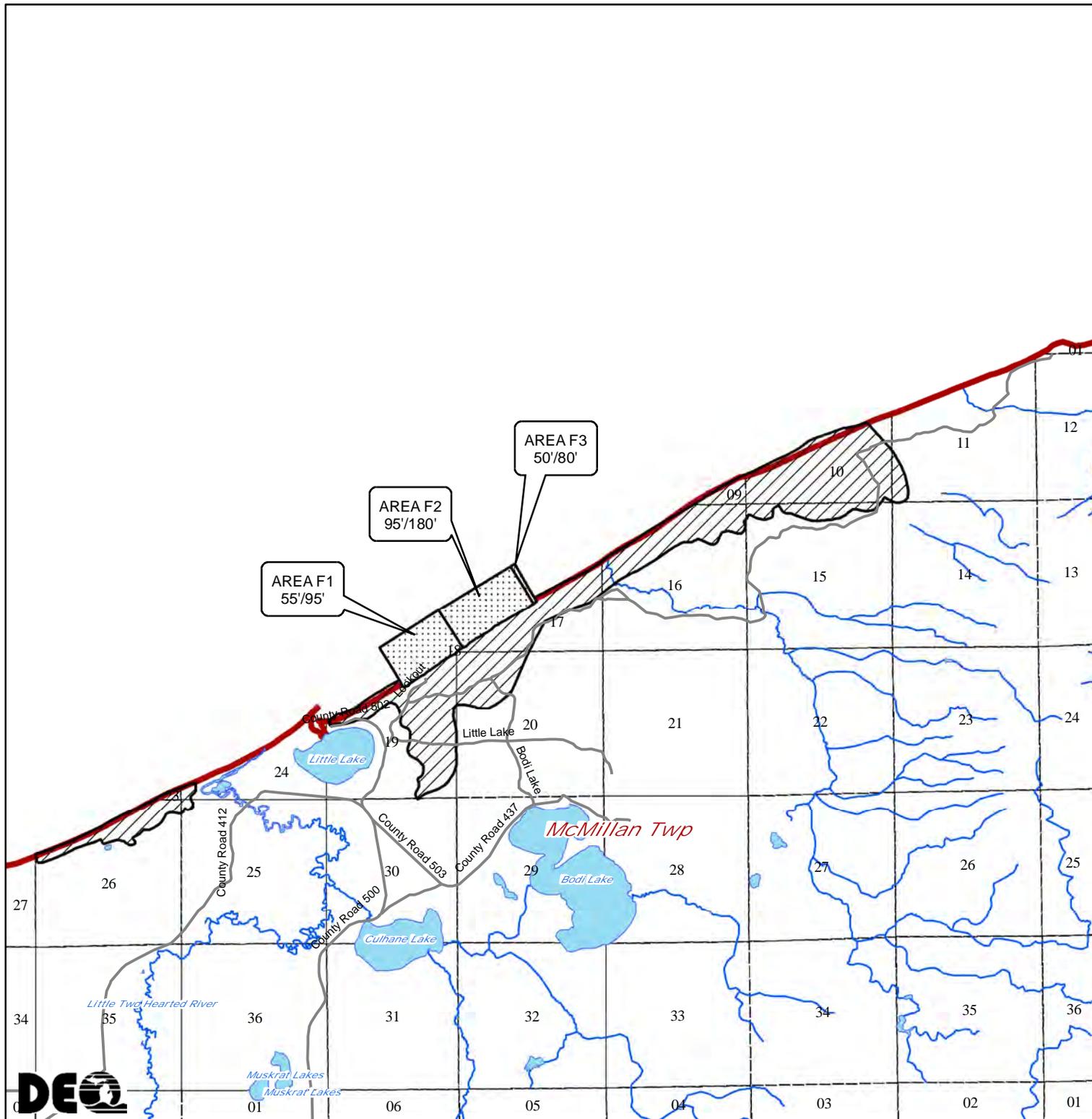
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WATER RESOURCES DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
PO BOX 30458
LANSING, MI 48909-7958
517-373-1170

HREA
MAP DATE: 7/16/2012



Parcels in High Risk Erosion Areas of McMillan Township, Luce County

HREAs identified West to East Date of Designation: September 14, 2012

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	1	48-003-020-032-0310 western 375 feet	7.6	245	470
A2	1	48-003-020-032-0310 eastern 125 feet	3.6	120	230
A2	2	48-003-020-032-0395	3.6	120	230
B1	3	48-003-019-033-0100 begins 225 feet east of section 33/34 line, extends west 425 feet	1.3	55	95
C1	4	48-003-019-034-0200 begins at east property line, extends 500 feet west	1.8	70	125
D1	5	48-003-014-005-0520	2.7	95	175
D1	6	48-003-014-005-0510	2.7	95	175
D1	7	48-003-014-005-0400 extends 225 feet east of the west property line	2.7	95	175
E1	8	48-003-014-001-0800 begins 275 feet west of the east property line	1.9	70	130
E1	9	48-003-014-001-0600	1.9	70	130
E1	10	48-003-014-001-0530	1.9	70	130
E1	11	48-003-014-001-0520	1.9	70	130
E1	12	48-003-014-001-0510	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 McMillan Township, Luce County

HREAs identified West to East Date of Designation: September 14, 2012

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
E1	13	48-003-014-001-0500	1.9	70	130
F1	14	48-003-017-019-0400 eastern 2,300 feet	1.3	55	95
F1	15	48-003-017-018-0100	1.3	55	95
F1	16	48-003-017-017-0300 western 300 feet	1.3	55	95
F2	16	48-003-017-017-0300 adjacent 300 feet	2.7	95	180
F2	17	48-003-017-017-0395	2.7	95	180
F2	18	48-003-017-017-0390	2.7	95	180
F2	19	48-003-017-017-0385	2.7	95	180
F2	20	48-003-017-017-0380	2.7	95	180
F2	21	48-003-017-017-0375	2.7	95	180
F2	22	48-003-017-017-0370	2.7	95	180
F2	23	48-003-017-017-0360	2.7	95	180
F2	24	48-003-017-017-0350	2.7	95	180
F2	25	48-003-017-017-0340	2.7	95	180
F2	26	48-003-017-017-0330	2.7	95	180
F2	27	48-003-017-017-0320	2.7	95	180
F2	28	48-003-017-017-0310	2.7	95	180

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.

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Parcels in High Risk Erosion Areas of McMillan Township, Luce County

HREAs identified West to East Date of Designation: September 14, 2012

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
F2	29	48-003-017-017-0200 western 200 feet	2.7	95	180
F3	29	48-003-017-017-0200 continuing from the west, adjacent 150 feet; remainder of parcel is not a HREA	1.1	50	80

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

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