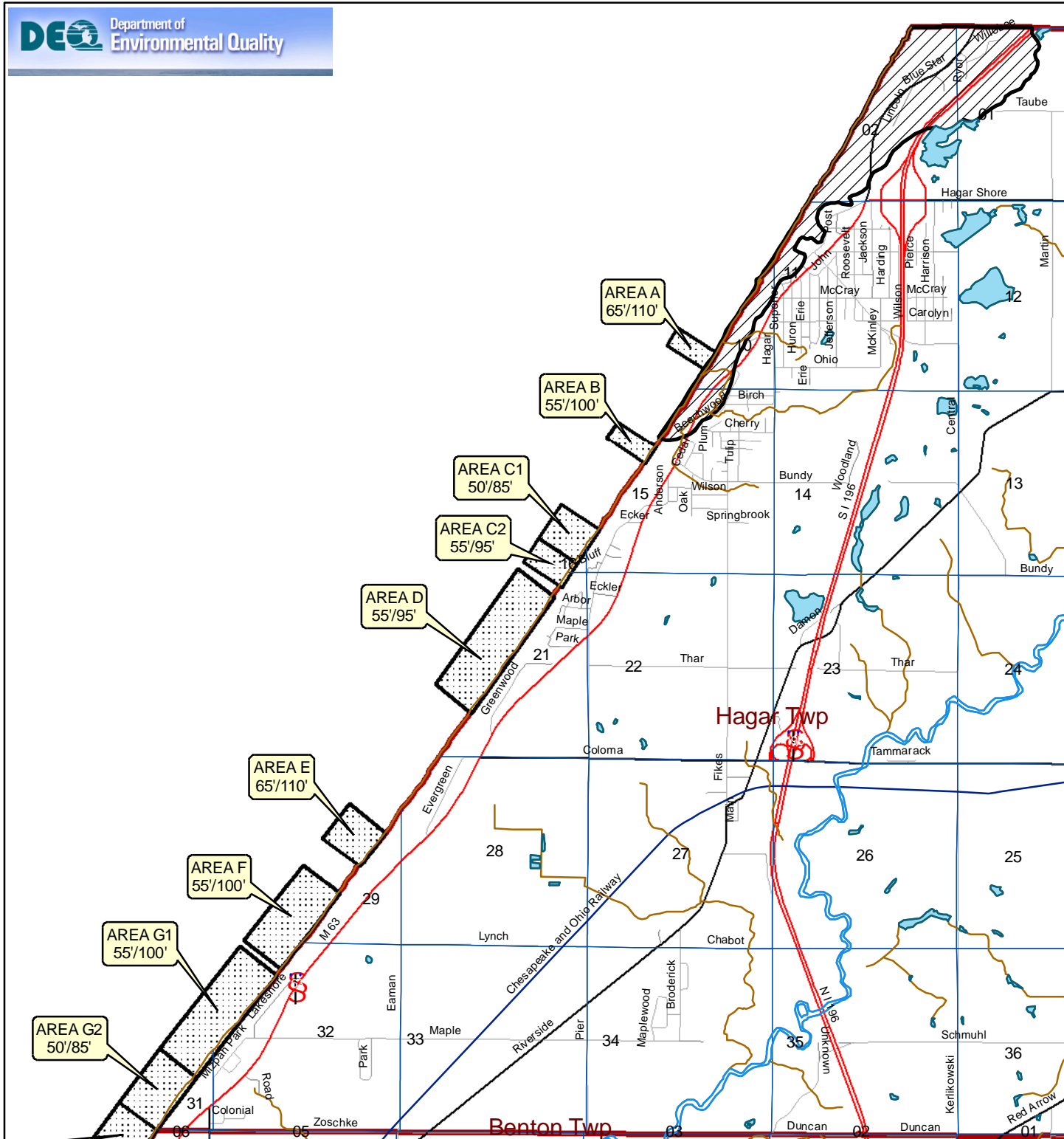
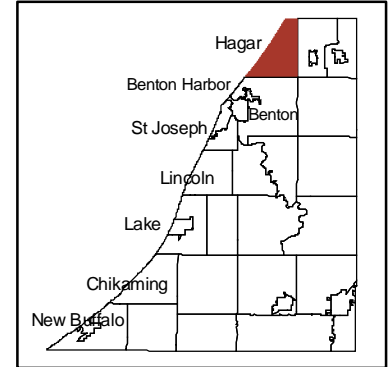


HAGAR TOWNSHIP
T03S, R18W

HIGH RISK EROSION AREAS &
CRITICAL DUNE AREAS

BERRIEN COUNTY



Legend



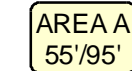
CRITICAL DUNE AREAS

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.



- 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 Hagar 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*
A	1	11-10-0930-0026-00-8	1.6	65	110
A	2	11-10-0930-0025-01-0	1.6	65	110
A	3	11-10-0930-0023-01-7	1.6	65	110
A	4	11-10-0930-0022-01-1	1.6	65	110
B	5	11-10-0015-0011-00-0	1.4	55	100
B	6	11-10-0015-0011-27-1	1.4	55	100
B	7	11-10-0015-0011-14-0	1.4	55	100
B	8	11-10-0015-0011-11-5	1.4	55	100
B	9	11-10-0015-0011-13-1	1.4	55	100
B	10	11-10-0015-0011-38-7	1.4	55	100
C1	11	11-10-0015-0012-02-2	1.2	50	85
C1	12	11-10-0015-0014-00-9	1.2	50	85
C1	13	11-10-0015-0013-00-2	1.2	50	85
C1	14	11-10-0015-0016-00-1	1.2	50	85
C1	15	11-10-0015-0015-00-5	1.2	50	85
C1	16	11-10-1230-0120-00-5	1.2	50	85
C1	16.1	11-10-1230-0132-00-3	1.2	50	85
C1	16.21	11-10-1230-0130-00-1	1.2	50	85
C1	17	11-10-0015-0009-05-6	1.2	50	85

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 Field Operations Support Section, Water Resources Division, EGLE in Lansing or the local EGLE field office for assistance.

Parcels in High Risk Erosion Areas of Hagar 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*
C2	18	11-10-0015-0009-02-1	1.3	55	95
C2	19	11-10-0021-0016-01-4	1.3	55	95
C2	20	11-10-1140-0016-00-4	1.3	55	95
C2	21	11-10-1140-0017-00-1	1.3	55	95
C2	22	11-10-1140-0013-01-3	1.3	55	95
C2	22.9	11-10-1140-0012-06-0	1.3	55	95
C2	23	11-10-1140-0012-03-0	1.3	55	95
C2	23.1	11-10-1140-0012-07-0	1.3	55	95
C2	24	11-10-1140-0013-03-0	1.3	55	95
C2	25	11-10-6010	1.3	55	95
D	26	11-10-0021-0014-01-1	1.3	55	95
D	27	11-10-0021-0012-01-9	1.3	55	95
D	28	11-10-0021-0021-05-1	1.3	55	95
D	29	11-10-0810-0001-01-2	1.3	55	95
D	30	11-10-0800-0018-00-7	1.3	55	95
D	31	11-10-0021-0010-02-4	1.3	55	95
D	32	11-10-0021-0010-01-6	1.3	55	95
D	33	11-10-0021-0009-01-8	1.3	55	95
D	34	11-10-0021-0009-02-6	1.3	55	95

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Parcels in High Risk Erosion Areas of Hagar 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*
D	35	11-10-2660-0001-01-7	1.3	55	95
D	36	11-10-2660-0003-01-0	1.3	55	95
D	37	11-10-2660-0006-01-0	1.3	55	95
D	40	11-10-2660-0009-00-0	1.3	55	95
D	41	11-10-2660-0010-00-8	1.3	55	95
D	42	11-10-2660-0012-00-1	1.3	55	95
D	43	11-10-2660-0014-00-3	1.3	55	95
D	44	11-10-2660-0016-00-6	1.3	55	95
D	45	11-10-2660-0018-00-9	1.3	55	95
D	46	11-10-2660-0020-00-3	1.3	55	95
D	47	11-10-2660-0022-01-4	1.3	55	95
D	48	11-10-2660-0024-00-9	1.3	55	95
D	49	11-10-2670-0026-00-9	1.3	55	95
D	50	11-10-2670-0029-00-8	1.3	55	95
D	51	11-10-2670-0031-01-1	1.3	55	95
D	52	11-10-2670-0032-01-7	1.3	55	95
E	52.9	11-10-0100-0004-00-1	1.6	65	110
E	53	11-10-0029-0005-15-8	1.6	65	110
E	54	11-10-0029-0005-03-4	1.6	65	110

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Parcels in High Risk Erosion Areas of Hagar 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*
E	55	11-10-0100-0017-00-6	1.6	65	110
E	55.1	11-10-0100-0016-00-0	1.6	65	110
E	55.2	11-10-0100-0015-00-3	1.6	65	110
E	55.3	11-10-0100-0014-00-7	1.6	65	110
E	55.4	11-10-0100-0013-00-1	1.6	65	110
E	56	11-10-0029-0003-07-4	1.6	65	110
E	57	11-10-0029-0003-05-8	1.6	65	110
F	58	11-10-1180-0008-00-1	1.4	55	100
F	59	11-10-1180-0007-00-4	1.4	55	100
F	60	11-10-1180-0006-00-8	1.4	55	100
F	61	11-10-1180-0005-00-1	1.4	55	100
F	62	11-10-1180-0004-00-5	1.4	55	100
F	63	11-10-1180-0003-00-9	1.4	55	100
F	64	11-10-1180-0001-01-4	1.4	55	100
F	65.1	11-10-0029-0001-12-0	1.4	55	100
F	65.2	11-10-0029-0001-13-0	1.4	55	100
F	65.3	11-10-0029-0001-14-0	1.4	55	100
F	66	11-10-0029-0001-03-9	1.4	55	100
F	67	11-10-0032-0017-01-6	1.4	55	100

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Parcels in High Risk Erosion Areas of Hagar 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*
F	68	11-10-0032-0017-00-8	1.4	55	100
F	69	11-10-0032-0011-10-7	1.4	55	100
F	70	11-10-0032-0011-11-5	1.4	55	100
F	71	11-10-4640-0029-00-7	1.4	55	100
F	72	11-10-4640-0028-00-1	1.4	55	100
G1	73	11-10-4640-0020-01-8	1.4	55	100
G1	74	11-10-4640-0018-00-5	1.4	55	100
G1	75	11-10-4640-0017-00-9	1.4	55	100
G1	76	11-10-4640-0016-00-2	1.4	55	100
G1	77	11-10-4640-0015-00-6	1.4	55	100
G1	78	11-10-4640-0014-00-0	1.4	55	100
G1	79	11-10-4640-0012-00-7	1.4	55	100
G1	80	11-10-4640-0009-00-6	1.4	55	100
G1	81	11-10-4640-0007-01-1	1.4	55	100
G1	82	11-10-4640-0005-00-1	1.4	55	100
G1	83	11-10-4640-0004-01-2	1.4	55	100
G1	84	11-10-4640-0001-03-0	1.4	55	100
G1	85	11-10-4640-0001-02-1	1.4	55	100
G1	86	11-10-0032-0015-03-0	1.4	55	100

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Parcels in High Risk Erosion Areas of Hagar 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*
G1	87	11-10-0032-0015-02-1	1.4	55	100
G1	88	11-10-0032-0015-00-5	1.4	55	100
G1	89.2	11-10-5030-0043-00-0	1.4	55	100
G1	89.21	11-10-5030-0040-00-1	1.4	55	100
G1	89.22	11-10-5030-0037-00-0	1.4	55	100
G1	90	11-10-5030-0033-00-4	1.4	55	100
G1	91	11-10-5030-0028-00-1	1.4	55	100
G1	92	11-10-5030-0023-00-9	1.4	55	100
G1	93	11-10-5030-0020-00-0	1.4	55	100
G1	94	11-10-5030-0018-00-5	1.4	55	100
G1	95	11-10-5030-0015-00-6	1.4	55	100
G1	96	11-10-5030-0013-00-3	1.4	55	100
G1	97	11-10-5030-0009-00-6	1.4	55	100
G1	98	11-10-5030-0005-01-9	1.4	55	100
G1	99	11-10-5030-0001-01-3	1.4	55	100
G1	100	11-10-0031-0001-01-4	1.4	55	100
G1	101	11-10-0031-0002-02-9	1.4	55	100
G1	102	11-10-4830-0011-01-4	1.4	55	100
G2	103	11-10-4830-0013-02-5	1.2	50	85

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Parcels in High Risk Erosion Areas of Hagar 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*
G2	104	11-10-4830-0016-00-8	1.2	50	85
G2	105	11-10-4830-0019-00-7	1.2	50	85
G2	106	11-10-4830-0021-00-1	1.2	50	85
G2	107	11-10-4830-0023-00-4	1.2	50	85
G2	108	11-10-0031-0004-03-0	1.2	50	85
G2	109	11-10-0031-0004-11-1	1.2	50	85
G2	110	11-10-0031-0004-12-9	1.2	50	85
G2	111	11-10-0031-0004-13-7	1.2	50	85
G2	112	11-10-0031-0004-17-0	1.2	50	85
G2	113	11-10-0031-0004-16-1	1.2	50	85
G2	114	11-10-0031-0004-15-3	1.2	50	85

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