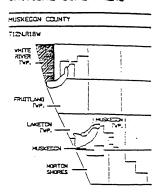


WHITZ RIVER TOWNSHIP

HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS



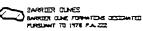
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HREAs identified North to South Date of Designation: December 20, 1993

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C1	1	61-01-180-000-0001-00	1.8	70	125
C1	2	61-01-180-000-0002-00	1.8	70	125
C1	3	61-01-180-000-0003-00	1.8	70	125
C1	4	61-01-180-000-0004-00	1.8	70	125
C1	5	61-01-180-000-0005-00	1.8	70	125
C1	6	61-01-180-000-0006-00	1.8	70	125
C1	7	61-01-180-000-0007-00	1.8	70	125
C1	8	61-01-180-000-0008-00	1.8	70	125
C1	9	61-01-180-000-0009-00	1.8	70	125
C1	10	61-01-180-000-0010-00	1.8	70	125
C1	11	61-01-180-000-0011-00	1.8	70	125
C1	12	61-01-104-200-0002-00	1.8	70	125
C1	13	61-01-104-400-0001-00	1.8	70	125
C1	13.1	61-01-104-400-0002-00	1.8	70	125
C1	13.11	61-01-104-400-0003-00	1.8	70	125
C1	14	61-01-104-400-0004-00	1.8	70	125
C1	15	61-01-104-400-0005-00	1.8	70	125
C1	16	61-01-104-400-0006-00	1.8	70	125
C1	17	61-01-104-400-0007-00 Meinert Park	1.8	70	125

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

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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*
C1	18	61-01-110-100-0001-00 Meinert Park	1.8	70	125
C1	19	61-01-560-000-0001-00	1.8	70	125
C1	20	61-01-560-000-0002-00	1.8	70	125
B1	28	61-01-560-000-0024-10 61-01-560-000-0024-10	1.3	55	95
B1	29	61-01-560-000-0024-00	1.3	55	95
B1	29.2	61-01-562-000-0042-00	1.3	55	95
B1	30	61-01-560-000-0025-10	1.3	55	95
B1	30.2	61-01-562-000-0041-00	1.3	55	95
B1	31	61-01-560-000-0025-00 61-01-560-000-0024-10 61-01-560-000-0025-00	1.3	55	95
B1	31.2	61-01-562-000-0040-00	1.3	55	95
B1	32	61-01-560-000-0026-00	1.3	55	95
B1	32.2	61-01-562-000-0039-00	1.3	55	95
B1	33	61-01-560-000-0026-10	1.3	55	95
B1	33.2	61-01-562-000-0038-00	1.3	55	95
B1	34	61-01-561-000-0027-00	1.3	55	95
B1	34.2	61-01-562-000-0037-00	1.3	55	95
B1	35	61-01-561-000-0028-00	1.3	55	95

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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*
B1	35.2	61-01-562-000-0036-00	1.3	55	95
B1	36	61-01-561-000-0029-00	1.3	55	95
B1	36.2	61-01-562-000-0035-00	1.3	55	95
B1	37	61-01-561-000-0030-00	1.3	55	95
B1	37.2	61-01-562-000-0034-00	1.3	55	95
B1	38	61-01-565-000-0000-00 Lost Valley Condos	1.3	55	95
B1	38.01	61-01-565-000-0001-00 Lost Valley Condos	1.3	55	95
B1	38.21	61-01-562-000-0033-00	1.3	55	95
B1	38.22	61-01-110-300-0007-14	1.3	55	95
B1	39	61-01-115-100-0001-00	1.3	55	95
B1	40	61-01-115-100-0002-00	1.3	55	95
B1	41	61-01-115-100-0007-00	1.3	55	95
B1	42	61-01-115-100-0011-00	1.3	55	95
B1	43	61-01-115-100-0014-00	1.3	55	95
B1	44	61-01-115-100-0015-00	1.3	55	95
B1	45	61-01-115-100-0016-00	1.3	55	95
B1	46	61-01-115-100-0017-00	1.3	55	95
B1	47	61-01-115-100-0019-00	1.3	55	95

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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*
B1	48	61-01-115-100-0020-00	1.3	55	95
B1	49	61-01-115-100-0021-00	1.3	55	95
B2	50	61-01-555-000-0003-00	5.5	180	345
B2	50.2	61-01-555-000-0004-00	5.5	180	345
B2	51	61-01-555-000-0003-10	5.5	180	345
B2	52	61-01-555-000-0002-00	5.5	180	345
B2	52.2	61-01-555-000-0001-10	5.5	180	345
B2	53	61-01-555-000-0001-00	5.5	180	345
B2	54	61-01-330-000-0034-00 Gray Dunes	5.5	180	345
B2	55	61-01-330-000-0033-00	5.5	180	345
B2	56	61-01-330-000-0033-10	5.5	180	345
B2	57	61-01-330-000-0001-10	5.5	180	345
B2	58	61-01-330-000-0030-10	5.5	180	345
B2	58.9	61-01-330-000-0031-00	5.5	180	345
B2	59	61-01-330-000-0030-00	5.5	180	345
B2	60	61-01-330-000-0029-00	5.5	180	345
B2	61	61-01-330-000-0027-00	5.5	180	345
B2	62	61-01-330-000-0026-00	5.5	180	345
B2	63	61-01-330-000-0025-00	5.5	180	345

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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*
B2	64	61-01-330-000-0023-00	5.5	180	345
В3	65	61-01-330-000-0022-00	2.0	75	135
В3	66	61-01-330-000-0021-00	2.0	75	135
В3	67	61-01-330-000-0018-00	2.0	75	135
В3	68	61-01-330-000-0017-00	2.0	75	135
В3	69	61-01-330-000-0016-00	2.0	75	135
В3	70	61-01-330-000-0001-00	2.0	75	135
В3	71	61-01-330-000-0002-00	2.0	75	135
В3	72	61-01-330-000-0003-00	2.0	75	135
В3	73	61-01-330-000-0004-00	2.0	75	135
В3	74	61-01-330-000-0011-00	2.0	75	135
В3	75	61-01-330-000-0010-00	2.0	75	135
В3	76	61-01-330-000-0009-00	2.0	75	135
В3	77	61-01-330-000-0008-00	2.0	75	135
В3	78	61-01-330-000-0007-00	2.0	75	135
В3	79	61-01-122-200-0001-00 White River Beach	2.0	75	135
В3	79.1	61-01-122-200-0001-26	2.0	75	135
В3	79.11	61-01-122-200-0001-25	2.0	75	135
В3	79.12	61-01-122-200-0001-24	2.0	75	135

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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*
В3	79.13	61-01-122-200-0001-23	2.0	75	135
В3	79.14	61-01-122-200-0001-22	2.0	75	135
В3	79.15	61-01-122-200-0001-16	2.0	75	135
В3	79.16	61-01-122-200-0001-15	2.0	75	135
В3	79.17	61-01-122-200-0001-14	2.0	75	135
В3	79.18	61-01-122-200-0001-13	2.0	75	135
В3	79.19	61-01-122-200-0001-12	2.0	75	135
В3	79.191	61-01-122-200-0001-11	2.0	75	135
В3	79.192	61-01-122-200-0001-10	2.0	75	135
В3	79.193	61-01-122-200-0001-09	2.0	75	135
В3	79.194	61-01-122-200-0001-08	2.0	75	135
В3	79.195	61-01-122-200-0001-03	2.0	75	135
В3	79.196	61-01-122-200-0001-02	2.0	75	135
В3	79.197	61-01-122-200-0001-01	2.0	75	135
В3	79.2	61-01-122-200-0001-17	2.0	75	135
В3	79.21	61-01-122-200-0001-19	2.0	75	135
В3	79.22	61-01-122-200-0001-18	2.0	75	135
В3	79.23	61-01-122-200-0001-06	2.0	75	135
В3	79.24	61-01-122-200-0001-05	2.0	75	135
В3	79.25	61-01-122-200-0001-04	2.0	75	135

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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*
В3	79.3	61-01-122-200-0001-20	2.0	75	135
В3	79.4	61-01-122-200-0001-27	2.0	75	135
В3	81	61-01-122-200-0006-00	2.0	75	135
В3	82	61-01-122-200-0007-00	2.0	75	135
В3	83	61-01-860-000-0001-00 Whispering Sands	2.0	75	135
В3	84	61-01-860-000-0003-00	2.0	75	135
В3	85	61-01-860-000-0004-00	2.0	75	135
В3	86	61-01-860-000-0005-00	2.0	75	135
В3	86.1	61-01-122-200-0008-00	2.0	75	135
В3	87	61-01-122-200-0009-00	2.0	75	135
В3	88	61-01-122-200-0010-00	2.0	75	135
В3	89	61-01-122-200-0011-00	2.0	75	135
В3	90	61-01-860-000-0020-00	2.0	75	135
В3	91	61-01-860-000-0019-00	2.0	75	135
A1	92	61-01-127-200-0001-00	1.9	70	130
A2	93	61-01-127-400-0001-00	3.8	130	245
A2	94	61-01-127-400-0002-00	3.8	130	245
A2	95	61-01-126-300-0009-00	3.8	130	245
A2	96	61-01-126-300-0010-00	3.8	130	245

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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	97	61-01-135-100-0001-00	3.8	130	245
A2	98	61-01-135-100-0002-00	3.8	130	245
A2	99	61-01-135-100-0003-00	3.8	130	245
A2	100	61-01-135-100-0004-00	3.8	130	245
A2	101	61-01-135-100-0005-00	3.8	130	245
A2	103	61-01-135-100-0006-00	3.8	130	245
A2	104	61-01-135-100-0007-00	3.8	130	245
A2	105	61-01-135-100-0008-00	3.8	130	245
A2	106	61-01-135-100-0009-00	3.8	130	245
A2	107	61-01-135-100-0010-00	3.8	130	245
A2	108	61-01-135-100-0011-00	3.8	130	245
A2	109	61-01-135-100-0012-00	3.8	130	245
A2	110	61-01-135-100-0013-00	3.8	130	245
A2	111	61-01-135-100-0014-00	3.8	130	245
A2	112	61-01-135-100-0015-00	3.8	130	245
A2	113	61-01-135-100-0016-00	3.8	130	245
A2	114	61-01-135-100-0017-00	3.8	130	245
A2	115	61-01-135-100-0018-00	3.8	130	245
A2	116	61-01-135-100-0019-00	3.8	130	245
A2	117	61-01-135-100-0020-00	3.8	130	245

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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*
А3	118	61-01-135-300-0001-00	5.5	180	345
A3	119	61-01-135-300-9991-00 Yin Yang Association	5.5	180	345
А3	119.1	61-01-135-300-0005-00	5.5	180	345
А3	119.11	61-01-135-300-0006-00	5.5	180	345
А3	119.2	61-01-135-300-0002-00	5.5	180	345
А3	119.21	61-01-135-300-0004-00	5.5	180	345
А3	119.3	61-01-135-300-0003-00	5.5	180	345
А3	120	61-01-135-300-0010-00	5.5	180	345
А3	121	61-01-135-300-0009-00	5.5	180	345
А3	122	61-01-135-300-0011-00	5.5	180	345
A3	123	61-01-135-400-0001-00 northern 230 feet	5.5	180	345
A4	123	61-01-135-400-0001-00 southern 125 feet	3.7	125	235
A4	124	61-01-135-300-0012-00	3.7	125	235
A4	125	61-01-135-300-0013-00	3.7	125	235
A4	126	61-01-135-300-0014-00	3.7	125	235
A4	127	61-01-135-300-0015-00	3.7	125	235
A4	128	61-01-135-300-0016-00	3.7	125	235
A4	129	61-01-135-300-0017-00	3.7	125	235

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HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A4	130	61-01-135-300-0018-00	3.7	125	235
A4	131	61-01-525-000-0000-00 Lakeshore Dune Condos	3.7	125	235
A4	131.1	61-01-525-000-0005-00	3.7	125	235
A4	131.11	61-01-525-000-0006-00	3.7	125	235
A4	131.12	61-01-525-000-0007-00	3.7	125	235
A4	131.13	61-01-525-000-0008-00	3.7	125	235
A4	131.14	61-01-525-000-0009-00	3.7	125	235
A4	131.15	61-01-525-000-0010-00	3.7	125	235
A4	131.2	61-01-525-000-0004-00	3.7	125	235
A4	131.21	61-01-525-000-0011-00	3.7	125	235
A4	131.3	61-01-525-000-0003-00	3.7	125	235
A4	131.31	61-01-525-000-0012-00	3.7	125	235
A4	131.4	61-01-525-000-0002-00	3.7	125	235
A4	131.41	61-01-525-000-0013-00	3.7	125	235
A4	131.5	61-01-525-000-0001-00	3.7	125	235
A4	131.51	61-01-525-000-0015-00	3.7	125	235
A4	131.52	61-01-525-000-0014-00	3.7	125	235
A4	132	61-01-135-300-0021-00	3.7	125	235

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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.

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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*
A5	133	61-01-640-000-0001-10 New White Haven	2.2	80	145
A5	134	61-01-640-000-0001-00	2.2	80	145
A5	135	61-01-640-000-0002-00	2.2	80	145
A5	136	61-01-640-000-0003-00	2.2	80	145
A5	136.2	61-01-640-000-0005-00	2.2	80	145
A5	137	61-01-640-000-0008-00	2.2	80	145
A5	137.2	61-01-640-000-0007-00	2.2	80	145
A5	138	61-01-640-000-0010-00	2.2	80	145
A5	139	61-01-640-000-0011-00	2.2	80	145
A5	140	61-01-640-000-0012-00	2.2	80	145
A5	140.2	61-01-640-000-0018-00	2.2	80	145
A5	140.21	61-01-640-000-0019-00	2.2	80	145
A5	141	61-01-640-000-0015-00	2.2	80	145
A5	143	61-01-002-100-0004-00	2.2	80	145
A5	144	61-01-002-100-0005-00	2.2	80	145
A5	145	61-01-002-100-0006-00	2.2	80	145
A5	146	61-01-002-100-0007-00	2.2	80	145
A5	147	61-01-002-100-0008-00	2.2	80	145
A5	148	61-01-002-100-0009-00	2.2	80	145

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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*
A5	149	61-01-002-100-0010-00	2.2	80	145
A5	150	61-01-002-100-0011-00	2.2	80	145
A5	151	61-01-002-300-0001-00	2.2	80	145

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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.

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