HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	1	70-11-04-105-001	2.6	95	170
A1	2	70-11-04-105-002	2.6	95	170
A1	3	70-11-04-101-016	2.6	95	170
A1	4	70-11-04-101-017	2.6	95	170
A1	5	70-11-04-101-018	2.6	95	170
A1	6	70-11-04-101-028	2.6	95	170
A1	7	70-11-04-101-021	2.6	95	170
A1	8	70-11-04-101-022	2.6	95	170
A1	9	70-11-04-101-023	2.6	95	170
A1	10	70-11-04-101-024	2.6	95	170
A1	11	70-11-04-122-001	2.6	95	170
A1	12	70-11-04-122-002	2.6	95	170
A1	13	70-11-04-122-003	2.6	95	170
A1	14	70-11-04-122-004	2.6	95	170
A1	15	70-11-04-122-005	2.6	95	170
A1	16	70-11-04-122-006	2.6	95	170
A1	17	70-11-04-122-015	2.6	95	170
A1	18	70-11-04-122-016	2.6	95	170
A1	20	70-11-04-176-021	2.6	95	170

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.

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	21	70-11-04-176-010	2.6	95	170
A1	22	70-11-04-176-016	2.6	95	170
A1	23	70-11-04-176-018	2.6	95	170
A1	24	70-11-04-176-014	2.6	95	170
A1	25	70-11-04-176-020	2.6	95	170
A1	26	70-11-04-176-003	2.6	95	170
A1	27	70-11-04-176-004	2.6	95	170
A1	28	70-11-04-176-005	2.6	95	170
A1	29	70-11-04-176-006	2.6	95	170
A1	30	70-11-04-176-007	2.6	95	170
A1	31	70-11-04-176-008	2.6	95	170
A1	32	70-11-04-185-008	2.6	95	170
A1	33	70-11-04-185-009	2.6	95	170
A1	34	70-11-04-185-002	2.6	95	170
A1	35	70-11-04-185-003	2.6	95	170
B1	72	70-11-09-100-038	1.2	50	85
B1	73	70-11-09-100-037	1.2	50	85
B1	74	70-11-09-100-022 Olive Shores	1.2	50	85
B1	75	70-11-09-100-033	1.2	50	85

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
B1	76	70-11-09-100-032	1.2	50	85
B1	77	70-11-09-100-024	1.2	50	85
B1	78	70-11-09-100-025	1.2	50	85
B1	79	70-11-09-100-026	1.2	50	85
B1	80	70-11-09-300-001	1.2	50	85
B1	81	70-11-09-300-024	1.2	50	85
B1	82	70-11-09-300-051	1.2	50	85
B1	83	70-11-09-300-033	1.2	50	85
B1	84	70-11-09-300-036	1.2	50	85
B1	85	70-11-09-300-056	1.2	50	85
B1	86	70-11-09-300-040	1.2	50	85
B1	87	70-11-09-300-062	1.2	50	85
B1	88	70-11-09-300-010	1.2	50	85
B1	89	70-11-09-300-011	1.2	50	85
B1	90	70-11-09-300-064	1.2	50	85
B1	91	70-11-09-300-041	1.2	50	85
B1	92	70-11-09-300-066	1.2	50	85
B1	93	70-11-09-300-046	1.2	50	85
B1	94	70-11-09-300-017	1.2	50	85
B1	95	70-11-09-300-018	1.2	50	85

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
B1	96	70-11-09-300-019	1.2	50	85
B1	97	70-11-09-300-052	1.2	50	85
B1	97.01	70-11-09-300-053	1.2	50	85
B1	97.02	70-11-09-300-054	1.2	50	85
B1	97.03	70-11-09-300-055	1.2	50	85
B1	99	70-11-09-300-050	1.2	50	85
B1	100	70-11-09-300-021	1.2	50	85
B1	101	70-11-16-100-001	1.2	50	85
B1	102	70-11-16-200-004 Windsnest Park	1.2	50	85
B1	103	70-11-16-176-019	1.2	50	85
B1	104	70-11-16-176-003	1.2	50	85
B1	105	70-11-16-176-004	1.2	50	85
C1	106	70-11-21-149-015	1.6	65	110
C1	108	70-11-21-149-007	1.6	65	110
C1	109	70-11-21-149-008	1.6	65	110
C1	110	70-11-21-149-009	1.6	65	110
C1	111	70-11-21-149-010	1.6	65	110
C1	112	70-11-21-149-011	1.6	65	110
C1	113	70-11-21-149-013	1.6	65	110

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C1	114	70-11-21-149-014	1.6	65	110
C1	115	70-11-21-194-001	1.6	65	110
C1	116	70-11-21-194-002	1.6	65	110
C1	117	70-11-21-194-003	1.6	65	110
C1	118	70-11-21-194-004	1.6	65	110
C1	119	70-11-21-194-005	1.6	65	110
C1	120	70-11-21-194-006	1.6	65	110
C1	121	70-11-21-194-007	1.6	65	110
C1	122	70-11-21-196-001	1.6	65	110
C1	123	70-11-21-196-012	1.6	65	110
C1	123	70-11-21-196-013	1.6	65	110
C2	124	70-11-21-196-003	3.7	125	235
C2	125	70-11-21-196-010	3.7	125	235
C2	126	70-11-21-196-011	3.7	125	235
C2	127	70-11-21-196-005	3.7	125	235
C2	128	70-11-21-196-006	3.7	125	235
C2	130	70-11-21-197-015	3.7	125	235
C2	130.2	70-11-21-197-006	3.7	125	235
C2	130.21	70-11-21-197-007	3.7	125	235
C2	130.22	70-11-21-197-009	3.7	125	235

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C2	130.23	70-11-21-197-010	3.7	125	235
C2	131	70-11-21-300-001	3.7	125	235
C2	132	70-11-21-400-103	3.7	125	235
C2	132.01	70-11-21-400-104	3.7	125	235
C2	134	70-11-21-390-052	3.7	125	235
C2	135	70-11-21-390-036	3.7	125	235
C2	136	70-11-21-390-003	3.7	125	235
C2	137	70-11-21-390-004	3.7	125	235
C2	138	70-11-21-390-005	3.7	125	235
C2	139	70-11-21-390-006	3.7	125	235
C2	140	70-11-21-390-007	3.7	125	235
C2	141	70-11-21-390-008	3.7	125	235
C2	142	70-11-21-390-009	3.7	125	235
C2	143	70-11-21-390-010	3.7	125	235
C2	144	70-11-21-390-011	3.7	125	235
C2	145	70-11-21-390-012	3.7	125	235
C2	146	70-11-21-390-013	3.7	125	235
C2	147	70-11-21-390-030	3.7	125	235
C2	148	70-11-21-390-031	3.7	125	235
C2	149	70-11-21-390-027	3.7	125	235

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C2	150	70-11-21-390-020	3.7	125	235
C2	151	70-11-21-390-040	3.7	125	235
C2	152	70-11-21-390-039	3.7	125	235
C2	153	70-11-21-390-049	3.7	125	235
C2	154	70-11-21-390-050	3.7	125	235
C2	154.01	70-11-21-390-054	3.7	125	235
C2	155	70-11-28-100-035	3.7	125	235
C2	156	70-11-28-100-003	3.7	125	235
C2	157	70-11-28-100-004	3.7	125	235
C2	158	70-11-28-100-033	3.7	125	235
C2	159	70-11-28-100-006	3.7	125	235
C2	160	70-11-28-100-007	3.7	125	235
C2	161	70-11-28-100-008	3.7	125	235
C2	162	70-11-28-100-009	3.7	125	235
C2	164	70-11-28-100-032	3.7	125	235
C2	165	70-11-28-100-044	3.7	125	235
C2	166	70-11-28-100-045	3.7	125	235
C2	167	70-11-28-100-012	3.7	125	235
C2	168	70-11-28-100-014	3.7	125	235
C2	169	70-11-28-100-041	3.7	125	235

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C2	169.01	70-11-28-100-042	3.7	125	235
C3	170	70-11-28-100-018	1.3	55	95
C3	171	70-11-28-100-019	1.3	55	95
С3	172	70-11-28-100-020	1.3	55	95
С3	173	70-11-28-100-021	1.3	55	95
C3	174	70-11-28-100-022	1.3	55	95
С3	175	70-11-28-100-023	1.3	55	95
C3	176	70-11-28-100-024	1.3	55	95
C3	177	70-11-28-100-025	1.3	55	95
C3	178	70-11-28-300-001	1.3	55	95
С3	179	70-11-28-300-032	1.3	55	95
C3	179.01	70-11-28-300-033	1.3	55	95
C3	179.02	70-11-28-300-034	1.3	55	95
C3	180	70-11-28-300-025	1.3	55	95
C3	181	70-11-28-300-036	1.3	55	95
С3	182	70-11-28-300-005	1.3	55	95
С3	183	70-11-28-300-006	1.3	55	95
С3	184	70-11-28-300-007	1.3	55	95
С3	185	70-11-28-300-008	1.3	55	95
C3	186	70-11-28-300-009	1.3	55	95

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C3	187	70-11-28-300-010	1.3	55	95
C3	188	70-11-28-300-011	1.3	55	95
C3	189	70-11-28-300-012	1.3	55	95
C3	190	70-11-28-300-013	1.3	55	95
C3	191	70-11-28-300-014	1.3	55	95
C3	192	70-11-28-300-015	1.3	55	95
C3	193	70-11-28-300-016	1.3	55	95
C3	194	70-11-28-300-017	1.3	55	95
C3	195	70-11-28-300-018	1.3	55	95
C3	196	70-11-28-300-019	1.3	55	95
C3	197	70-11-28-300-020	1.3	55	95
C3	198	70-11-28-300-035	1.3	55	95
C3	201	70-11-33-100-001 Kouw Park	1.3	55	95
C3	202	70-11-33-100-002	1.3	55	95
C3	203	70-11-33-100-003	1.3	55	95
C3	204	70-11-33-100-004	1.3	55	95
C3	205	70-11-33-100-005	1.3	55	95
C3	206	70-11-33-100-007	1.3	55	95
C3	207	70-11-33-100-006	1.3	55	95

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C4	208	70-11-33-100-008	1.3	90	165
C4	209	70-11-33-100-009	1.3	90	165
C4	210	70-11-33-100-010	1.3	90	165
C4	211	70-11-33-100-043	1.3	90	165
C4	213	70-11-33-100-031	1.3	90	165
C4	214	70-11-33-100-044	1.3	90	165
C4	215	70-11-33-100-015	1.3	90	165
C4	216	70-11-33-100-016	1.3	90	165
C4	217	70-11-33-100-017	1.3	90	165
C4	218	70-11-33-100-018	1.3	90	165
C4	219	70-11-33-100-019	1.3	90	165
C4	220	70-11-33-100-020	1.3	90	165
C4	221	70-11-33-100-032	1.3	90	165
C4	222	70-11-33-100-033	1.3	90	165
C4	223	70-11-33-100-034	1.3	90	165
C4	224	70-11-33-100-047	1.3	90	165
C4	225	70-11-33-100-048	1.3	90	165
C4	226	70-11-33-100-046	1.3	90	165
C4	227	70-11-33-349-001	1.3	90	165
C4	228	70-11-33-349-002	1.3	90	165

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C4	229	70-11-33-349-003	1.3	90	165
C4	230	70-11-33-349-004	1.3	90	165
C4	231	70-11-33-349-005	1.3	90	165
C4	232	70-11-33-349-006	1.3	90	165
C4	233	70-11-33-349-007	1.3	90	165
C4	234	70-11-33-349-008	1.3	90	165
C4	235	70-11-33-349-009	1.3	90	165
C4	236	70-11-33-349-034	1.3	90	165
C4	237	70-11-33-349-012	1.3	90	165
C4	238	70-11-33-349-013	1.3	90	165
C4	239	70-11-33-349-032	1.3	90	165
C4	240	70-11-33-349-033	1.3	90	165
C4	241	70-11-33-349-015	1.3	90	165
C4	242	70-11-33-349-016	1.3	90	165
C4	243	70-11-33-349-017	1.3	90	165
C4	244	70-11-33-349-018	1.3	90	165
C4	245	70-11-33-349-019	1.3	90	165
C4	246	70-11-33-349-020	1.3	90	165
C4	247	70-11-33-349-021	1.3	90	165
C4	248	70-11-33-349-022	1.3	90	165

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HREAs identified North to South Date of Designation: November 23, 1994

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
C4	249	70-11-33-349-023	1.3	90	165
C4	250	70-11-33-349-024	1.3	90	165
C4	251	70-11-33-349-025	1.3	90	165
C4	252	70-11-33-349-026	1.3	90	165
C4	253	70-11-33-349-035	1.3	90	165
C4	253.01	70-11-33-349-036	1.3	90	165
C4	254	70-11-33-349-028	1.3	90	165
C4	255	70-11-33-349-029	1.3	90	165
C4	256	70-11-33-349-030	1.3	90	165
C4	257	70-11-33-349-031	1.3	90	165

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.

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