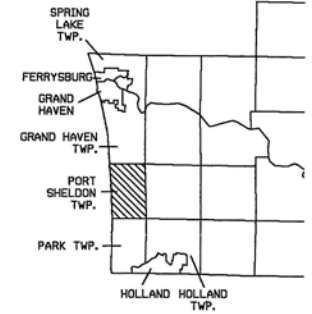


PORT SHELDON TOWNSHIP

HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

OTTAWA COUNTY

T06N, R16W






HIGH RISK EROSION AREAS

THE NUMBER REPRESENTS, IN FEET, THE 30 YEAR PROJECTED RECESSION DISTANCE.
 60' THE NUMBER REPRESENTS, IN FEET, THE 105 YEAR PROJECTED RECESSION DISTANCE.
 105' THE NUMBER REPRESENTS, IN FEET, THE 60 YEAR PROJECTED RECESSION DISTANCE.

HIGH RISK EROSION AREA (shading alongshore)

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

CRITICAL DUNE AREAS

-  BARRIER DUNES
BARRIER DUNE FORMATIONS DESIGNATED PURSUANT TO PART 353, SAND DUNE PROTECTION & MANAGEMENT, OF THE NATURAL RESOURCE & ENVIRONMENTAL PROTECTION ACT 1994 PA 451.
-  AREAS NOT INCLUDED IN DESIGNATED BARRIER DUNE FORMATIONS THAT ARE COMPOSED PRIMARILY OF DUNE SAND AND EXHIBIT SEVERAL DUNE-LIKE CHARACTERISTICS.
-  EXEMPLARY DUNE ASSOCIATED PLANT COMMUNITIES OUTSIDE DESIGNATED DUNE FORMATIONS, MICHIGAN NATURAL FEATURES INVENTORY REFERENCE CODE INDICATED.

SOURCE

STATE OF MICHIGAN RECESSION RATE MAPS & ATLAS OF CRITICAL DUNE AREAS

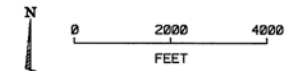
INFORMATION

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
 LAND AND WATER MANAGEMENT DIVISION
 P.O. BOX 30458
 LANSING, MI 48909-7958
 (517) 373-1950

GIS

GREAT LAKES INFORMATION SYSTEM
 MICHIGAN DEPARTMENT OF NATURAL RESOURCES
 LAND AND WATER MANAGEMENT DIVISION

11-15-94
 Amended 03-08-96



Parcels in High Risk Erosion Areas of Port Sheldon Township, Ottawa County

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

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Parcels in High Risk Erosion Areas of Port Sheldon Township, Ottawa County

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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Parcels in High Risk Erosion Areas of Port Sheldon Township, Ottawa County

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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Parcels in High Risk Erosion Areas of Port Sheldon Township, Ottawa County

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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Parcels in High Risk Erosion Areas of Port Sheldon Township, Ottawa County

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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Parcels in High Risk Erosion Areas of Port Sheldon Township, Ottawa County

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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Parcels in High Risk Erosion Areas of Port Sheldon Township, Ottawa County

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
C3	172	70-11-28-100-020	1.3	55	95
C3	173	70-11-28-100-021	1.3	55	95
C3	174	70-11-28-100-022	1.3	55	95
C3	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
C3	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
C3	182	70-11-28-300-005	1.3	55	95
C3	183	70-11-28-300-006	1.3	55	95
C3	184	70-11-28-300-007	1.3	55	95
C3	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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Parcels in High Risk Erosion Areas of Port Sheldon Township, Ottawa County

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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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

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