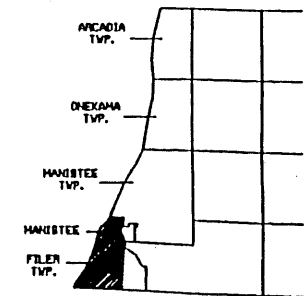


FILER TOWNSHIP

HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

MANISTEE COUNTY



HIGH RISK EROSION AREAS

THE NUMBER REPRESENTS, IN FEET, THE 30 YEAR PROJECTED RECESION DISTANCE.
 100' THE NUMBER REPRESENTS, IN FEET, THE 60 YEAR PROJECTED RECESION DISTANCE.

□ HIGH RISK EROSION AREA (shading alongshore)

THESE AREAS ARE LEGALLY DEFINED BY THE SHORELANDS PROTECTION AND MANAGEMENT ACT, 1978 P.A. 215, AS AMENDED, AS 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 1976 P.A. 222

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 ACT 248 RECESION RATE MAPS & ATLAS OF CRITICAL DUNE AREAS

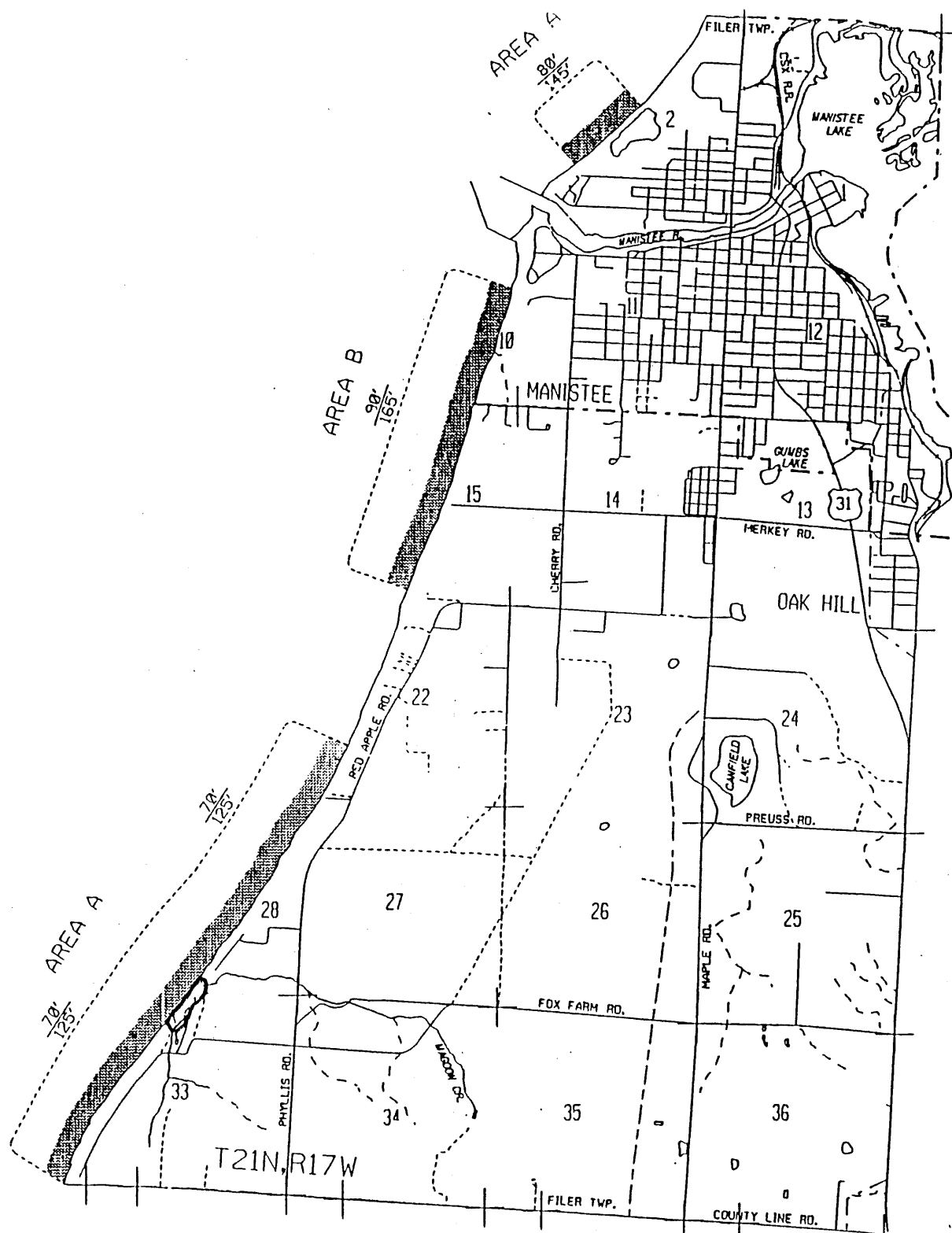
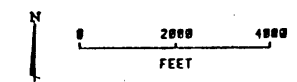
INFORMATION

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
 LAND AND WATER MANAGEMENT DIVISION
 P.O. BOX 30628
 LANSING, MI 48197
 (313) 773-1958

GIS

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

88-83-13



Parcels in High Risk Erosion Areas of Filer Township, Manistee County

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	2	51-06-115-175-01	2.5	90	165
B1	3	51-06-115-175-02	2.5	90	165
B1	4	51-06-115-400-02	2.5	90	165
B1	5	51-06-115-400-06	2.5	90	165
B1	6	51-06-115-400-08	2.5	90	165
B1	7	51-06-115-400-10	2.5	90	165
B1	7.1	51-06-115-400-12	2.5	90	165
B1	7.12	51-06-115-400-15	2.5	90	165
B1	7.2	51-06-115-400-17	2.5	90	165
B1	8	51-06-115-400-20	2.5	90	165
B1	9	51-06-115-450-01	2.5	90	165
B1	9.9	51-06-115-450-10	2.5	90	165
B1	10	51-06-115-450-20	2.5	90	165
A1	11	51-06-541-708-01	1.8	70	125
A1	12	51-06-541-708-03	1.8	70	125
A1	13	51-06-541-708-05	1.8	70	125
A1	14	51-06-541-708-06	1.8	70	125
A1	15	51-06-541-708-07	1.8	70	125
A1	16	51-06-541-709-01	1.8	70	125

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 Filer Township, Manistee County

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*
A1	17	51-06-541-709-03	1.8	70	125
A1	18	51-06-541-709-05	1.8	70	125
A1	19	51-06-541-709-07	1.8	70	125
A1	20	51-06-541-709-09	1.8	70	125
A1	21	51-06-541-710-01	1.8	70	125
A1	22	51-06-541-710-07	1.8	70	125
A1	23	51-06-541-710-09	1.8	70	125
A1	24	51-06-541-710-10	1.8	70	125
A1	25	51-06-127-225-01	1.8	70	125
A1	26	51-06-127-225-12	1.8	70	125
A1	27	51-06-127-225-10	1.8	70	125
A1	28	51-06-127-225-08	1.8	70	125
A1	29	51-06-127-225-02	1.8	70	125
A1	30	51-06-127-225-03	1.8	70	125
A1	31	51-06-127-225-06	1.8	70	125
A1	32	51-06-127-225-15	1.8	70	125
A1	32.2	51-06-127-225-05	1.8	70	125
A1	33	51-06-127-150-01	1.8	70	125
A1	34	51-06-128-175-01	1.8	70	125
A1	35	51-06-128-400-01	1.8	70	125

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Parcels in High Risk Erosion Areas of Filer Township, Manistee County

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*
A1	36	51-06-421-716-07	1.8	70	125
A1	37	51-06-421-720-03	1.8	70	125
A1	38	51-06-421-720-01	1.8	70	125
A1	39	51-06-421-721-01	1.8	70	125
A1	40	51-06-421-721-05	1.8	70	125
A1	41	51-06-421-709-13	1.8	70	125
A1	42	51-06-421-709-11	1.8	70	125
A1	43	51-06-421-709-05	1.8	70	125
A1	44	51-06-421-709-03	1.8	70	125
A1	45	51-06-421-709-01	1.8	70	125
A1	46	51-06-421-708-09	1.8	70	125
A1	47	51-06-421-708-07	1.8	70	125
A1	48	51-06-421-708-05	1.8	70	125
A1	49	51-06-421-708-03	1.8	70	125
A1	50	51-06-421-708-01	1.8	70	125
A1	51	51-06-421-707-09	1.8	70	125
A1	52	51-06-421-707-07	1.8	70	125
A1	53	51-06-421-707-05	1.8	70	125
A1	54	51-06-421-707-03	1.8	70	125
A1	54.9	51-06-421-706-11	1.8	70	125

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Parcels in High Risk Erosion Areas of Filer Township, Manistee County

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*
A1	55	51-06-421-706-09	1.8	70	125
A1	56	51-06-421-706-07	1.8	70	125
A1	57	51-06-421-706-05	1.8	70	125
A1	58	51-06-421-706-03	1.8	70	125
A1	59	51-06-421-706-01	1.8	70	125
A1	60	51-06-421-705-09	1.8	70	125
A1	61	51-06-421-705-07	1.8	70	125
A1	62	51-06-421-705-05	1.8	70	125
A1	63	51-06-421-705-03	1.8	70	125
A1	64	51-06-421-705-01	1.8	70	125
A1	65	51-06-421-704-09	1.8	70	125
A1	66	51-06-421-704-05	1.8	70	125
A1	67	51-06-421-704-03	1.8	70	125
A1	68	51-06-421-704-01	1.8	70	125
A1	69	51-06-421-703-09	1.8	70	125
A1	70	51-06-421-703-05	1.8	70	125
A1	71	51-06-421-703-01	1.8	70	125
A1	72	51-06-421-702-10	1.8	70	125
A1	73	51-06-421-702-09	1.8	70	125
A1	74	51-06-421-702-07	1.8	70	125

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Parcels in High Risk Erosion Areas of Filer Township, Manistee County

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*
A1	75	51-06-421-702-05	1.8	70	125
A1	76	51-06-421-702-01	1.8	70	125
A1	77	51-06-421-701-09	1.8	70	125
A1	78	51-06-421-701-07	1.8	70	125
A1	79	51-06-421-701-05	1.8	70	125
A1	80	51-06-421-701-03	1.8	70	125
A1	81	51-06-421-701-01	1.8	70	125
A1	82	51-06-132-475-10	1.8	70	125

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