

Appendix D

Guidance for Proposals within Michigan's Coastal Nonpoint Boundary

The Coastal Nonpoint Pollution Control Program, established by Section 6217 of the federal Coastal Zone Act Reauthorization Amendments, addresses nonpoint source (NPS) pollution in coastal waters. Section 6217 requires coastal states and territories to develop Coastal Nonpoint Pollution Control Programs. Each program describes how a state or territory will implement nonpoint source pollution controls within the coastal boundary. The Coastal Nonpoint Program is administered jointly by the United States Environmental Protection Agency and the National Oceanic and Atmospheric Administration.

As a condition of Michigan's Coastal Nonpoint Program, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has agreed to complete specific activities within Michigan's Coastal Nonpoint Boundary (Figure 1.) and require additional elements in EGLE-funded new or updated watershed management plans within the boundary. A shapefile of the boundary area or assistance determining watersheds within the boundary is available from Peter Vincent, NPS Unit, Great Lakes Watersheds Assessment, Restoration, and Management Section (GLWARMS), Water Resources Division (WRD) at VincentP@Michigan.gov or 517-512-3969; or Robert Sweet, NPS Unit, GLWARMS, WRD at SweetR@Michigan.gov or 517-512-9765. The additional watershed management planning elements required for plans that lie within these boundaries are listed below.

Additional planning elements for EGLE-funded new and updated watershed management plans within the Coastal Nonpoint Boundary:

1. Plans covering Urban Areas with a population of less than 50,000 (Figure 2 and Table 1) and not subject to MS4 regulations will include recommendations for controlling post-construction sediment and runoff rates and volumes to levels consistent with the New Development Management Measure (reduce the average annual total suspended solids loadings by 80 percent and maintain post-development peak runoff rate and average volume at levels that are similar to pre-development levels).
2. All plans will include an On-Site Disposal System (OSDS) section that includes system distribution and density information, a summary of pertinent water quality data, and a review of OSDS-related codes and ordinances to support comprehensive approaches to deal with OSDS.
3. Specific OSDS maintenance and inspection recommendations will be included in all plans covering water bodies with impairments or impacts caused, in whole or in part, by OSDS. EGLE encourages recommendations to support comprehensive approaches with a mix of regulatory and voluntary actions to best deal with existing and potential future problems.
4. The NPS Program requires all EGLE-funded baseline social monitoring conducted within the Coastal Nonpoint Boundary to include an enhanced OSDS

focus consisting of selected stock questions and custom questions to demonstrate voluntary homeowner compliance with the OSDS Management Measure.

Geographic priorities for watershed management plan development within the Coastal Nonpoint Boundary:

1. Priority will be given to proposals to develop approvable watershed management plans for the following Urban Areas:
 - a. Menominee,
 - b. Ironwood, and
 - c. Escanaba.

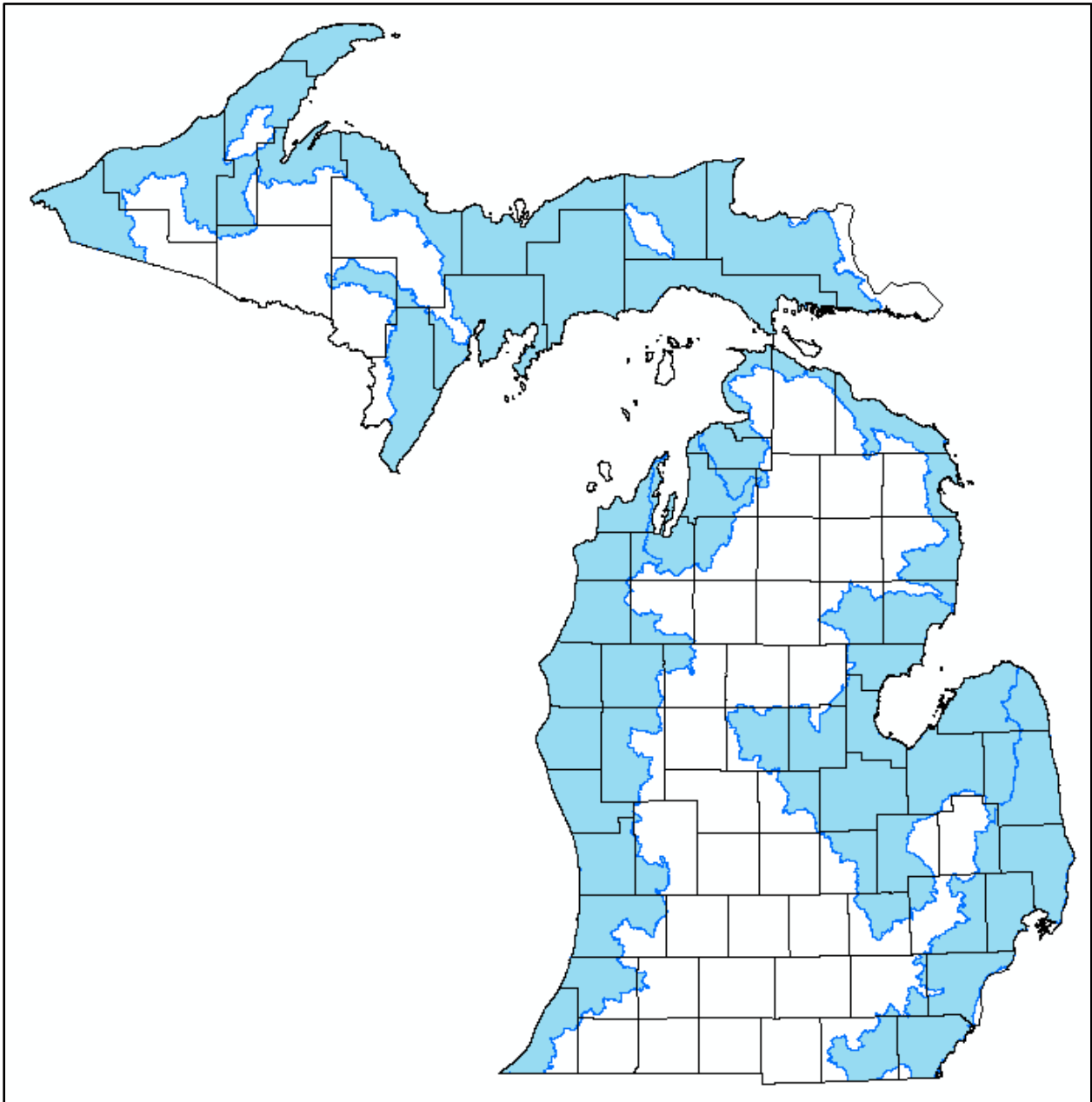


Figure 1 Michigan's Approved Coastal Nonpoint Boundary (shaded Blue)

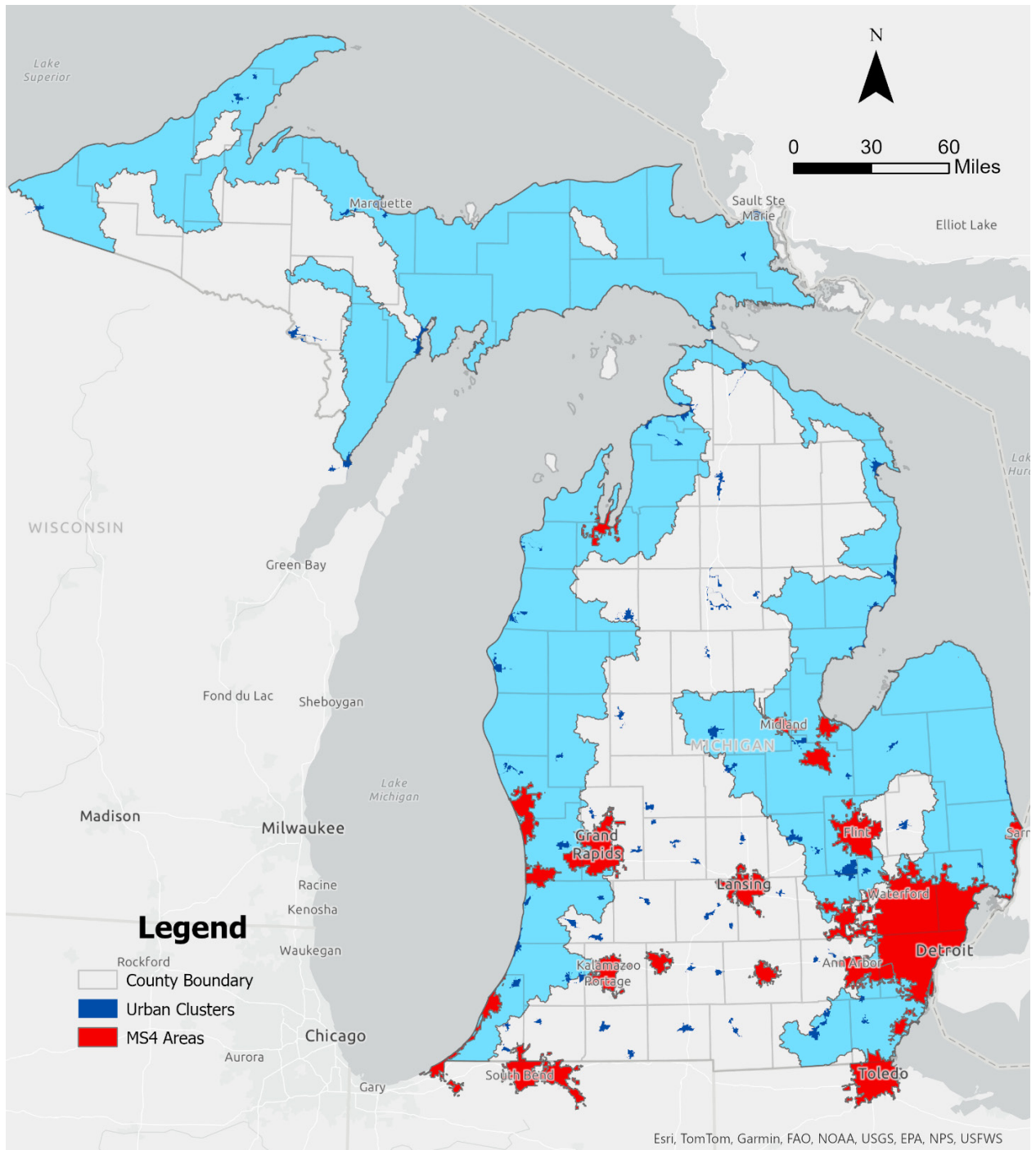


Figure 2 Urban Areas within Michigan's Coastal Nonpoint Boundary

Table 1. Urban areas within the Coastal Nonpoint Boundary with a population of more than 1,999 but less than 50,000

NAME	POPULATION	HOUSING UNITS	AREA (SQMI)	POPULATION DENSITY (#/sqmi)
Adrian, MI	29,206	11,726	13.38	2,183.61
Allendale, MI	25,094	8,006	10.55	2,379.70
Alma--St. Louis, MI	17,417	5,455	9.04	1,927.72
Alpena, MI	15,425	8,062	12.71	1,213.72
Boyne City, MI	3,990	2,708	5.32	750.53
Calumet, MI	5,112	2,927	2.48	2,058.07
Caro, MI	5,383	2,567	4.54	1,184.83
Charlevoix, MI	3,777	3,092	4.05	933.52
Cheboygan, MI	5,142	3,100	6.03	853.04
Douglas, MI	3,259	2,651	4.23	770.07
Dundee, MI	5,252	2,314	3.90	1,346.19
Durand, MI	5,056	2,354	3.78	1,337.45
East Tawas, MI	4,844	3,004	5.00	967.87
Escanaba, MI	21,159	10,444	18.06	1,171.40
Frankenmuth, MI	5,045	2,475	2.92	1,725.79
Frankfort, MI**	2,603	2,627	4.24	614.31
Fremont, MI	5,165	2,426	3.83	1,348.01
Holly, MI	8,934	3,792	5.09	1,756.18
Houghton--Hancock, MI	15,358	5,955	7.95	1,932.89
Ironwood, MI--WI*	5,165	3,081	4.38	1,178.90
Ishpeming, MI	11,298	5,357	5.84	1,934.55
Kinross, MI	5,100	951	3.20	1,593.38
Ludington, MI	11,883	7,235	12.70	935.98
Manistee, MI	8,093	4,590	9.08	891.01
Marinette--Menominee, WI--MI*	8,656	4,681	4.81	1,799.42
Marquette, MI	24,682	11,592	12.69	1,944.86
Milan, MI	7,861	2,674	3.39	2,316.32
Mount Pleasant, MI	30,738	13,793	14.76	2,082.10
Oscoda--Au Sable, MI	8,558	7,258	18.59	460.43
Owosso, MI	22,329	10,344	13.61	1,640.19
Paw Paw Lake, MI	7,526	4,106	6.77	1,112.29
Paw Paw, MI	5,662	2,675	5.64	1,004.49
Petoskey, MI	12,233	8,601	15.37	795.98
Richmond, MI	6,034	2,628	2.96	2,040.86
Sault Ste. Marie, MI	12,877	6,042	8.18	1,574.01
South Haven, MI	6,357	5,509	9.38	677.48
NAME	POPULATION	HOUSING UNITS	AREA (SQMI)	POPULATION DENSITY (#/sqmi)

St. Ignace, MI	3,457	2,336	5.70	606.99
Tecumseh, MI	13,684	5,914	10.13	1,351.18
Wayland, MI	4,957	2,007	3.39	1,463.87
Whitehall, MI	8,678	4,196	8.57	1,012.11

* Urban Area includes more than one state
** New Urban Area from the 2020 Census
POPULATION Population of the 2020 Census Urban Area within MI
HOUSING UNITS Housing unit count of the Urban Area within MI
AREA Land area of the Urban Area within MI (square miles)
POPULATION DENSITY Population density of the Urban Area within MI (square miles)