

**RESOLUTION OF TMACOG  
 UPDATING AND ADOPTING THE *AREAWIDE WATER QUALITY MANAGEMENT PLAN***

WHEREAS, the Toledo Metropolitan Area Council of Governments (TMACOG) is a voluntary association of local governments and non-governmental partners in northwest Ohio and southeast Michigan; and

WHEREAS, pursuant to §208 of the Federal Water Pollution Control Act Amendments of 1972, PL 92-500 and the Clean Water Act of 1977, PL 95-217, the *Areawide Water Quality Management Plan* was developed and adopted on December 19, 1976 by TMACOG; and

WHEREAS, the TMACOG Board of Trustees adopted the previous *Areawide Water Quality Management Plan* on June 21, 2017; and

WHEREAS, the *AWQMP* is comprehensive in scope, and many streams in the region fail to meet the Clean Water Act “fishable and swimmable” goals due to nonpoint sources of water pollution; and

WHEREAS, the Governors of Michigan and Ohio have certified the *Areawide Water Quality Management Plan* as part of the State Water Quality Management Plans for Lucas, Ottawa, Sandusky, Wood Counties, Ohio; and Bedford, Erie, and Whiteford Townships in Monroe County; and

WHEREAS, the *Areawide Water Quality Management Plan* Chapter 1 describes the region’s geology, geography, and natural resources, establishing the setting for the entire Plan; and

WHEREAS, the *Areawide Water Quality Management Plan* Chapter 2 codifies the Water Quality policies adapted by TMACOG, and identifies documents incorporated into the 208 and compatible plans of stakeholders and partners; and

WHEREAS, the *Areawide Water Quality Management Plan* Chapters 3 and 4 delineate Sewerage Facility Planning Areas (FPAs) for which sanitary sewerage service should be considered within the next twenty years and identified responsibilities of Designated Management Agencies (DMAs); and

WHEREAS, Chapter 5 of the *Areawide Water Quality Management Plan* recommends regional policies to manage onsite sewage treatment systems such as septic tanks and “package” sewage treatment plants, summarizing state programs, regulations set at the county level, and identifying “Critical Sewage Areas” to recommend priorities for addressing failed onsite sewage systems; and

WHEREAS, the *Areawide Water Quality Management Plan* Chapter 6 discusses the water quality impacts of drainage and runoff from agricultural lands, and recommends best practices for Agriculture, Drainage, and Habitat; and

WHEREAS, the *Areawide Water Quality Management Plan* Chapter 7 discusses the water quality impacts of urban runoff, and recommends best practices for stormwater management; and

WHEREAS, the TMACOG Water Quality Council voted to recommend approval of this update of the *Areawide Water Quality Management Plan* for approval at its May 14, 2018 meeting.

WHEREAS, NOW, THEREFORE, BE IT RESOLVED BY TMACOG:

THAT the TMACOG *Areawide Water Quality Management Plan* be updated and adopted, with this update superceding all previous versions; and

THAT the President be and he is hereby authorized to submit this amendment to Ohio EPA and Michigan DEQ for certification into their respective Statewide *Water Quality Management Plans*.

Adopted by the TMACOG Board of Trustees on June 20, 2018.

Yea \_\_\_\_\_, Nay \_\_\_\_\_, Abstain \_\_\_\_\_

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Doris I. Herringshaw, Chair  
Toledo Metropolitan Area  
Council of Governments (TMACOG)

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Tim W. Brown, President  
Toledo Metropolitan Area  
Council of Governments (TMACOG)

Staff Report  
TOLEDO METROPOLITAN AREA COUNCIL OF GOVERNMENTS

**Subject:** *Areawide Water Quality Management Plan*

The Clean Water Act of 1972 brought Federal funding to many communities across the country to build sanitary sewers and upgrade treatment systems. Section 208 of the Clean Water Act calls for Areawide planning to address water quality problems. The purpose of Areawide planning is to foster communication and cooperation among local governments, allow for coordination on Water Quality issues that cross political boundaries, and permit efficient and effective use of public funds.

The TMACOG 208 Plan website is:

<http://www.tmacog.org/Environment/208WaterManPlan.htm>

The **version adopted in 2017** by the TMACOG Board of Trustees may be found at:

[http://www.tmacog.org/Environment/208currentplan/TMACOG\\_AWQMP.pdf](http://www.tmacog.org/Environment/208currentplan/TMACOG_AWQMP.pdf)

The full TMACOG 208 Plan as **proposed for adoption in 2018** may be found at:

[http://www.tmacog.org/Environment/208\\_New\\_Drafts/TMACOG\\_AWQMP.pdf](http://www.tmacog.org/Environment/208_New_Drafts/TMACOG_AWQMP.pdf)

The approval process is as follows:

- The TMACOG Water Quality Council recommends approval to the TMACOG Executive Committee and Board of Trustees.
- TMACOG Executive Committee reviews the plan update and forwards it to the Board of Trustees.
- The Board of Trustees formally adopts the 208 Plan on behalf of TMACOG.
- TMACOG staff submits the updated 208 Plan to Ohio EPA and Michigan DEQ, with a request that the respective Governors certify it as part of the State Water Quality Management Plan.
- The Governors certify the 208 plans.

The Ohio Revised Code (ORC §6111.03j2b) requires the Director of Ohio EPA to deny any permit which would conflict with an adopted 208 Plan.

The *Areawide Water Quality Management Plan* lays out sanitary sewerage planning areas, and establishes TMACOG policy on both point and non-point source water quality issues. As such, it has served as the basis for TMACOG's continuing water quality program. The Plan identifies Designated Management Agencies (DMAs) — local governmental agencies who have responsibilities in the Plan.

Below are summaries of proposed changes to the Plan in this update:

1. Areawide Overview

This chapter serves as an introduction to the 208 Plan: it describes geography, natural resources, and environmental issues affecting our region. It also discusses the legal basis for the 208 Plan. The chapter has been updated using water quality data from the Ohio EPA and Michigan DEQ 2014 Integrated Reports. No substantive changes are proposed for this chapter.

## 2. Water Quality Policies

This chapter discusses state, federal, and international laws and agreements that form the basis of our Water Quality policies. Further, it codifies TMACOG's Water Quality policies and guidance on how they should be applied. Finally, it identifies TMACOG documents that are incorporated by reference as part of the 208 Plan. No substantive updates are proposed for this chapter.

## 3. Water Quality Management Framework

The 208 Plan is a statement of our region on what roles local governmental agencies have in implementing the Clean Water Act. For most counties, cities, villages, and water/sewer districts, the role is operating a sanitary sewerage system. Other roles include stormwater management (under NPDES Phase I and II regulations), septic systems (Health Districts), and agricultural runoff (SWCDs). Governmental agencies with roles in these areas are called “Designated Management Agencies,” or DMAs. This chapter lists the DMAs, and their responsibilities under the Clean Water Act. No substantive changes are proposed for this chapter.

## 4. Public Wastewater Treatment

This is the chapter on sewage treatment. It consists of policies and issues covering the entire region, and 48 individual sanitary sewerage Facility Planning Area (FPA) descriptions. No substantive policy changes affecting all FPAs are proposed for this chapter.

Each FPA addresses an existing or planned public wastewater treatment facility. In most cases, the treatment plant’s planning area covers parts of several political jurisdictions. FPA boundaries should be viewed as 20-year potential service areas. The Ohio Revised Code requires Ohio EPA to deny sewerage permits that are inconsistent with 208 plans. For this reason, keeping TMACOG's 208 Plan current, and meeting the needs of local jurisdictions is important.

Each FPA covers the following points:

- Who are the DMAs and what are their roles?
- What are the FPA boundaries, and where are sewers presently available?
- What are the present and projected populations of the FPA?
- What are the present sewerage facilities, including public infrastructure and “package” sewage treatment plants?
- What sewerage facility improvements will be needed to meet NPDES requirements, and how much will the necessary capital improvements cost?

Each FPA description may include its specific policies that direct what sewage treatment options should be available. To summarize the changes made to the FPAs:

- No substantive changes: 21
- Updated sewer service area: 2
- Future needs and/or CIP update: 24
- Facilities information update: 14
- FPA boundary changes: 1
- Policy or DMA role updates: 0

The plan update includes one change to FPA boundaries

1. **Burgoon FPA:** the service area for the Burgoon facility planning area was increased to include portions east of the village along County Road 13, and south of the village along State Route 590 to its intersection with County Road 1. By approval of this plan, the new larger Burgoon facility planning area has been incorporated into the main document.

Updates are given for each FPA in the table below.

FPA	Proposed updates to FPA						County (Counties)
	No substantive changes	Sewer Service Area Map	Future needs and/or CIP	Facilities updates	FPA boundary changes	Policy or DMA role	
<u>All FPAs</u>	Map updates, package plants, and Critical Sewage Areas						
<u>Bay Township</u>	x						Ottawa
<u>Bedford</u>			x				Monroe
<u>Bellevue</u>			x	x			Erie Sandusky Seneca
<u>Boomdale-Bairdstown</u>		x	x				Wood
<u>Bowling Green</u>			x				Wood
<u>Bradner</u>	x						Wood Sandusky
<u>Burgoon</u>					x		Sandusky
<u>Catawba</u>							
<u>Island/Portage Township</u>				x			Ottawa
<u>Clyde</u>	x						Sandusky Seneca
<u>Curtice/Williston</u>			x				Lucas Ottawa
<u>Custar/Milton Center</u>	x						Wood
<u>Cygnet/Jerry City</u>			x				Wood
<u>Danbury Township</u>				x			Ottawa
<u>Elmore</u>	x						Ottawa Sandusky
<u>Erie, Michigan</u>	x						Monroe
<u>Erie Township</u>	x						Monroe
<u>Peninsulas</u>							
<u>Fostoria</u>	x						Hancock Seneca Wood

FPA	Proposed updates to FPA						County (Counties)
	No substantive changes	Sewer Service Area Map	Future needs and/or CIP	Facilities updates	FPA boundary changes	Policy or DMA role	
<u>Fremont</u>			x	x			Sandusky
<u>Genoa</u>	x						Ottawa Sandusky
<u>Gibsonburg</u>			x	x			Sandusky
<u>Grand Rapids</u>	x						Wood Henry
<u>Haskins</u>	x						Wood
<u>Helena</u>	x						Sandusky
<u>Hoytville</u>			x	x			Wood
<u>Lindsey</u>			x				Sandusky
<u>Locust</u>	x						Ottawa
<u>Lucas County</u>			x	x			Lucas Monroe Wood
<u>Luckey</u>	x						Wood
<u>Luna Pier/Erie-LaSalle Township</u>	x						Monroe
<u>Middle Bass Island</u>	x						Ottawa
<u>North Baltimore</u>	x						Wood Hancock
<u>Oak Harbor</u>			x				Ottawa
<u>Oregon</u>			x	x			Lucas Wood
<u>Otsego</u>			x	x			Wood
<u>Pemberville</u>			x	x			Wood
<u>Perrysburg</u>			x	x			Wood
<u>Port Clinton</u>		x	x	x			Ottawa
<u>Put-in-Bay</u>			x				Ottawa
<u>Risingsun, West Millgrove, and Hatton</u>	x						Sandusky Wood
<u>Rocky Ridge</u>	x						Ottawa
<u>Swanton</u>			x	x			Fulton Lucas
<u>Toledo</u>			x				Lucas Monroe Wood
<u>Tontogany</u>			x				Wood
<u>Vickery</u>	x						Sandusky
<u>Wayne</u>	x						Wood
<u>Weston</u>			x				Wood
<u>Wightman</u>			x				Sandusky
<u>Woodville</u>			x	x			Sandusky
<b>48</b>	<b>21</b>	<b>2</b>	<b>24</b>	<b>14</b>	<b>1</b>	<b>0</b>	
	44%	4%	50%	29%	2%	0%	

5. On-Site Sewage Treatment

This chapter covers “on-site sewage treatment systems” meaning septic tanks and package plants. The update includes removal of package plants from Wood and Ottawa Counties that were identified as inactive or have been removed as part of the installation of new sanitary sewers. The update includes

removal and/or changes to the boundary of “Critical Sewage Areas” (CSA) in Wood and Ottawa Counties. In discussion at one of the county level DMA meetings, it was suggested we should remove all inactive package plants as well those publicly owned. This suggestion will be revisited during the 2019 update to the plan.

The Critical Sewage Areas are listed below; a map is attached at the end of this resolution.

Name	Number
<b>Lucas County</b>	
Neapolis (Prov.)	02C-LU
Monclova/Coder Rd (Mon)	04C-LU
Pt Place/Washington Twp (Tol)	05C-LU
Shoreland Ave (Wash)	05C-LU
Swan Creek Headwaters: Airport Hwy (Swan)	06C-LU
Alexis/Whiteford/Flanders Rd (Sylt)	07C-LU
Springbrook/Davis/Winslow Rd (Wat)	09C-LU
SR 64 NW of Whitehouse (Wat)	10C-LU
Rancamp/Annin Rd (Spr)	13C-LU
West State Line Rd (Tol)	15C-LU
East State Line/Detroit Ave (Tol)	15C-LU
Longworth/Sudbury Rd (Spr)	16C-LU
East Hancock (Spr)	17C-LU
West Hancock (Spr)	18C-LU
River Rd South (Prov/Wat)	20C-LU
North Toledo (Tol)	23C-LU
DeardenPl/Birdsall Rd (Tol)	24C-LU
Curtice (Jer)	25C-LU
Decant Rd (Jer)	26C-LU
Donovan/Yoder/Standart Rd (Jer)	27C-LU
Coolie Rd (Jer)	28C-LU
Beach Park Dr (Jer)	29C-LU
Pavilion/Beach View/Temple Rd (Jer)	30C-LU
Northway/Lakeway/Corduoy Rd (Jer)	31C-LU
North St (Jer)	32C-LU
Rachel Rd (Jer)	33C-LU
Toulon/Lafontaine Rd (Jer)	34C-LU
Wolf Creek Watershed (Ore/Jer)	35C-LU
Secor Rd (Tol)	36C-LU
<b>Monroe County</b>	
Erie	01C-MO
Lost Peninsula	02C-MO

Name	Number
McLeary's Point	03C-MO
Morin Point	04C-MO
State Road	05C-MO
South Dixie	06C-MO
Whiteford Schools	08C-MO
Whiteford / Bedford State Line	09C-MO
<b>Ottawa County</b>	
Curtice	01C-OT
Williston	02C-OT
SR 19 S of Oak Harbor	03C-OT
Waterford Place	04C-OT
SR 19 N of Oak Harbor to Salem-Carroll Road	05C-OT
Behlman	06C-OT
Clay Twp Near Genoa	07C-OT
Clay Twp Near Genoa	08C-OT
South Bass Island	09C-OT
South Bass Island	10C-OT
Locust Point	11C-OT
Johnson's Island	12C-OT
Englebeck Road	15C-OT
Rocky Ridge	16C-OT
Erie Twp: SR 163 and Lakeshore Drive	17C-OT
Portage Twp south shore, sections 7, 8, and 9	18C-OT
Middle Bass Island	19C-OT
Port Clinton Eastern Road	21C-OT
Lacarne	22C-OT
East Harbor Road	24C-OT
Toussaint River Association	25C-OT
Wolf Creek - Berger Ditch	26C-OT
Willow Beach	28C-OT
Nugent's Canal	29C-OT
<b>Sandusky County</b>	
Toussaint Cr	01C-SA
Portage below S. Br	02C-SA
Portage below N. Br	03C-SA
Sugar Cr	04C-SA
Sugar Cr	04C-SA
Woodland Hts.	06C-SA



<b>Name</b>	<b>Number</b>
Muncie Hollow	08C-SA
White's Landing	09C-SA
Wightman's Grove	10C-SA
Rambo Rd	11C-SA
Hessville	12C-SA
Vickery	13C-SA
Hayes/53	15C-SA
Timpe / Twp Line / Cole	16C-SA
Green Cr Limerick Rd	17C-SA
Country Club Estates	18C-SA
Barkshire Hills	19C-SA
Wooded Acres Campgrounds	20C-SA
West State Street	21C-SA
Christina Drive	22C-SA
Four Mile House Road	23C-SA
Rodriguez Street	24C-SA
Millersville	25C-SA
<b>Wood County</b>	
SR 64 N of King	03C-WO
King Road / RR	04C-WO
East Five Point Road	08C-WO
Otsego along river	11C-WO
Dowling	12C-WO
Dunbridge	13C-WO
Sugar Ridge	14C-WO
Kramer/Huffman	15C-WO
Curtice/Bradner	17C-WO
Five Point	18C-WO
Hatton	19C-WO
Johnson's Subdivision	20C-WO
Mermill	21C-WO
Maurer's MHP	22C-WO
J&T MHP	23C-WO

## 6. Agriculture, Drainage, and Habitat

This chapter recommends agricultural practices and policies to achieve Clean Water Act goals, covering agency roles to implement Best Management Practices (BMPs), and prioritizing watersheds for non-point load reductions and habitat restoration. The update included major revisions to the entire chapter

with the goal to condense the information and shorten the length of the chapter. Updates included: regional maps, figures, studies on Lake Erie and its tributaries, plans (regional and local), and stakeholders (federal, state, local).

## 7. Stormwater Management

This chapter covers stormwater management and urban runoff issues, particularly Stormwater NPDES permit requirements. No substantive changes are proposed for this chapter.

Maps of the proposed revised Facility Planning Areas and Critical Sewage Areas are given on the next two pages.

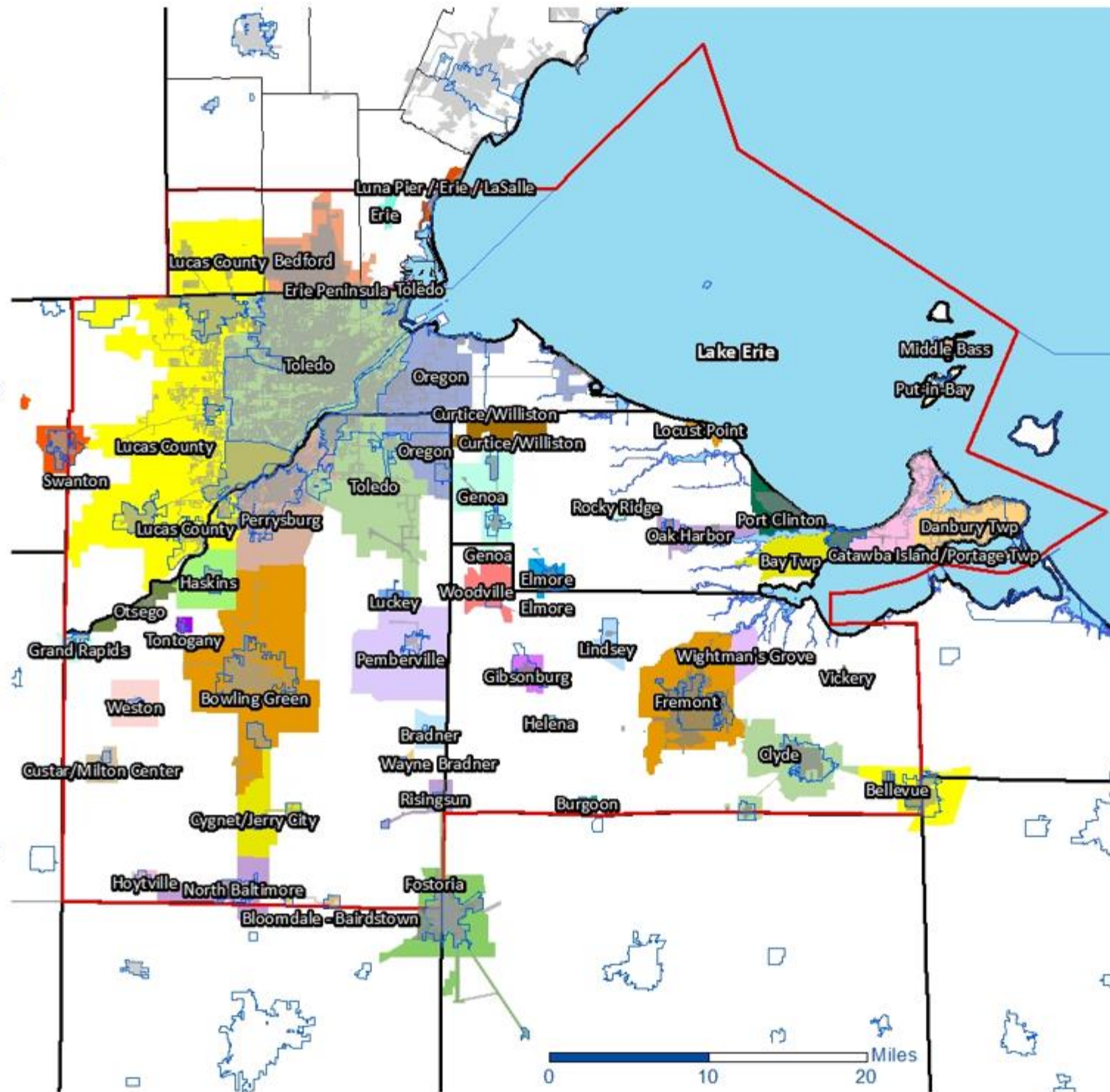
Colored areas are individual Facility Planning Areas (FPA) for public wastewater treatment. Each FPA corresponds to an existing or planned wastewater treatment facility.

Shaded areas are where sanitary sewerage service is presently available.

TMACOG's "208" area covers Lucas, Ottawa, Sandusky, and Wood Counties in Ohio, and Bedford, Erie, and Whiteford Townships in Monroe County Michigan.

Bordering areas are recommendations to Ohio EPA. The balance of Monroe County Michigan is covered by SEMCOG.

The entire TMACOG 208 Plan is available at <http://www.tmacog.org>



# TMACOG "208" Areawide Water Quality Management Plan

## Sanitary Sewage Facility Planning Areas

June 2018

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Legend

- Sewered
- Municipalities

50 YEARS  
1968 - 2018



