



Areawide Water Quality Management Plan

2023 Update

INTRODUCTION

The Areawide Water Quality Management Plan, or 208 Plan, from Section 208 of the Clean Water Act, is a TMACOG policy document created through collaboration of staff and members. The plan outlines our region's consensus for managing wastewater and associated infrastructure as well as best management practices for urban stormwater, agricultural runoff, and septic system management. The 48 Facility Planning Areas (FPAs) that cooperate to maintain the 208 Plan play a key role in achieving clean water. Through sewage and wastewater management, regional governments sustain an efficient and cost-effective system that provides clean water and protects public health. As of the completion of the 2023 update, TMACOG staff are in the first year of a major overhaul of the plan, to be completed by 2026. Once updates are complete for an individual chapter, those updates will be included in the annual update, beginning in 2024.

Purpose of the 208 Plan

- Requirement of the Clean Water Act (Section 208)
- Major TMACOG policy created by members working in close coordination
- Outline the region's long-term plan for managing wastewater and associated infrastructure
 - Identifies wastewater treatment works necessary to meet anticipated municipal and industrial wastewater treatment needs for a 20-year period
 - Establishes priorities for capital improvements

Chapters of the 208 Plan and Summary of Substantive Changes

- Changes for 2023 Update -
 - Chapter 1 - AREAWIDE OVERVIEW – **No Changes**
 - Chapter 2 - DESCRIPTION OF PLANNING AREA – **Updated**
 - Chapter 3 - TMACOG WATER QUALITY POLICIES – **No Changes**
 - Chapter 4 - WATER QUALITY MANAGEMENT FRAMEWORK – **Chapter to be archived after overhaul is completed**
 - Chapter 5 - PUBLIC WASTEWATER TREATMENT – **FPA Updates**
 - Chapter 6 - ON-SITE SEWAGE TREATMENT – **No Changes**
 - Chapter 7 - AGRICULTURE, DRAINAGE, AND HABITAT – **No Changes**
 - Chapter 8 - STORMWATER MANAGEMENT – **No Changes**

Chapter 2: Description of Planning Area

- Updates to use attainment maps and data for watersheds and Lake Erie based on 2022 Ohio EPA (OEPA) and Michigan Department of Environment, Great Lakes, and Energy (EGLE) Integrated Reports
- Appendix A, which supports the use attainment maps, was also updated

Chapter 5: Public Wastewater Treatment – Individual Facility Planning Areas (FPAs)

- Changes listed below for each county are the updates received from the designated management agencies in charge of their respective facility planning areas.

Lucas County Facility Planning Areas:

Lucas County

- The Willowbend Pump Station was replaced and a third force main river crossing was placed in 2023.
- Lucas County has 22 projects that are on going or planned to be implemented in the future. Please refer to the Lucas County FPA section in Chapter 5 of the 208 Plan.
- Capital improvements planned: Lucas County Sanitary Engineers (\$33 M), Sylvania (\$3.7 M), Maumee (\$83.8 M), Waterville (\$200 K), Whitehouse (\$4.2 M), Northwestern Water and Sewer District (NWWSD) (\$5 M)
- The Maumee Capital Improvements Schedule was updated to reflect the budget and timeline for improvements planned, detailing through 2027 and into the future

Oregon

- In 2023, the Sewer Rehabilitation (trunk and laterals) project was completed.
- 2021-2024: WWTP ultraviolet disinfection and grit Improvements (\$7.7 M) - this project was previously scheduled to complete in 2023

Toledo

- The Utility International package plant was marked as inactive
- A model of District SS 100 service area was constructed to investigate impacts
- A study completed by Arcadis produced a three-tier Proposed Improvement Plant-Wide Facilities Plan - refer to the Toledo FPA section in Chapter 5 of the 208 plan for a list of proposed improvements

Monroe County Facility Planning Areas:

There were no designated management agency updates for the Monroe County service area.

Ottawa County Facility Planning Areas:

Bay Township, Curtice/Williston, Elmore, Genoa, and Port Clinton

- Minor updates to capital improvement schedules

Catawba Island/ Portage Township

- Costs for capital improvements planned were raised to \$5.5 M (from \$2.5)

Danbury Township

- 2026: Danbury Township WWTP Improvements increased from \$600 K to \$1.6 M

Rocky Ridge

- Added a future project: Rocky Ridge Sanitary Sewer Project

Sandusky County Facility Planning Areas:

City of Bellevue

- Generators purchased for power backup
- Jones & Henry study complete to determine best disinfection option
- Work began in 2023 on WWTP Solids & Grit Removal Improvement Project

Clyde

- A package plant for the Erie Islands and Commodore Perry Service Plazas was removed, with sanitary flows being pumped to the City of Clyde sewage treatment plant

City of Fremont

- NPDES permit is up for renewal; this might affect the capital improvements schedule
- Received proposals to build a sludge storage facility

Village of Gibsonburg

- Working with EPA on an extension to separate storm sewers to allow completion of Rodriguez Street Sanitary Sewer
- Awarded D2 excavating with contract for the Rodriguez Street project

Wightman's Grove

- Most structures in Wightman's Grove area are not connected to wastewater collection system

Village of Woodville

- Woodville WWTP is currently in preliminary planning of upgrades at the WWTP, with an estimated cost of \$9 M

Wood County Facility Planning Areas:

City of Bowling Green

- OEPA issued orders to construct sanitary sewer in the Dunbridge community in 2023

City of Fostoria

- NPDES permit renewed in 2022

North Baltimore, Otsego, Risingsun, and Weston

- Minor text and capital improvement schedule updates

Perrysburg

- Flow monitoring to reduce CSOs
- Lining to reduce Maple Street SSO
- Completed a pilot study for feasibility of adding biological nutrient removal
- Updating Sanitary Sewer Master plan in 2025

Tontogany

- Commissioned an updated study to determine treatment alternatives to maintain ammonia and suspended solids limits



Toledo Metropolitan Area Council of Governments

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Vision Statement

TMACOG will be the governmental partner of
choice to coordinate regional assets,
opportunities, and challenges.

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