



Areawide Water Quality Management Plan

2022 Update

INTRODUCTION

The Areawide Water Quality Management Plan, called the 208 Plan from that section of the Clean Water Act, is a major TMACOG policy document created by members working in close cooperation. 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 demonstrate how local governments play a key role in achieving clean water. Through the everyday business of sewage treatment and wastewater management, regional governments have sustained an efficient and cost-effective system that provides clean water and protects public health.

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 2022 Update -
 - Chapter 1 - AREAWIDE OVERVIEW – **No Changes**
 - Chapter 2 - DESCRIPTION OF PLANNING AREA – **No Changes**
 - Chapter 3 - TMACOG WATER QUALITY POLICIES – **New Chapter**
 - ~~Chapter 4 – WATER QUALITY MANAGEMENT FRAMEWORK – Remove Previous Chapter~~
 - **Chapter 4 – FEDERAL AND STATE LAWS AND TMACOG POSITION STATEMENTS**
 - Renamed previous *Chapter 3 – Water Quality Policies*
 - Future 208 Plan overhaul will use relevant information about state and federal programs
 - TMACOG position statements were ranked and included in AFLE in 2017.
 - Chapter will be archived after overhaul
 - 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 3: TMACOG Water Quality Policies

- Section 1 – Overview of Water Quality Management Planning
- Section 2 – Purpose and Use of AWQMP Policies
- Section 3 – Authority and Responsibilities under the Clean Water Act
- Section 4 – AWQMP Decision-making Policies
 - FPA Boundaries
 - Service Areas
 - Onsite sewage treatment
 - Availability and accessibility
- Section 5 – Planning Policies
 - Plan development and update
 - Plan Amendments
 - Defining Critical Areas
 - Role of Land Use Planning
- Section 6 – Dispute Resolution

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 Lucas County Sanitary Engineer’s office will begin in 2022 a multi-year, multi-phase SSES (Sanitary Sewer Evaluation Study) initially targeting those areas of suspected high inflow and infiltration.
- 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.
- The City of Maumee is in the planning phase of determining timelines for completing individual projects associated with addressing for eliminating sanitary sewer overflows and discharges. Project descriptions and costs are outlined in Chapter 5: Lucas County FPA
- Capital improvements planned: Lucas County Sanitary Engineers (\$32.5 M), Sylvania (\$6 M), Maumee (\$83.8 M), Waterville (\$200 K), Whitehouse (\$6.5 M), Northwestern Water and Sewer District (NWWSD) (\$3 M)

Oregon

- 2021-2023: WWTP ultraviolet disinfection and grit Improvements (\$7.7 M)
- 2024-2026: Sewer Rehabilitation Phase 5 (\$3 M)
- 2023: Sewer Rehabilitation (trunk and laterals) (\$800 K)

- 2024: Sewer Extension for Wynn, Curtice & Bradner Rd (\$3 M)
- 2022-2024: SS200 Area Lateral Rehab Phase II-III (\$1.5 M)
- 2024: S-898 Allegan & Rubens Sanitary Sewer (\$ 125 K)
- Capital improvements planned (\$17.6 M)

Swanton

- 2023: WWTP Headworks Improvements (TBD)
- 2022 - Future: Various Sewer Separation Projects throughout the FPA (\$5 M)
- Capital improvements planned (\$5 M)

Toledo

- 2023-Future: SS 100 Sewer Rehabilitation (\$3 M)
- 2023 - Future: Rossford I&I Removal (\$2.7 M)
- 2024: GS-124 Talmadge Road Lining (\$1 M)
- Capital improvements planned (\$142 M)

Monroe County Facility Planning Areas:

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

Ottawa County Facility Planning Areas:

Catawba Island/ Portage Township

- All 8 projects are all listed in the future category with costs for 6 being TBD
- Capital improvements planned (\$2.5 M)

Danbury Township

- 2026: Danbury Township WWTP Improvements (\$600 K)
- Adjustments to increases in costs for 5 planned future projects
- Capital improvements planned (\$3 M)

Village of Genoa:

- Sewer extension projects Phase 4: delayed from 2022 to 2025
- Sewer extension projects Phase 5: delayed from 2023 to future
- Capital improvements planned (\$5.1 M)

City of Port Clinton:

- Increase to project cost for the remaining phases of sewer extension project planned for 2026 and beyond
- Capital improvements planned (\$3.8 M)

Village of Put-In-Bay

- The Village is working with Ohio EPA to create a phosphorous reduction plan. This is currently in the planning stage and will be updated once next steps are determined.
- 3 new sewer service expansion projects and 2 flow redirection projects

- Capital improvements planned (\$1.7 M)

Sandusky County Facility Planning Areas:

City of Bellevue

- 2021 - 2023: Wastewater Treatment Plant Headworks Improvements (\$2.6 M)
- Capital improvements planned (\$2.6 M)

Curtice-Williston Region

- 2021-future: Curtice - Williston sanitary sewer project (Allen/Jerusalem Township sanitary sewer extension to Oregon WWTP)
 - Proposed sanitary survey of Curtice and Williston to be completed by Ottawa County and Lucas County health departments by May 2023
 - OEPA to complete a thorough water quality modeling analysis of Cedar and Crane creeks by 2023
- Capital improvements planned (\$19.8 M)

City of Fremont

- 2023: Upgrade lift stations (\$500 K)
- Future: Rice Township Sewer Phase 4 (\$600 K)
- Capital improvements planned (\$28.1 M)

Village of Gibsonburg

- 2024: Rodriguez Street Sanitary Sewer
 - The project has a December 31, 2024, deadline
 - The Village completed the annexation of the 16 homes in the Rodriguez Street area in early 2022 (Cost TBD)
- Capital improvements planned (Cost TBD)

Wightman's Grove

- The county completed construction of wastewater facilities and collection system in 2022 and is in the process of connecting structures in the Wightman's Grove area. It is estimated that of the original 93 residences identified in 1986, only 54 residences remain
- 2023: Wightman's Grove sewers Phase 2 (\$1 M)
- 2024: Wightman's Grove sewers Phase 3 (\$2.5 M)
- Capital improvements planned (\$3.5 M)

Village of Woodville

- The Village has entered into an Administrative Order of Consent with the EPA to address WWTP upsets by determining the I & I issues in their collection system and plans for a filtering unit to be placed at the end of the treatment works prior to discharging
- The plan is required to be implemented and operational by the end of 2026
- Capital improvements planned (Costs of above improvements are TBD)

Wood County Facility Planning Areas:

Villages of Bloomdale & Bairdstown

- 2026: NNWSD moved project timeline addressing inflow and infiltration (\$50 K)
- Capital improvements planned (\$50 K)

City of Bowling Green

- 2023: Sugar Ridge/Mercer sewer line extension (\$3 M)
- 2025: Huffman / Kramer general plan for sewers (\$3.5 M)
- Future: Dunbridge Area Sewer (\$2.5 M)
- 2022: Aeration & Autothermal Thermophilic Aerobic Digestion Blower (\$5.5 M)
- Capital improvements planned (\$14.5 M)

Villages of Cygnet & Jerry City

- 2021-2022: Cygnet pump station replacement and flow meter (\$770 K)
- Capital improvements planned (\$770 K)

City of Fostoria

- 2021: WWTP Phase 2 upgrades (\$7.5 M)
- Capital improvements planned (\$18 M)

Village of Hoytville

- 2023: Manhole lining (\$100 K)
- Future: Existing pump station will require replacement within the next 5 years (TBD)
- Capital improvements planned (\$100K)

City of Perrysburg

- 2024 - 2026: Rt 25 Sewer: King to Five Point (\$4.3 M)
- 2022 - 2025: Sewer rehabilitation (\$1.2 M)
- 2022 – Future: CSO and ER-SSO (TBD at least \$9.4 M)
- 2022: Manhole structure (\$750 K)
- 2023: SS300 Area Sewer Rehabilitation: (\$500 K)
- 2021 – 2026: WWTP Upgrades (\$4.7 M)
- Capital improvements planned (\$11.5 - \$21 M + TBD CSO Cost)

Village of Weston

- 2022 – 2023: An analysis of the system will determine the need for WWTP improvements, if any
- 2022: Ohio Street sanitary sewer inflow and infiltration removal Phase I (\$1.2 M)
- Private inflow and infiltration issues will be addressed over the next several years through the private grant program for stormwater removal
- Capital improvements planned (\$1.2M)

You can view the major changes to the 208 Plan using the following link:

<https://tmacog.org/water/regional-water-quality-plan>



Toledo Metropolitan Area Council of Governments

www.tmacog.org

Vision Statement

TMACOG will be the governmental partner of
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