

### NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING & DEVELOPMENT ORGANIZATION

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Vincent A. Marion, Chairman

Joseph Hadley, Jr., Executive Director

April 17, 2024

Mr. Robert Kastner Water Management Engineer Wayne Soil and Water Conservation District 428 W. Liberty Street Wooster, OH 44691

SUBJECT: NEFCO approval of an Amendment to the Clean Water Plan to create a new Sterling

Facilities Planning Area and to change the existing wastewater prescription to serve the

Sterling area in Milton Township in Wayne County

Dear Mr. Kastner:

Enclosed for your records is a signed resolution from the NEFCO General Policy Board indicating its approval of your requested amendment to the Clean Water Plan to create a new Sterling Facilities Planning Area and to change the existing wastewater prescription to serve the Sterling area in Milton Township in Wayne County. Also enclosed are the pertinent maps and related materials for this amendment. Thank you for all of your assistance in our 208 planning process. If you would like a hard copy of these documents, please contact us.

Please let me know if you have any questions or comments on these materials.

Sincerely,

Executive Director

JH:rlm

pc: Patricia Vanah, Ohio EPA-NEDO

Vaughn Anderson, Wayne County Health Department Jenn Kiper, Wayne County Planning Department Lindsay Tournoux, Wayne County Farm Bureau

Bobbie Beshara, City of Rittman Marcus Allen, Village of Creston Greg Piatt, Milton Township Trustee

#### MEMORANDUM

TO: NEFCO General Policy Board

**FROM:** Tom LaPlante, Water Quality/Environmental Planner

**DATE:** April 10, 2024

**SUBJECT:** Consideration of an Amendment to the Clean Water (208) Plan to create a new

Sterling Facilities Planning Area and to change the existing wastewater prescription to

serve the Sterling area in Milton Township in Wayne County

#### What's being requested:

The Wayne County Office of Environmental Services (WCOES) is requesting an amendment to the <u>Clean Water (208) Plan</u> to create a new Sterling Facilities Planning Area (FPA) and to change the existing wastewater treatment prescription prior to receiving permit-to-install (PTI) approval by Ohio EPA for the construction of a publicly owned wastewater treatment plant and sanitary sewer to serve the hamlet of Sterling and surrounding area (referred to henceforth as the Sterling area) in Milton Township in Wayne County (Figure 1).

## Background (adapted from information provided by the Wayne County Office of Environmental Services):

The Sterling area in Milton Township has previously been identified by the Wayne County Health Department and Wayne Soil and Water Conservation District as having a high rate of failing home sewage treatment systems (HSTSs). For this reason, the Sterling area was included in NEFCO's collaborative priority unsewered areas mapping project in state fiscal year 2022. To address the resulting public health nuisance and negative water quality impacts caused by these failing HSTSs, WCOES is in the design phase of constructing a publicly owned wastewater treatment plant (WWTP) to provide sewer service to Sterling. The new WWTP, which will be located at the east end of Atlantic Avenue, is being designed to have the capacity to treat all flow and loading of wastewater from the Sterling area within the new Sterling FPA. The new WWTP's receiving stream will be Fall Creek, a tributary to Chippewa Creek.

WCOES made the decision to design and build the new WWTP only after exhausting all other sewer service options for the Sterling area – the City of Rittman in Wayne County declined to receive the additional flow and loading of wastewater from the Sterling area, as did the Village of Creston in Wayne County. Wayne County and the Village of Seville in Medina County could not come to a financial agreement for the treatment of the wastewater from the Sterling area. WCOES has been communicating with Ohio EPA and plans to apply for the PTI through the agency this spring and get bids from contractors in early fall. The Wayne County Board of Commissioners has authorized using American Rescue Plan Act (ARPA) and Ohio Public Works Commission (OPWC) funds to pay for the WWTP design and construction costs. Under federal guidelines, the ARPA funds must be appropriated by December 31, 2024, and expended by December 31, 2026.

#### Facilities Planning Area (FPA) boundary change:

As implied by the "what's being requested" section above, a current Sterling FPA boundary does not exist (Figure 2). The new Sterling FPA boundary will roughly be bound by the west Rittman FPA boundary, 1,300 feet north of Zigler Road, Chippewa Creek, the back lot lines east and southeast of

Seville and Sterling Roads, respectively, and Sterling Road from Frick Road to the Rittman FPA. The new Sterling FPA will be approximately 1.5 square miles (Figure 3).

#### **Wastewater prescription change:**

In addition to the new FPA boundary described, this amendment will change the existing wastewater treatment prescriptions (options) in the geographic area of the proposed new Sterling FPA in Milton Township from "Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems (cream)" to "Areas Expected to be Served with Sanitary Sewers within the next 20 Years (orange)" (Figure 3).

### Local governments/agencies affected:

Milton Township, City of Rittman, Village of Creston, Wayne County Farm Bureau, Wayne Soil and Water Conservation District, and Wayne County Health Department. Milton Township, Village of Creston, Wayne County Farm Bureau, Wayne Soil and Water Conservation District, and the Wayne County Health Department indicated that these entities agree with the proposed amendment. The City of Rittman's response indicated that the city has no objection to the amendment.

#### Public notification efforts:

A government public notice describing the proposed amendment was placed in the Wooster Daily Record on February 27, 2024 (attached). No comments were received by WCOES.

Specific proposed changes to the current FPA Appendix in the Clean Water (208) Plan:

The Sterling area in Milton Township is outside of any established FPA. Therefore, no current FPA Appendix exists in the Clean Water (208) Plan. The amendment will create a new Appendix 3-56-Sterling FPA in the Plan (attached). The prescriptions were modeled after the current Appendix 3-55 "Prescription for the Balance of WCOES Jurisdiction", with the exception that the sections were removed pertaining to "Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed)" under "Areas Currently Served with Sanitary Sewers (yellow)" and "Areas Expected to be Served with Sanitary Sewers within the next 20 Years (orange)".

#### Staff recommendation:

At the ERTAC meeting on April 3, 2024, staff recommended approval of the amendment.

# Environmental Resources Technical Advisory Committee (ERTAC) Recommendation to the NEFCO General Policy Board:

The ERTAC recommended approval of the amendment.

#### **NEFCO General Policy Board Action:**

Approval of Resolution No. FY2024-007.

RESOLUTION OF THE GENERAL POLICY BOARD OF THE NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING AND DEVELOPMENT ORGANIZATION (NEFCO) APPROVING AN AMENDMENT TO THE CLEAN WATER PLAN TO CREATE A NEW STERLING FACILITIES PLANNING AREA AND TO CHANGE THE EXISTING WASTEWATER PRESCRIPTION TO SERVE THE STERLING AREA IN MILTON TOWNSHIP IN WAYNE COUNTY

**WHEREAS,** NEFCO is the designated water quality management planning agency for Portage, Stark, Summit and Wayne Counties; and

**WHEREAS**, as part of that designation it is NEFCO's responsibility to coordinate the use, amendments to, and updates of its Clean Water Plan, also known as the 208 Plan; and

WHEREAS, NEFCO has been requested by the Wayne County Office of Environmental Services to consider an amendment to the Clean Water Plan to create a new Sterling Facilities Planning Area (FPA) and to change the existing wastewater treatment prescription prior to receiving permit-to-install (PTI) approval by Ohio EPA for the construction of a publicly owned wastewater treatment plant to serve the hamlet of Sterling and surrounding area (referred to henceforth as the Sterling area) in Milton Township in Wayne County; and

**WHEREAS**, after receiving PTI approval by Ohio EPA, the new publicly owned wastewater treatment plant will be located at the east end of Atlantic Avenue; and

WHEREAS, a current Sterling FPA boundary does not exist; and

**WHEREAS**, this amendment creates a new Sterling FPA boundary that will be roughly bound by the west Rittman FPA boundary, 1,300 feet north of Zigler Road, Chippewa Creek, the back lot lines east and southeast of Seville and Sterling Roads, respectively, and Sterling Road from Frick Road to the Rittman FPA; and

WHEREAS, the new Sterling FPA will be approximately 1.5 square miles; and

**WHEREAS**, this amendment will change the existing wastewater treatment prescription (option) in the geographic area of the proposed Sterling FPA in Milton Township from "Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems (cream)" to "Areas Expected to be Served with Sanitary Sewers within the next 20 Years (orange)"; and

**WHEREAS**, the affected local and county governments and all affected agencies have been contacted regarding the proposed amendment and none have objected to it; and

**WHEREAS**, a legal advertisement that described the proposed amendment and sought comments on it, yielded no comments or questions during the public comment period; and

**WHEREAS**, this amendment will create a new Clean Water Plan Appendix 3-56 Sterling Facilities Planning Area; and

WHEREAS, Ohio EPA has requested NEFCO's approval of this amendment as a step in its permitting process; and

**WHEREAS**, the NEFCO Environmental Resources Technical Advisory Committee (ERTAC) performed a technical review of this request and recommended approval of the amendment.

**NOW, THEREFORE, BE IT RESOLVED** that the NEFCO General Policy Board approves this amendment to the Clean Water Plan to create a new Sterling Facilities Planning Area and to change the existing wastewater prescription to serve the Sterling area in Milton Township in Wayne County. Furthermore, the Board directs staff to incorporate this amendment into NEFCO's Clean Water Plan and to transmit pertinent amendment materials to the Wayne County Office of Environmental Services, Milton Township, City of Rittman, Village of Creston, Wayne County Farm Bureau, Wayne Soil and Water Conservation District, and Wayne County Health Department, and Ohio EPA.

Certified as action taken by the NEFCO General Policy Board at its regular meeting held on April 17, 2024.

Todd Peetz, Secretary

**NEFCO General Policy Board** 

## Figure 1 - Clean Water Plan (208) Amendment

## Sterling Facilities Planning Area (FPA)

Generalized Amendment Location

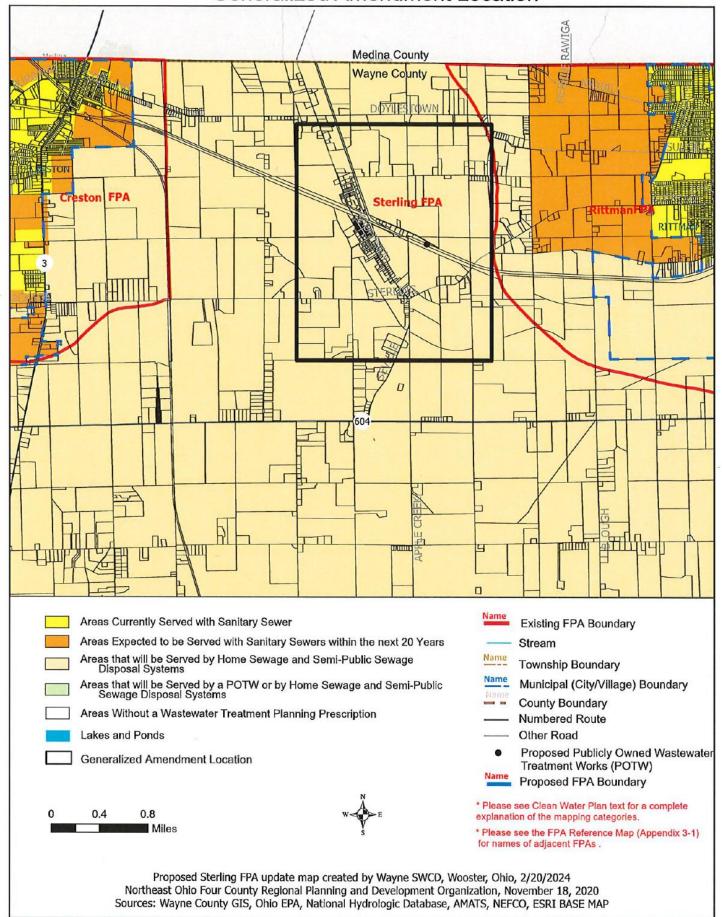
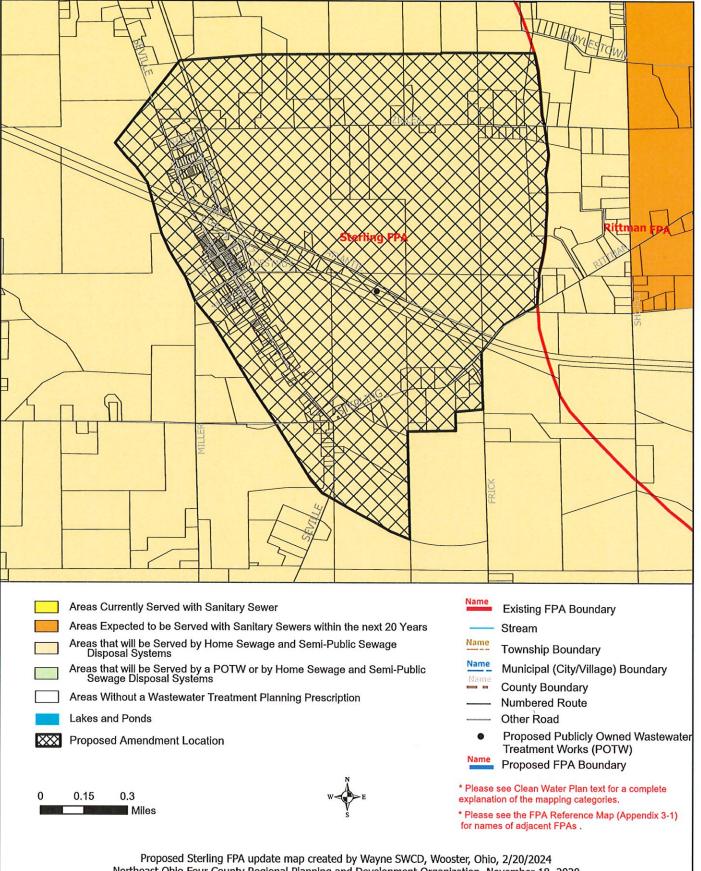


Figure 2 - Clean Water Plan (208) Amendment **Sterling Facilities Planning Area (FPA)** Existing Wastewater Treatment Prescription



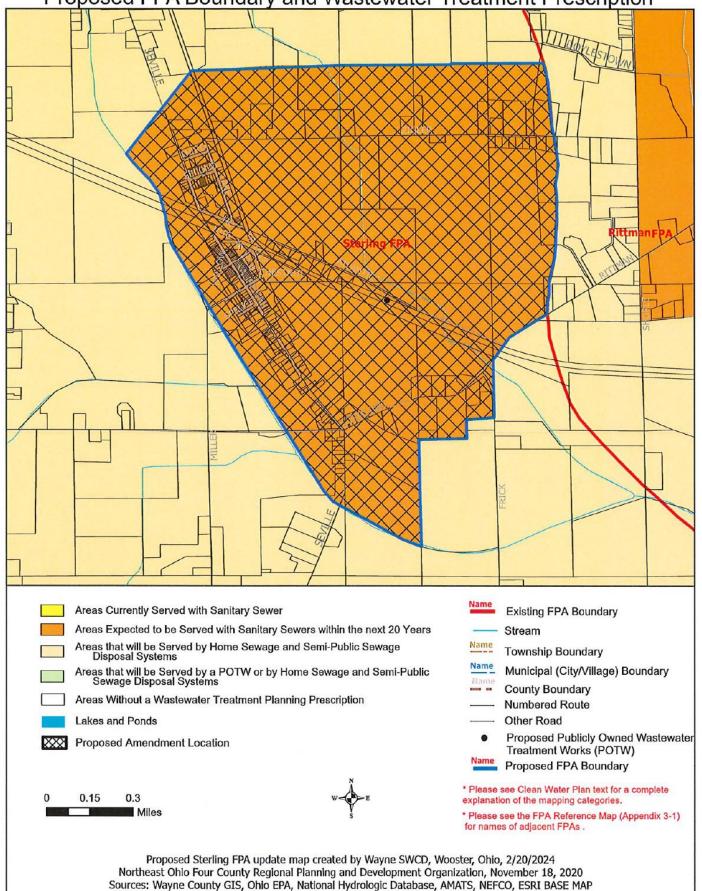
Proposed Sterling FPA update map created by Wayne SWCD, Wooster, Ohio, 2/20/2024

Northeast Ohio Four County Regional Planning and Development Organization, November 18, 2020

Sources: Wayne County GIS, Ohio EPA, National Hydrologic Database, AMATS, NEFCO, ESRI BASE MAP

## Figure 3 - Clean Water Plan (208) Amendment **Sterling Facilities Planning Area (FPA)**

Proposed FPA Boundary and Wastewater Treatment Prescription



Sources: Wayne County GIS, Ohio EPA, National Hydrologic Database, AMATS, NEFCO, ESRI BASE MAP

## (SAMPLE LETTER)



# Consideration of an Amendment to the NEFCO Clean Water (208) Plan to create a Sterling Facilities Planning Area in Milton Township in Wayne County

TO: Milton Township Trustees

City of Rittman- Mike Brown, Utilities Director

Village of Creston- Marcus Allen

Wayne County Farm Bureau-Lindsay Tournoux

Wayne Soil and Water Conservation District- Rob Kastner

Wayne County Health Department- Vaughn Anderson, Director of Environmental Health

**DATE:** February 26, 2024

FR: Wayne County Planning Department

c/o Jenn Kiper

The Wayne County Office of Environmental Services (WCOES) is requesting an amendment to the NEFCO Clean Water (208) Plan to create a new Sterling Facilities Planning Area (FPA) to allow the construction of a publicly owned wastewater treatment plant and to provide sanitary sewer service to the hamlet of Sterling and surrounding area (referred to henceforth as the Sterling area) in Milton Township in Wayne County (see attached Figures 1-3 and draft Appendix 3-56 Sterling FPA).

The Sterling area in Milton Township has previously been identified by the Wayne County Health Department and Wayne Soil and Water Conservation District as having a high rate of failing home sewage treatment systems (HSTSs). Because of this, the Sterling area was included in NEFCO's collaborative priority unsewered areas mapping project in state fiscal year 2022. To address the resulting public health nuisance and negative water quality impacts caused by these failing HSTSs, WCOES is in the design phase of constructing a publicly owned wastewater treatment plant (WWTP) to provide sewer service to Sterling. The new WWTP, which will be located at the east end of Atlantic Avenue, is being designed to have the capacity to treat all flow and loading from the Sterling area within the new Sterling FPA. The new WWTP's receiving stream will be Fall Creek, tributary to Chippewa Creek.

WCOES made the decision to design and build the new WWTP only after exhausting all other sewer service options for the Sterling area – the City of Rittman in Wayne County declined to receive the additional flow and loading of wastewater from the Sterling area, as did the Village of Creston in Wayne County. Wayne County and the Village of Seville in Medina County could not come to a financial agreement for the treatment of

the wastewater from Sterling. WCOES has been communicating with Ohio EPA and plans to apply for the permit-to-install (PTI) through the agency this spring and get bids from contractors in early fall. The Wayne County Board of Commissioners has authorized using American Rescue Plan Act (ARPA) and Ohio Public Works Commission (OPWC) funds to pay for the WWTP design and construction costs. Under federal guidelines, the ARPA funds must be appropriated by December 31, 2024, and expended by December 31, 2026.

The proposed FPA shown in attached Figure 3 is approximately 1.5 square miles in area. The attached wastewater treatment prescriptions (options) in draft Appendix 3-56 Sterling FPA were modeled after the current "Prescription for the Balance of Wayne County..." with the exception that the "Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed)" under the Yellow and Orange prescriptions was removed. The Sterling area in Milton Township is outside of any established FPA. The amendment will create a new Appendix 3-56-Sterling FPA in Chapter 3 of the Clean Water (208) Plan.

Please complete the attached Response Form prior to **Wednesday, March 13<sup>th</sup>** and return it to the Wayne County Planning Department at 428 W. Liberty Street, Wooster, Ohio 44691 c/o Jenn Kiper or e-mail the Response Form to <a href="mailto:lkiper@wayneohio.org">lkiper@wayneohio.org</a>. If you have any questions or need additional information, please call the Wayne County Planning Department at (330) 287-5423. Thank you in advance for your valuable participation in this process.

## Proposed Clean Water (208) Plan FPA Amendment Response Form

#### 2/21/2024

## Contact Information for Management Agency (MA) Requesting a 208 Plan FPA Amendment

To: Jenn Kiper, Wayne County Planning Department On behalf of the Wayne County Commissioners 428 W. Liberty Street, Wooster, Ohio 44691

E-mail: jkiper@wayneohio.org.

## Contact Information for 208 Plan FPA Amendment-Affected Government Entities

From: Name: Rob Kastner

Government Entity: Wayne Soil and Water Conservation District-

USPS Address: 428 W. Liberty Street

Email Address: Robert Kastner (rkastner@wayneoh.org)

Please review the attached draft 208 Plan Facilities Planning Area (FPA) amendment maps and proposed new 208 Plan FPA Appendix regarding a proposed update to the 208 Plan's FPA within or near to your jurisdiction; then complete this response form by selecting one of the following options. Please return the completed form to requesting MA above **by Wednesday, March 13th**:

	Agree with the proposed 208 Plan FPA amendment No objection to the proposed 208 Plan FPA amendment Recommend the following comments (attach additional sheet if needed):					
	Object to the proposed 208 Plan FPA amendment for the following reason(s):					
Autho	prized Signature					
Repr	esenting					
Date						



## **Govt Public Notices**

### New Sterling FPA and Prescriptions Amendment

The Wayne County Office of Environmental Services (WCOES) is requesting an amendment to the NEFCO Clean Water Plan to create a new Sterling Facilities Planning Area (FPA) to allow the construction of a publicly owned wastewater treatment plant and to provide sanitary sewer service to the hamlet of Sterling and the immediate surrounding area in Milton Township in Wayne County. The Sterling FPA will be roughly bound by the west Rittman FPA, 1300 feet north of Zigler Road, Chippewa Creek, the back lot lines east and southeast, of Seville and Sterling Roads, respectively, and Sterling Road from Frick Road to the Rittman FPA. The new FPA will be approximately 1.5 square miles.

The Wayne County Office of Environmental Services would appreciate your comments prior to Wednesday, March 13th. Comments and request for additional information may be directed to Marcy Stoller, billing

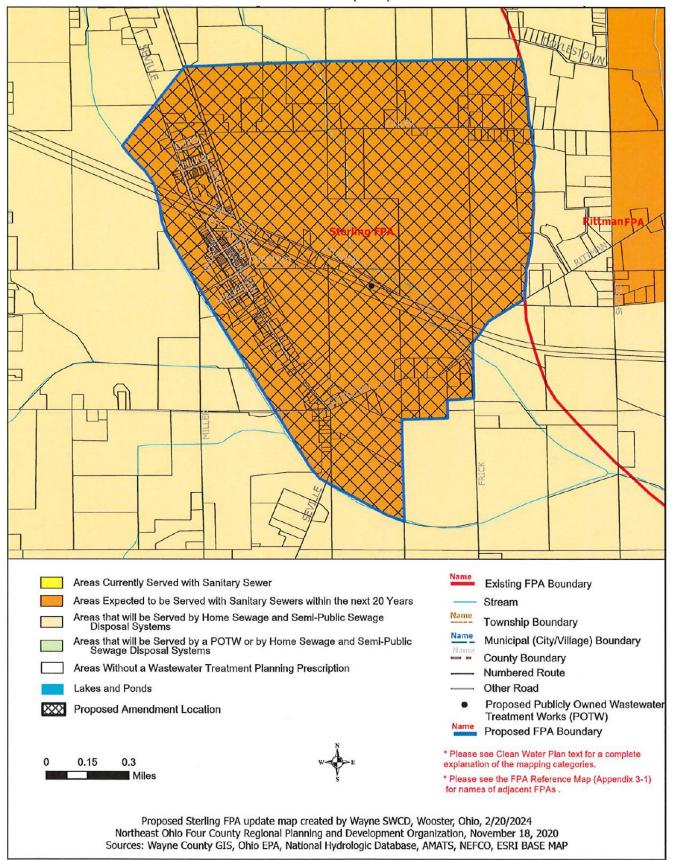
Specialist, Wayne County Environmental Services Department, 428 W. Liberty Street, Ohio 44691, Contact information is 330-287-5400 by telephone and mstoller@ wayneohio.org by email. February 27 2024 LWOO0065502

# Appendix 3-56

# Proposed Sterling Facilities Planning Area

## **Proposed Sterling Facilities Planning Area**

Clean Water (208) Plan



## **Sterling Facilities Planning Area**

## I. Existing Situation

## A. County/Basin:

Wayne /Ohio River Basin

## **B.** Facilities Planning Area:

Wayne County/Sterling

## C. Management Agency(MA):

- 1. Primary MA
  - a) Wayne County Office of Environmental Services

## **D. Publicly Owned Treatment Works:**

Wayne County – Sterling WWTP, 0.070 MGD

#### E. Facilities Plan:

Sterling General Plan prepared by Engineering Associates, Inc., June 2023.

#### F. Area Served:

Wayne County – (Sterling) Milton Township (part)

## **G.** Receiving Stream:

Fall Creek, tributary to Chippewa Creek

### H. Contact Person/Address/Phone:

Mr. Robert Kastner, P.E., Water Management Engineer

Wayne Soil & Water Conservation District

428 W. Liberty Street Wooster, Ohio 44691

Phone: (330) 263-5376

#### I. Population Served:

The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below:

Sterling		<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
201		not prepared					
Approved 208				not pre	pared		

## II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Original source information provided by the Wayne County Office of Environmental Services, January 31, 2024.

## Wayne County Office of Environmental Services Jurisdiction

## **Areas Currently Served with Sanitary Sewers (yellow):**

These areas are identified in the Wayne County Comprehensive Plan as Growth Areas. A common policy of these areas is that public water and sanitary sewer service shall be

required and sewage treatment systems (STSs) and/or semi-public systems should be prohibited. These areas are currently served with sanitary sewers. Development within these areas shall be subject to the following:

#### 1. New Development:

a. New development in this area shall be required to connect and/or provide necessary sanitary sewer infrastructure to connect to the existing sanitary sewer system to ensure that wastewater will be treated at a County or municipality owned wastewater treatment plant. The cost to connect and/or furnish and install the necessary sanitary sewer infrastructure to connect to the existing sanitary sewer shall be borne by the developer.

#### 2. Existing (developed) Properties:

a. Existing STSs shall be abandoned and required to connect to the existing sanitary sewer system to ensure that wastewater will be treated at a County or municipality owned wastewater treatment plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health. The cost to connect to the existing sanitary sewer shall be borne by the property owner.

# Areas Expected to be Served with Sanitary Sewers within the next Twenty (20) Years (orange):

These areas are identified in the Wayne County Comprehensive Plan as the Future Expansion and Transitional Areas. The infrastructure policy in these areas is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, private water and sewage treatment systems are expected (with Wayne County Health Department and Ohio EPA approvals). Centralized spray irrigation is prohibited as a wastewater treatment option in these areas. Development within these areas shall be subject to the following:

## 1. New Development:

- a. <u>Major Subdivisions</u>, as defined by the Wayne County Planning Subdivision Regulations, shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or furnish and install the necessary sanitary sewer infrastructure to connect to the existing sanitary sewer shall be borne by the developer.
- b. <u>Minor Subdivisions</u> and metes and bounds lots for single-family and multi-family (three units or less) development, where existing sanitary sewer is not available and accessible, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using sewage treatment systems (STSs), in accordance with Ohio Administrative Code (OAC) 3701-29.
- c. <u>Multi-Family</u> (four units or more), <u>Commercial</u>, and <u>Industrial Development</u> shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing

agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect to the existing sanitary sewer shall be borne by the developer. Low density/low flow development may occur using non-discharging semi-public sewage disposal systems, in accordance with Ohio EPA requirements.

## 2. Existing (developed) Properties:

a. Existing STSs shall be abandoned and required to connect to the existing sanitary sewer system as sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health. The cost to connect to the existing sanitary sewer shall be borne by the property owner.

Areas expected to remain on private household sewage treatment systems or semipublic systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream):

These areas are identified in the Wayne County Comprehensive Plan as the Conservation Areas. The infrastructure policy in the Conservation Areas is that private water and sewage treatment systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Centralized spray irrigation is prohibited as a wastewater treatment option in these areas. Development within these areas shall be subject to the following:

## 1. New Development:

a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with sewage treatment systems (STSs) per OAC 3701-29 and semi-public sewage disposal systems (SPSDSs) as approved by the Ohio EPA. The primary method of treatment of wastewater is an on-site system.

#### 2. Existing (developed) Properties:

- a. Existing STSs and SPSDSs which fail to operate or are illegal may be replaced and/or upgraded as necessary.
- b. A proposed expansion of an existing multi-family (four units or more), commercial, and industrial development that will result in an increase in discharge loadings of the facility's NPDES Permit may be considered provided the receiving stream has adequate assimilative capacity, as determined by the Ohio EPA.

If the receiving stream of the discharge does <u>not</u> have adequate assimilative capacity for the resulting increase in discharge loadings from the proposed expansion, utilization of alternative wastewater technologies resulting in a "no net gain" of discharge loadings will be considered, as determined by Ohio EPA.