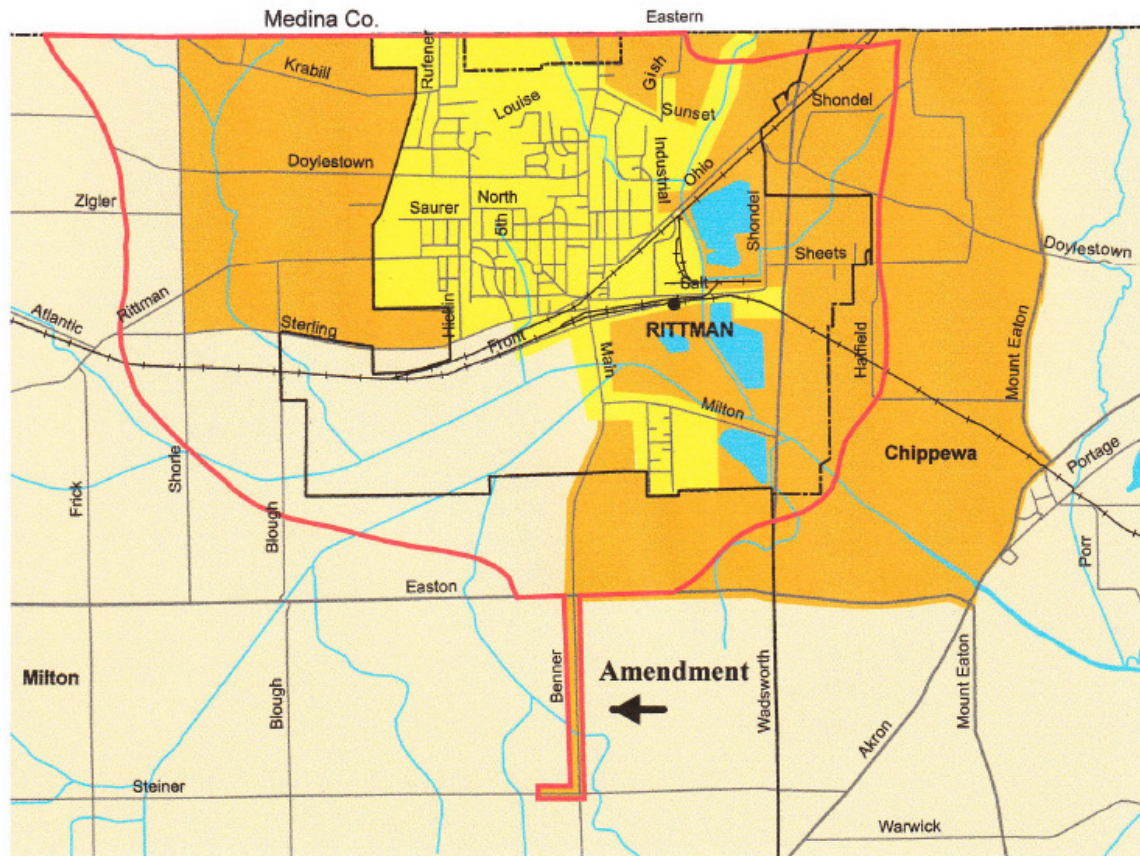


# **Appendix 3-46**

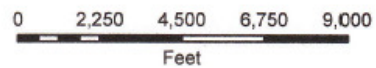
## **Rittman Facilities Planning Area**

## Figure 2 Rittman Facilities Planning Area Proposed Clean Water Plan Amendment



- |   |  |
|---|--|
| <span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> Areas currently served with sanitary sewers  | <span style="display: inline-block; width: 15px; height: 10px; background-color: orange; border: 1px solid black;"></span> FPA Boundary  |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: #f4a460; border: 1px solid black;"></span> Areas expected to be served with sanitary sewers within the next 20 years                     | <span style="display: inline-block; width: 15px; border-bottom: 1px solid lightblue;"></span> Stream   |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: #f0e68c; border: 1px solid black;"></span> Areas that will be served by home sewage and semi-public sewage disposal systems              | <span style="display: inline-block; width: 15px; border-bottom: 1px dashed black;"></span> Community Boundary  |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: #c1e1c1; border: 1px solid black;"></span> Areas that will be served by a POTW or by home sewage and semi-public sewage disposal systems | <span style="display: inline-block; width: 15px; border-bottom: 1px solid black;"></span> Road   |
| <span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black;"></span> Areas without a wastewater treatment planning prescription   | <span style="display: inline-block; width: 15px; border-bottom: 1px solid black; position: relative; top: -5px;"><span style="position: absolute; left: -5px; top: 50%; transform: translateY(-50%);">+</span></span> Railroad |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: #00b0f0;"></span> Lakes and Ponds  | <span style="display: inline-block; width: 10px; height: 10px; background-color: black; border-radius: 50%;"></span> Publicly Owned Waste Water Treatment Plant  |

\* Please see Clean Water Plan text for a complete explanation of the mapping categories.



Northeast Ohio Four County Regional Planning and Development Organization, September 2008.

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## **Rittman Facilities Planning Area**

### **I. Existing Situation**

#### **A. County/Basin:**

Wayne and Medina / Ohio River Basin

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

Rittman

#### **C. Designated Management Agency:**

I. Primary DMA

a) City of Rittman

II. Secondary DMAs

a) Wayne County Office of Environmental Services

b) Medina County Sanitary Engineering Department

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

Rittman WWTP, 1.5910 MGD

#### **E. Facilities Plan:**

City of Rittman General Plan for Wastewater Treatment, September, 1985; Engineering Associates Ltd., Wooster, Ohio. City of Rittman Facilities Plan, October, 1988; Environmental Design Group, Inc., Stow, Ohio.

#### **F. Area Served:**

*Wayne County* - City of Rittman, Milton Township (part), and Chippewa Township (part)

*Medina County* - Guilford Township (part)

#### **G. Receiving Stream:**

River Styx, a tributary of the Chippewa Creek

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

a. Mr. Cary Metcalf, Utilities Director

City of Rittman

30 North Main Street

Rittman, Ohio 44270

Phone: (330) 925-2045

Fax: (330) 925-2006

b. ~~Mr. Tim Patterson, Superintendent~~ Robert Kastner, P.E., Water Management  
Engineer

Wayne County Office of Environmental Services- Soil & Water Conservation District

428 W. Liberty St.

Wooster, OH 44691

Phone: (330) 287-5476 262-2836

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Fax (330) ~~287-5407~~ 262-7422

- c. Mr. Ken Holtz, County Engineer  
 Medina County Sanitary Engineering Department  
 791 West Smith  
 Medina, Ohio 44606  
 Phone: (330) 723-9580  
 Fax: (330) 723-9661

**I. Population Served:**

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

Rittman (Wayne County only)	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
201	9,150	10,000	-----	-----	-----	-----
Approved 208	9,824	10,149	-----	-----	-----	-----

The above population projections (Approved 208) were prepared in 1990. Updated projections are scheduled to be prepared after county population projections are produced by the Ohio Department of Development Office of Strategic Research.

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

Original source information provided by the City of Rittman and the Wayne County Office of Environmental Services.

*City of Rittman and Wayne County Office of Environmental Services Jurisdiction*

- A. **Areas currently served with sanitary sewers (yellow)** – These areas are identified in the **Wayne County** Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

**1. New Development:**

- a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

**2. Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**

- a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater

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Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

- b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.
- B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Spray irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:
1. **New Development:**
    - a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.
    - b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the county health department finds that the soils are suitable to assure there will be no off-lot discharge of effluent.
    - c. **Multi-family, Commercial, and Industrial Development** 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 shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.
  2. **Existing (developed) Properties:**
    - a. Existing (developed) properties shall be required to connect to the existing sanitary sewer as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

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- b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time the existing sewage system shall be abandoned.
- C. **Areas expected to be served by private household sewage treatment systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream)** – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater 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. Spary irrigation is prohibited as a wastewater treatment option in this area. Development within this area 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 non-discharging HSTs and non-discharging SPSDSs as the primary method for the treatment of wastewater. No new discharges!
  - 2. **Existing (developed) Properties:**
    - a. Existing HSTs and SPSDSs which fail to operate may be replaced and/or upgraded as necessary.
    - b. A proposed expansion of an existing Multi-family, 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 Ohio EPA.

If the receiving stream of the discharge does not 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 may be considered, as determined by Ohio EPA.