

Appendix 3-10

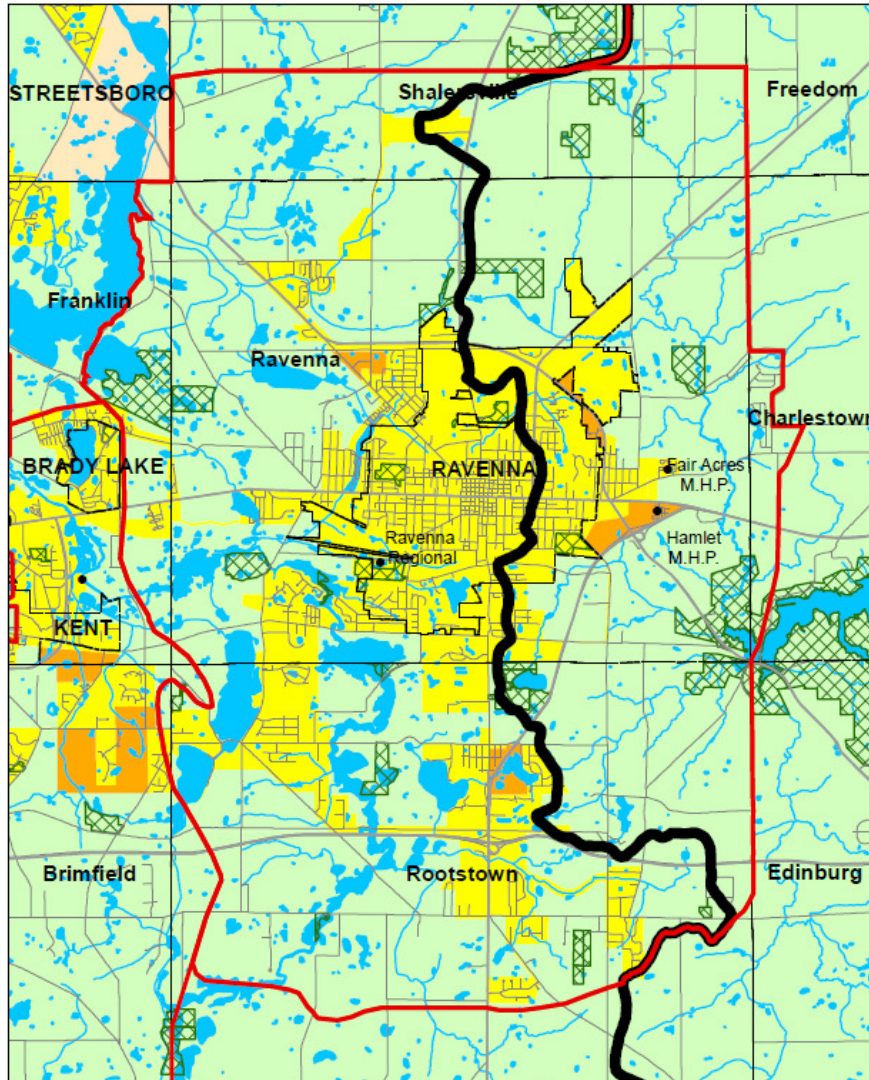
Ravenna

Facilities Planning Area

Approved by the NEFCO General Policy Board
12/21/2011

Ravenna Facilities Planning Area

208 Clean Water Plan

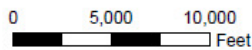


- Areas Currently Served with Sanitary Sewers
- Areas Expected to be Served with Sanitary Sewers within the Next 20 years.
- Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems
- Lakes and Ponds
- Parks and Natural Areas

- Basin Divide
- Basin Divide overlapped by FPA Boundary
- FPA Boundary
- Stream
- Community Boundary
- Highway
- Road
- Publicly Owned Wastewater Treatment Works (POTW)

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

* Please see the FPA Reference Map (figure 3-1a) for names of adjacent FPAs.



Northeast Ohio Four County Regional Planning and Development Organization, December 21, 2011.

Approved by the NEFCO General Policy Board
12/21/2011

Ravenna Facilities Planning Area

I. Existing Situation

A. County/Basin:

Portage/Lake Erie

B. Facilities Planning Area:

Ravenna

C. Designated Management Agency (DMA):

I. Primary DMA

a) City of Ravenna

II. Secondary DMA

a) Portage County Water Resources Department (Portage County Regional Sewer District)

b) City of Ravenna

D. Publicly-Owned Treatment Works:

Ravenna WWTP, 2.3 MGD (2.8 MGD Summer/2.8 MGD Winter)

E. Facilities Plan:

John David Jones & Associates, responsible for submittal of Ravenna Regional Facilities Plan; Portage County Sanitary Engineer, responsible for preparing the facilities plan for the township areas; Floyd G. Browne & Associates, completed Ravenna City Infiltration/Inflow Analysis; Portage County, completed the Lakeview Gardens SSES and the city's consultant has completed an SSES for portions of the city's sewer system.

F. Area Served:

City of Ravenna, Ravenna Township, Shalersville Township (part), Rootstown Township (part), Franklin Township (part), Charleston Township (part).

G. Receiving Stream:

Hommon Ditch of Breakneck Creek, a tributary to the Cuyahoga.

H. Contact Person/Address/Phone/Fax:

a) Mr. Robert N. Finney, City Engineer	b) Mr. Jeff Lonzrick,
City of Ravenna	Interim Director/Sanitary Engineer
530 N. Freedom St.	Portage County Water Resources Department
Ravenna, Ohio 44266	(Portage County Regional Sewer District)
Phone: (330) 296-5666	Portage County Administration Building
Fax: (330) 297-2166	449 South Meridian Street
	P.O. Box 1217
	Ravenna, Ohio 44266-0812
	Phone: (330) 297-3670
	Fax: (330) 297-3680

Approved by the NEFCO General Policy Board

12/21/2011

I. Population Served:

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

	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
Ravenna 201	31,235	32,500	34,482	----	----	----	----	----
Approved 208	30,869	32,831	33,944	34,827	----	----	----	----

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 Prescriptions and Wastewater Planning Options

Original source information provided by the Portage County Water Resources Department (Portage County Regional Sewer District), June 30, 2000, and the City of Ravenna, July 14, 2000.

City of Ravenna Jurisdiction

Areas Currently Sewered (yellow):

Of 4000+ water customers, approximately 20 still have septic systems. No new building is permitted in areas that do not have public sewers. Any property owner's boundary within 100 feet of a public sewer must tie-in to that sewer at the owner's expense. None of the 20 on-site systems are presently a known health problem. If in the future a problem develops, the owners will be encouraged to extend a public sewer to their property if feasible. If a public sewer is not feasible, the owner will be required to repair or replace the on-site system in accordance with the regulations of the Portage County Health Department.

Portage County Water Resources Department (Portage County Regional Sewer District) Jurisdictions

Areas Currently Sewered (yellow):

Shalersville (part), Ravenna (part), Franklin (part), Rootstown (part) and Brimfield (part) Townships - These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facility planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public) shall be abandoned and connection made to the existing sanitary sewer system if available. Failing HSDSs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.

Approved by the NEFCO General Policy Board
12/21/2011

Areas That Will be Served by a POTW or by On-site Non-discharging Systems (green):

Shalersville, Ravenna, Charleston, Franklin and Rootstown Township - Future development will be served by an existing POTW modified or expanded as required to handle the flow or a non-discharging sewage disposal system. Non-discharging systems including on-site septic systems and systems in which the effluent is applied to the land are locally permitted at this time. New discharging systems are only permitted for repair of existing systems in cases where both central sewer and non-discharging systems are not available.

**Approved by the NEFCO General Policy Board
12/21/2011**