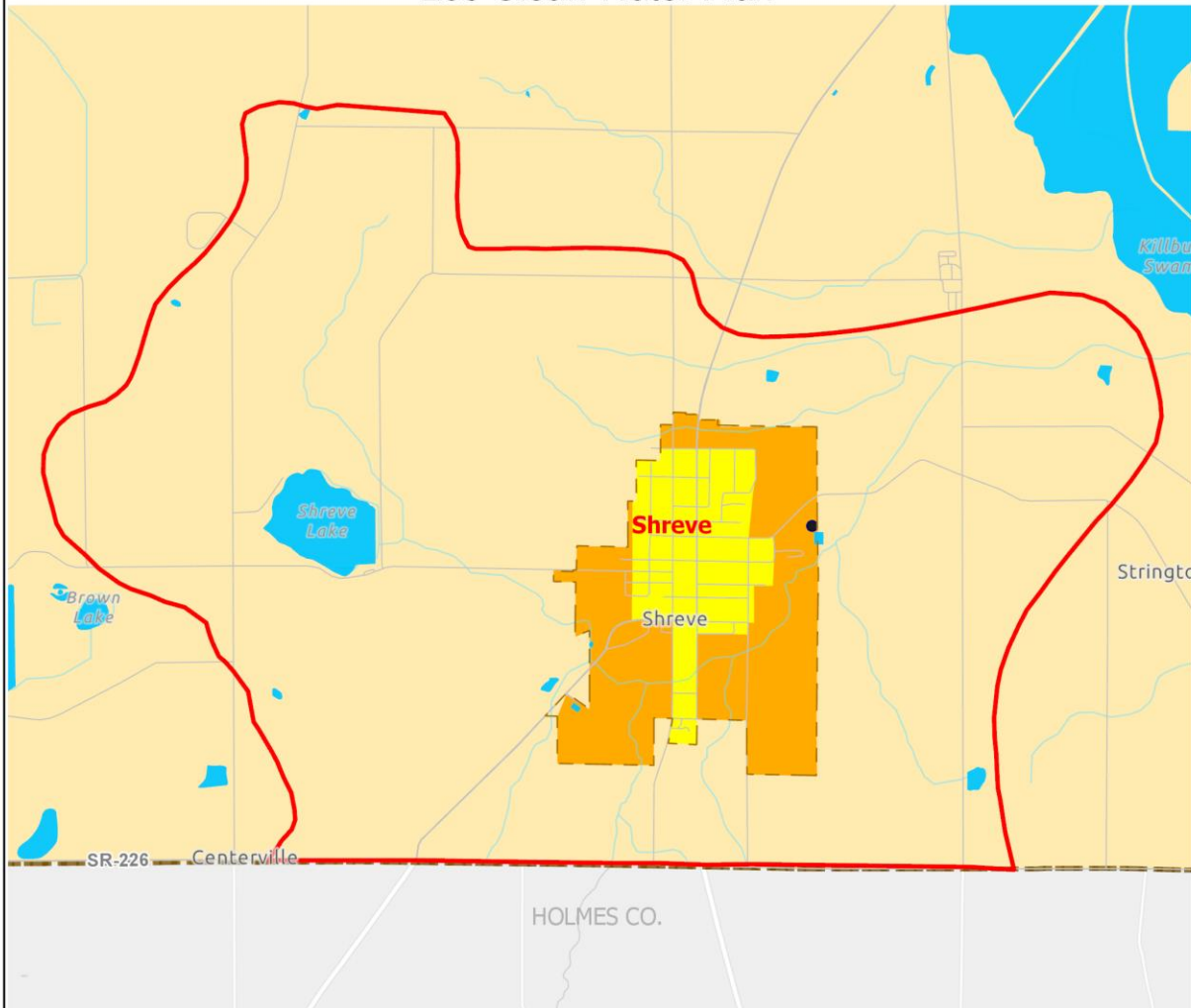


Appendix 3-48

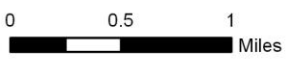
Shreve Facilities Planning Area

Shreve Facilities Planning Area

208 Clean Water Plan



- | | | | | | | | | | | | | |
|---|--|--|--|--|---|--|---|--|--|---|---|---|
| Areas Currently Served with Sanitary Sewer | Areas Expected to be Served with Sanitary Sewers within the next 20 Years | Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems | Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems | Areas Without a Wastewater Treatment Planning Prescription | Lakes and Ponds | FPA Boundary | Stream | Municipal Boundary | County Boundary | Numbered Route | Other 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 (Appendix 3-1) for names of adjacent FPAs.

Northeast Ohio Four County Regional Planning and Development Organization, 2020
 Sources: Wayne County GIS; Ohio EPA; National Hydrologic Database; AMATS; NEFCO; ESRI base map.

Approved by the NEFCO General Policy Board
3-48-2 **11/18/2020**

Shreve Facilities Planning Area

I. Existing Situation

A. County/Basin:

Wayne and Holmes/Ohio River Basin

B. Facilities Planning Area:

Shreve

C. Management Agency (MA):

I. Primary MAs

- a) Village of Shreve
- b) Wayne County Office of Environmental Services
- c) Holmes County

D. Publicly-Owned Treatment Works:

Shreve WWTP, 0.4830 MGD

E. Facilities Plan:

Step One Grant offer was received in August, 1979. Engineering Associates, Ltd., has prepared portions of the Step One facilities plan. General plan of proposed wastewater treatment facilities improvements for the Village of Shreve was submitted to Ohio EPA-NEDO in August, 1985. The Plan, which was prepared by Engineering Associates, was reviewed, and approved, thereafter.

F. Area Served:

Wayne County - Village of Shreve, Clinton Township (part), and Franklin Township (part)

G. Receiving Stream:

Shreve Creek, a tributary of the Killbuck Creek

H. Contact Person/Address/Phone/Fax:

- a. Mr. Charles Ogle, Head of Water and Sewer
Village of Shreve
P.O. Box 604
Shreve, Ohio 44667
Phone: (330) 567-2601
Fax: (330) 567-3804

b. Mr. Robert Kastner, P.E., Water Management Engineer
 Wayne Soil & Water Conservation District
 428 W. Liberty St.
 Wooster, OH 44691
 Phone: (330) 262-2836

I. Population Served:

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

Shreve	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
201	----- not prepared -----					
Approved 208	2,426	2,529	-----	-----	-----	-----

II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Original source information provided by the Village of Shreve, **DATE**, the Wayne County Office of Environmental Services, **DATE**.

Village of Shreve Jurisdiction and 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 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 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.

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

These areas are identified in the Wayne County 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.
- 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 existing sewage system shall be abandoned.

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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 Wayne County 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. 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. 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 HSTSs and non-discharging SPSDSs as the primary method for the treatment of wastewater. No new discharges.

2. Existing (developed) Properties:

- a. Existing HSTSs 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.

Areas without a Wastewater Treatment Planning Prescriptions (white):

These areas currently lack wastewater treatment prescriptions. Future wastewater treatment options will be determined by documented impacts to water resources and "best science" which is defined as the regulatory standards as set by current State and Federal regulations.