

Appendix 3-38

Creston Facilities Planning Area

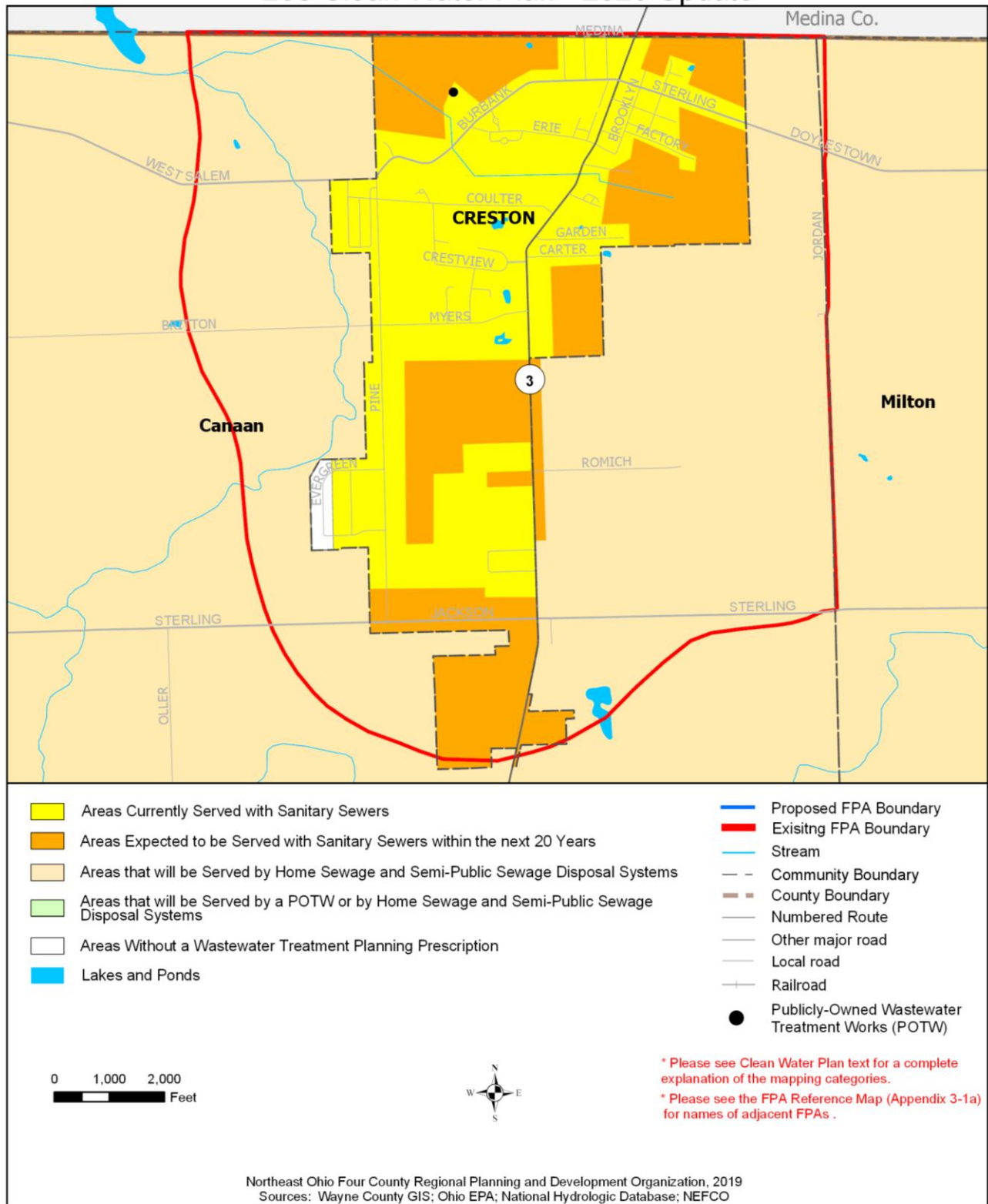
Current Plan approved by the NEFCO General Policy Board

3-38-1

12/21/2011

Creston Facilities Planning Area

208 Clean Water Plan - 2020 Update



Current Plan approved by the NEFCO General Policy Board
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Creston Facilities Planning Area

I. Existing Situation

A. County/Basin:

Wayne and Medina / Ohio River Basin

B. Facilities Planning Area:

Creston

C. ~~Designated~~ Management Agency (DMA):

I. Primary DMA

a) Village of Creston

II Secondary DMAs

a) Wayne County Office of Environmental Services

b) Medina County Sanitary Engineering Department

D. Publicly-Owned Treatment Works:

Creston WWTP, 0.3000 MGD

E. Facilities Plan:

UNKNOWN. The Environmental Design Group is the Village's consultant. A General Plan for the wastewater treatment facilities improvements for the Village of Creston was submitted to Ohio EPA in November, 1986. The plan evaluated the Village's existing wastewater treatment plant and sewer system. The plan determined optimum improvements necessary to attain all final effluent limitations in its NPDES permit.

F. Area Served:

Wayne County - Village of Creston, Canaan Township (part), and Milton Township (part)

Medina County - Westfield Township (part)

G. Receiving Stream:

Creston Ditch, tributary to Killbuck Creek

H. Contact Person/Address/Phone/Fax:

a. Mr. Mark Allen, Utility Superintendent

Village of Creston

P.O. Box 194

Creston, Ohio 44217

Phone: (330) 435-4425

Fax: (330) 435-6149

- 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
Fax (330) 262-7422
- c. Mr. **Andy Conrad, P.E., P.S.**, ~~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.

Creston	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
201	-----	-----	not prepared	-----	-----	-----
Approved 208	2,814	2,899	-----	-----	-----	-----

II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Original source information provided by the Village of Creston, the Wayne County Office of Environmental Services, and Medina County.

Wayne County Office of Environmental Services and the Village of Creston 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.

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 the existing 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 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.

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.