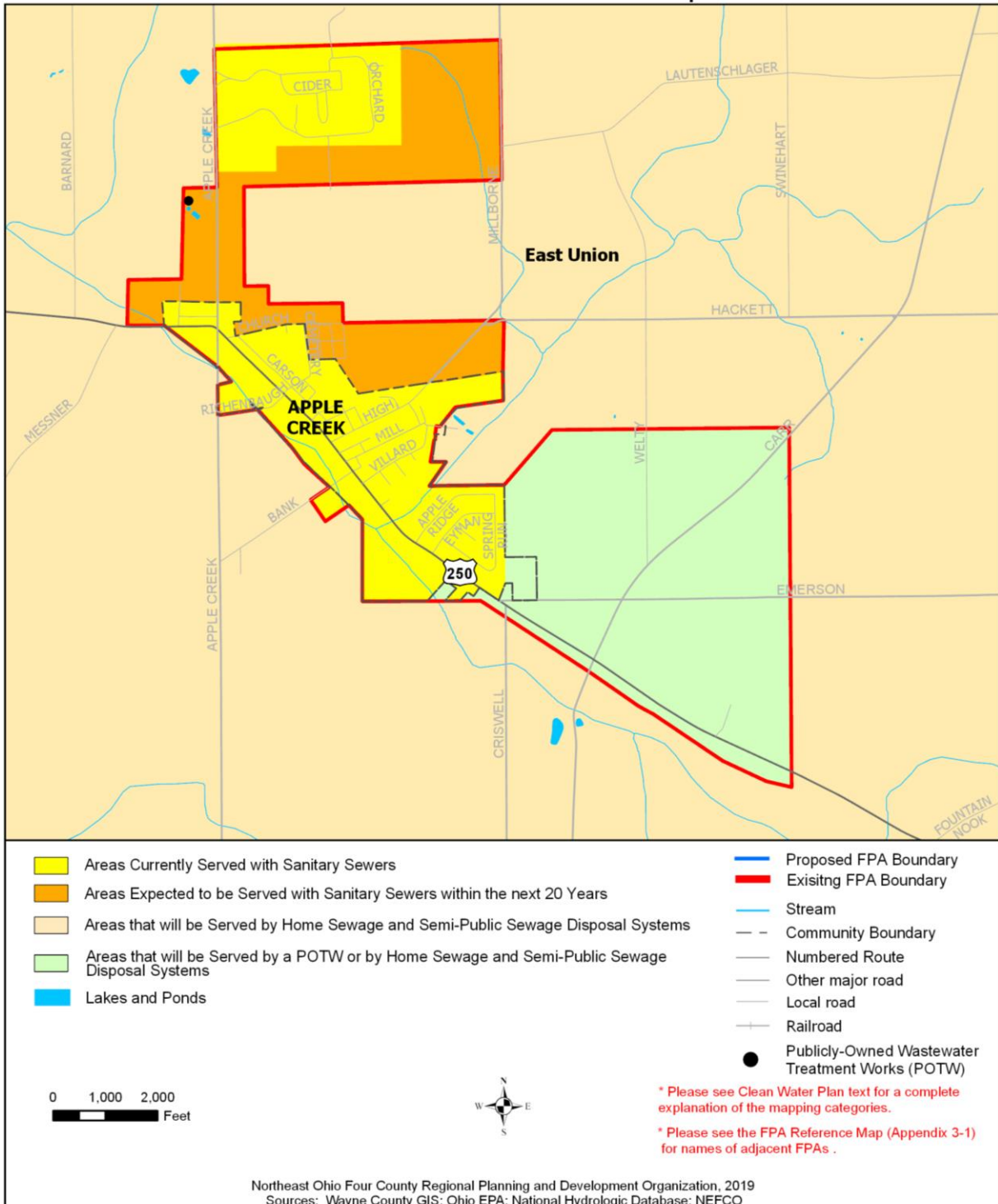


Appendix 3-36

Apple Creek Facilities Planning Area

Apple Creek Facilities Planning Area

208 Clean Water Plan - 2020 Update



Current Plan approved by the NEFCO General Policy Board

Apple Creek Facilities Planning Area

I. Existing Situation

A. County/Basin:

Wayne / Ohio River Basin

B. Facilities Planning Area:

Apple Creek

C. Management Agency (MA):

a) Village of Apple Creek

D. Publicly-Owned Treatment Works:

Apple Creek WWTP, 0.430 MGD.

E. Facilities Plan:

There is no known facilities plan. However, a General Plan of proposed wastewater treatment facilities improvements was prepared by Engineering Associates, Lmt. and was submitted to Ohio EPA-NEDO on April 8, 1987. The plan was reviewed and approved, thereafter.

A second General Plan of proposed wastewater treatment facilities improvements was prepared by Engineering Associates, Inc., and was submitted to the Ohio EPA-NEDO on May 27, 1998. An addendum to the General Plan was submitted to the Ohio EPA-NEDO on May 18, 2000. The plan was reviewed and approved thereafter.

The General Plan evaluated the existing wastewater treatment plant and sewer systems for the Village of Apple Creek. The plan determined optimum improvements necessary to attain compliance with all the final effluent limitations in its NPDES permit.

F. Area Served:

Wayne County - Village of Apple Creek

G. Receiving Stream:

Apple Creek, tributary to Killbuck Creek

H. Contact Person/Address/Phone/Fax:

a. Kevin Dean
WWTP Superintendent
Village of Apple Creek
P.O. Box 208
Apple Creek, Ohio 44606
Phone: (330) 698-1322
Fax: (330) 698-1322

- 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:

A detailed population projection for the sanitary sewer service area was completed as part of the May 27, 1998 General Plan and was updated in the May 18, 2000 addendum.

These figures are presented below:

Apple Creek	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>
	909	1070	1202	1465	1596	1727	1839	1950

Approved NEFCO 208 Clean Water Plan population projections are not available.

II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Original source of information was provided by the Village of Apple Creek, April 6, 2001.

Village of Apple Creek and Wayne County Office of Environmental Services Jurisdiction

Areas Currently Sewered Served with Sanitary Sewers (yellow):

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 the wastewater will be treated at the Village’s publicly-owned treatment works (POTW).

Existing home sewage treatment systems (HSTS) or semi-public sewage disposal systems (SPSDS), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing HSTSs serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 (OAC 3701-29-02). Also, anyone who buys and sells property with an existing HSTS or SPSDS shall abandon their system and connect to the sanitary sewer system.

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

Sanitary sewer service to this area is not available; however, sewer extensions to said area may be available in the future. Sanitary sewer extensions shall be at the Village’s discretion.

All new commercial, industrial, institutional and residential subdivision developments within the sanitary sewer service area shall connect to an existing sanitary sewer system for the removal of sanitary wastewater from each new facility within the new development. The developer shall extend new sanitary sewers as necessary from the proposed development to the existing sanitary sewer system that is served by an existing POTW. Any new residential, commercial or industrial development which meets the requirements of the Village’s subdivision regulations, will be required to install a dry system that will meet all Village and Ohio EPA requirements for connection to the Village sanitary sewer system when it becomes

available. Failing systems in need of repair/replacement will be required to connect to the existing sanitary sewer facilities if sanitary sewer service becomes available. However, until such time as sanitary sewers are extended, appropriate HSTSs or SPSDSs as required by Wayne County or Ohio EPA NEDO may be approved.

Areas that will be Served by a Publicly-Owned Treatment Works (POTW) or by Home Sewage treatment systems (HSTSs) and Semi-Public Sewage Disposal Systems (SPSDSs) (green):

This area is currently unincorporated. For new locations where sanitary sewer service may be made available, all new subdivision development, whether residential or non-residential, and all other new non-residential and new multi-family residential development, will be required to meet subdivision regulations and to connect and/or provide sanitary service. Where sanitary sewer service is not available, new single-family subdivisions and non-residential single-building development may utilize HSTSs provided the local health department finds that the soils are suitable to assure there will be no off-lot discharge of effluent. Properties with existing but failing private treatment systems shall follow “Best Science” criteria for wastewater treatment options appropriate and approved by the Ohio EPA. Single lots and metes-and-bounds parcels for new and existing (failing HSTS) single-family residential home construction may utilize an HSTS, provided local health department approval is obtained. Exceptions may be granted based on sewer availability, soil conditions, extent of failure, plant capacity and the cost of repair.

Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems HSTSs and SPSDSs (cream):

These are areas in which new development is expected to be “large-lot” low density, with non-discharging household and semi-public systems as the primary method for treatment of wastewater. These areas are controlled by Wayne County, and Wayne County will be the Lead DMA.

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.