

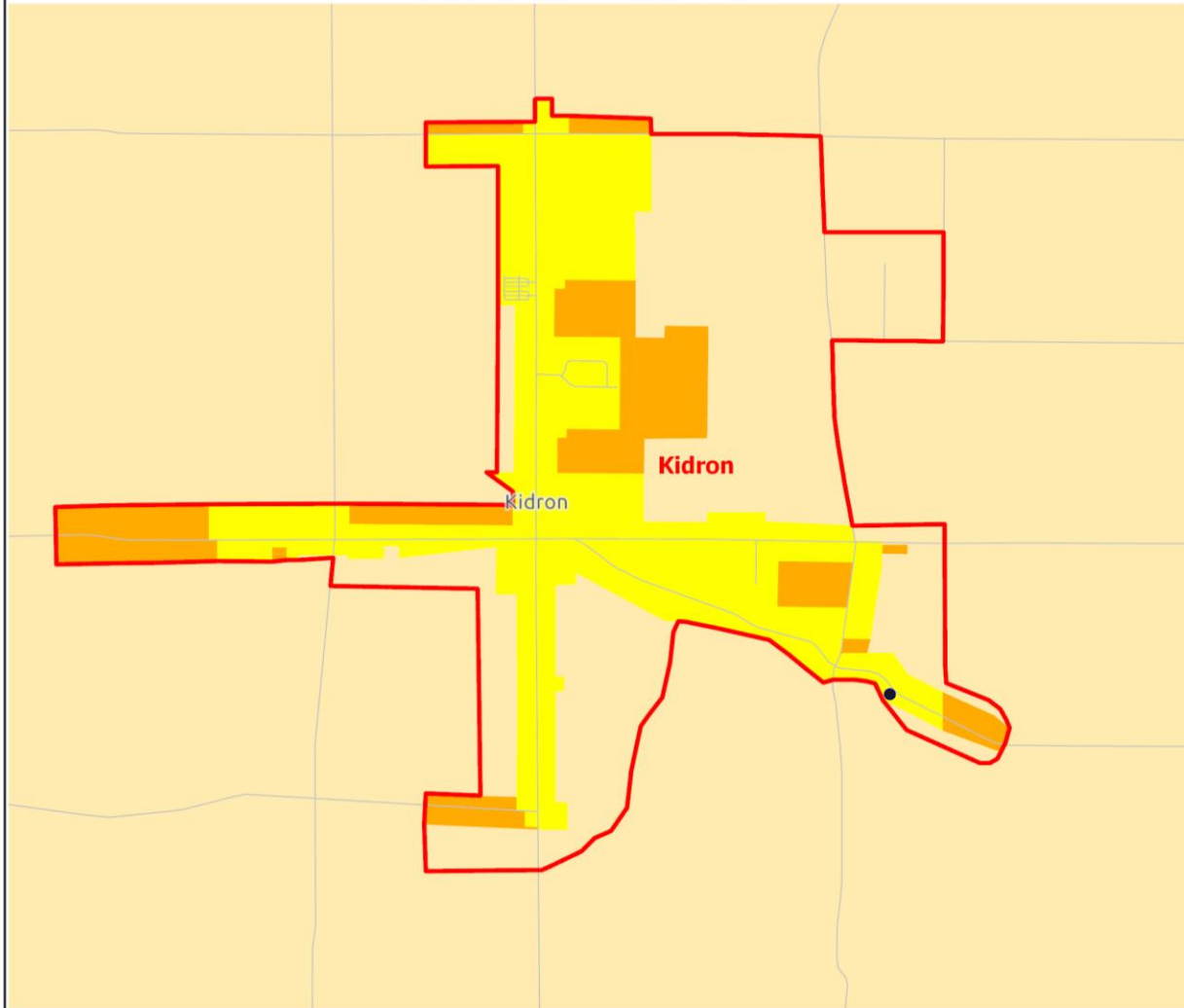
Appendix 3-43

Kidron Facilities Planning Area

**Approved by the NEFCO General Policy Board
11/18/2020**

Kidron 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) |
|---|--|--|--|--|--|--|---|--|--|---|---|---|

0 0.25 0.5
Miles



* 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.

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Kidron Facilities Planning Area

I. Existing Situation

A. County/Basin:

Wayne/Ohio River Basin

B. Facilities Planning Area:

Wayne County/Kidron

C. Management Agency (MA):

I. Primary MA

a) Wayne County Office of Environmental Services

D. Publicly-Owned Treatment Works:

Kidron WWTP, 0.160 MGD

E. Facilities Plan:

Kidron Facilities Plan prepared by Engineering Associates, Inc., December 2000.

F. Area Served:

Wayne County - (Kidron) Sugar Creek Township (part)

G. Receiving Stream:

North Fork Sugar Creek

H. Contact Person/Address/Phone/Fax:

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.

Kidron	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
201	-----	-----	not prepared	-----	-----	-----
Approved 208	-----	-----	not prepared	-----	-----	-----

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II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Original source information provided by the Wayne County Office of Environmental Services, September 24, 2003. Prescriptions modified by the Wayne County 201 Committee in November/December 2017 and January 2018.

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. A common policy of these areas is that public water and sanitary sewer service shall be required and sewage treatment systems (STS) and/or semi-public systems should be prohibited. These areas are currently served with sanitary sewers. Development within these areas shall be subject to the following:

1. New Development:

- a. New development in this area shall be required to connect and/or provide necessary sanitary sewer infrastructure to connect to the existing sanitary sewer system to ensure that wastewater will be treated at a County or Municipality-owned Wastewater Treatment Plant. The cost to connect and/or furnish and install the necessary sanitary sewer infrastructure to connect to the existing sanitary sewer shall be borne by the developer.

2. Existing (developed) Properties:

- a. Existing sewage systems shall be abandoned and required to connect to the existing sanitary sewer system 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. The cost to connect to the existing sanitary sewer shall be borne by the property owner.

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

- a. Failing or illegal sewage treatment systems shall be abandoned and required to connect to the existing sanitary sewer system, when sanitary sewer becomes available and accessible as determined by the Ohio EPA and/or the Wayne County Board of Health. The cost to connect the existing sanitary sewer 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 Future Expansion and Transitional Areas. The infrastructure policy in these areas is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, private water and sewage treatment systems are expected (with Health Department and Ohio EPA approvals). Centralized Spray Irrigation is prohibited as a wastewater treatment option in these areas. Development within these areas shall be subject to the following:

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1. **New Development:**

- a. Major Subdivisions, as defined by the Wayne County Planning Subdivision Regulations, shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or furnish and install the necessary sanitary sewer infrastructure to connect to the existing sanitary sewer shall be borne by the developer.
- b. Minor Subdivisions and metes and bounds lots for single-family and multi-family (three units or less) development, where existing sanitary sewer is not available and accessible, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using Sewage Treatment Systems (STS's), in accordance with Ohio Administrative Code (OAC) 3701-29.
- c. Multi-family (four units or more), 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 to the existing sanitary sewer 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 sewage treatment systems shall be abandoned and required to connect to the existing sanitary sewer as sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health. The cost to connect to the existing sanitary sewer shall be borne by the property owner.

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

- a. Failing or illegal sewage treatment 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/or the Wayne County Board of Health, at which time the existing system shall be abandoned and the property owner shall be required to connect to the existing sanitary sewer system. The cost to connect to the existing sanitary sewer shall be borne by the property owner.

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 Areas. The infrastructure policy in the Conservation Areas is that private water and sewage treatment-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. Centralized Spray

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Irrigation is prohibited as a wastewater treatment option in these areas. Development within these areas 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 STS's per OAC 3701-29 and SPSDS's as approved by the Ohio EPA. The primary method of treatment of wastewater is an on-site system.

2. **Existing (developed) Properties:**

- a. Existing STS's and SPSDS's which fail to operate or are illegal may be replaced and/or upgraded as necessary.
- b. A proposed expansion of an existing Multi-family (four units or more), 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 the 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 will be considered, as determined by the Ohio EPA.