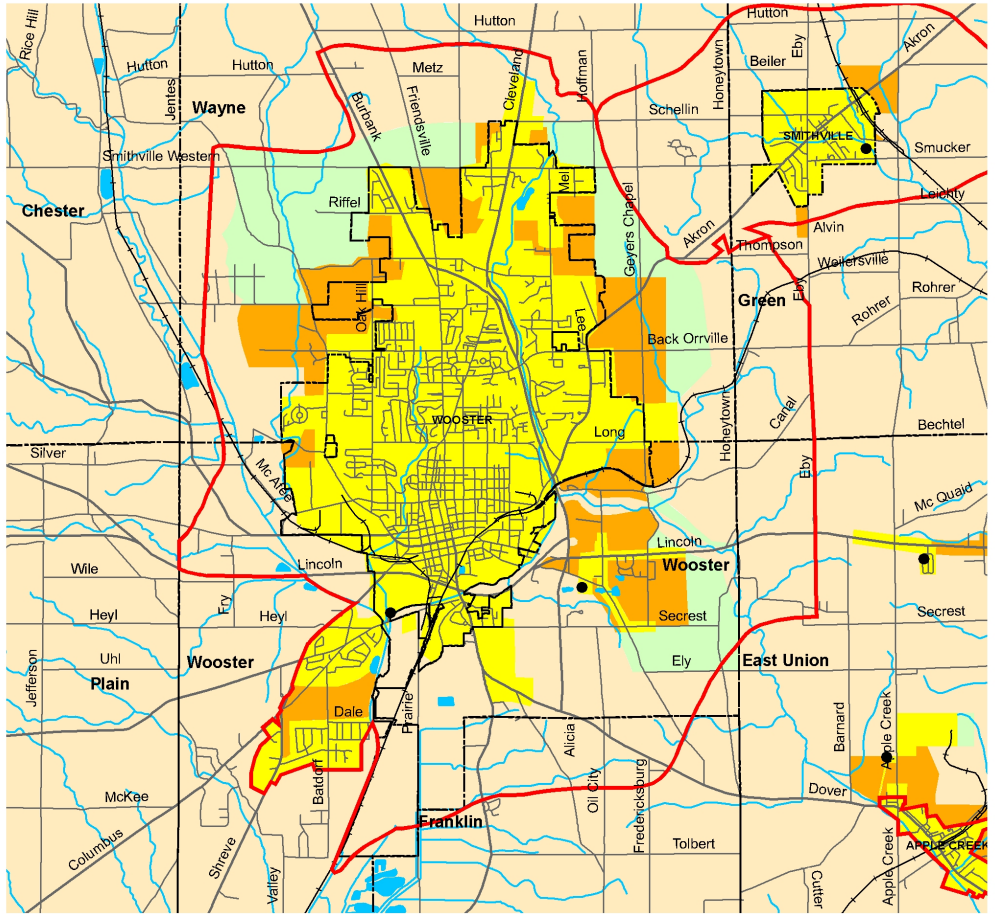


Appendix 3-50

Wooster Facilities Planning Area

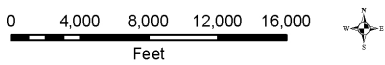
Wooster Facilities Planning Area

208 Clean Water Plan Update



- 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 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
- Community Boundary
- Road
- Railroad
- Publicly Owned Waste Water Treatment Plant

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



Northeast Ohio Four County Regional Planning and Development Organization, May 2005

Wooster Facilities Planning Area

I. Existing Situation

A. County/Basin:

Wayne / Ohio River Basin

B. Facilities Planning Area:

Wooster and 3 mile limit

C. Designated Management Agency:

I. Primary DMA (incorporated areas)

a) City of Wooster

II. Secondary DMAs (unincorporated areas)

a) Wayne County Office of Environmental Services

b) City of Wooster

D. Publicly-Owned Treatment Works:

Wooster WWTP, 7.5000 MGD

Wayne County-Hillcrest WWTP, 0.20 MGD

Wayne County - Gingery, WWTP

E. Facilities Plan:

1. Jones and Henry Engineers, Ltd., City of Wooster, Ohio - 201 Facilities Plan, April 1980.
2. Jones and Henry Engineers, Ltd., City of Wooster, Ohio Facilities Plan Update, February 1986.
3. Wayne County Office of Environmental Services and City of Wooster, Wooster Facilities Plan Update for the Clear Creek Sewer Area in Wayne County, Ohio, January 15, 1999.
4. Wayne County Office of Environmental Services and City of Wooster, Wooster Facilities Plan Update for the Clear Creek Sewer Area in Wayne County, Ohio, December, 2002.

F. Area Served:

City of Wooster (part), East Union Township (part), Franklin Township (part), Green Township (part), Wayne Township (part), and Wooster Township (part)

G. Receiving Stream:

1. Killbuck Creek and unnamed tributary to Apple Creek
2. Unnamed tributary to Little Apple Creek

H. Contact Person/Address/Phone/Fax:

- a. Mr. Michael Hunter, Utilities Superintendent Joel Montgomery, P.E., City Engineer
City of Wooster

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~~1123 Columbus Road~~ 538 North Market St.
 Wooster, Ohio 44691
 Phone: (330) 263-5234
 Fax: (330) 263-5283

b. ~~Mr. Michael Hunter, Utilities Superintendent~~ Jim Boron, Utilities Manager
 City of Wooster
 1123 Columbus Road
 Wooster, Ohio 44691
 Phone: (330) 263-5293
 Fax: (330) 263-5291

c. ~~Mr. Tim Patterson, Superintendent~~ Robert Kastner, P.E., Water Management
 Engineer
 Wayne County Office of Environmental Services- Soil & Water Conservation District
 428 W. Liberty St.
 Wooster, OH 44691
 Phone: (330) ~~287-5476~~ 262-2836
 Fax (330) ~~287-5407~~ 262-7422

d. Dr. Gregory L. Halley, MD, MBA
 Wayne County Health Commissioner
 203 S. Walnut Street
 Wooster, OH 44691
 Phone: (330) 264-9590
 Fax: (330) 262-2538

I. Population Served:

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

	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
Wooster	43,900	46,900*	-----	-----	-----	-----
201	36,245	38,182	-----	-----	-----	-----
Approved 208 (*estimate)						

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. Proposed Service Area Amendments

The City of Wooster proposes to amend the Facilities Planning Boundary in the

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following location.

1. The Killbuck-South Sewer District area has been increased in size to conform to the boundaries as amended by the inter-governmental agency agreement adopted by the City of Wooster and Wayne County on February 25, 2009, whereby Wayne County will be constructing new sewers in the Batdorf Road area in order to eliminate unsanitary conditions, and comply with Ohio EPA findings and orders. The ownership of the county sanitary sewers will be transferred to the City of Wooster upon completion, within the next two years. This additional area consists of approximately 101 homes, 4 commercial establishments (132.6 acres), 1 church, 18 vacant home sites, and 36.8 acres of vacant land.

The boundary was also expanded in this area to incorporate the Miller allotment, a proposed 13 lot development (108 acres), bounded by Valley Road on the south, Shreve Road on the west, and the Scenic Heights Subdivision on the east. This area has the potential for groundwater contamination from septic systems, being immediately adjacent to the Batdorf Road area contamination. However, the Wayne County has tentatively granted HSTS construction contingent upon further soil testing. Therefore, while this area has the potential for sewers within the next 20 years due to the proximity to the Killbuck South Sewer District, the suggested revision is for HSTS installation until sewers become a necessity (green).

2. The Geyers Chapel Road and Schellin Road area has been revised to include the areas along both roads which are adjacent to recently developed areas.
3. The SR3 area north to the Gingery Allotment (Myrta Drive and George Court) has been added. This is an area consisting of the lots immediately adjacent to SR3 between the current planning boundary and Myrta Drive, and the lots within the Gingery allotment itself. The allotment is currently served by a POTW owned by Wayne County, and permitted for 12,000 gallons per day discharge. The tentative plan includes connecting this plant to the City of Wooster POTW.. Therefore, this area has been added to the Wooster planning area, as well as potential sewerage of the area along SR3 along the connection route within the next 20 years (orange).

The City of Wooster proposes to amend the areas within the existing Facilities Planning Boundary in six general locations. (See map).

1. Former Timken Site along Prairie Lane Road, in the south-central portion of the Wooster planning area. This site has been partially redeveloped, and has the potential for additional redevelopment. A total of 126.3 acres has been

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added as potentially sewered within the next 20 years (orange). This area is partially in the floodway, so development will be limited to approximately 1/3 of the site. This area previously had no planning prescription.

2. The SR 250 and SR 83 interchange (23 acres) Annexations of approximately 510 acres, including the OARDC and the SR83/302 interchange, occurred between 2006 and 2007. Additional development is anticipated between the current corporation line and the SR83/250 interchange within the next 20 years (orange).
3. Smithville Western Road and Schellin Road – Crooked Creek Allotment (113 lots), Smithville Western Road, and Schellin Road. Approximately 48 acres between Schellin Road and Gola Drive, just north of Smithville Western Road and east of SR3, were annexed into the City in 2006, and subsequently developed residential. Sewers have been installed and are accessible. This area changed from orange to yellow.

Schellin Drive to the east of this development has been changed from green to orange, as it is currently not sewered, but could be within the next 20 years. Smithville Western to the east of this allotment has been changed from green to yellow, as it has been sewered since the 1990's.

4. Smithville Western and Burbank Road – McCoy Farm (57.5 acres). This area was annexed into the City in 2009, with a portion being previously prescribed for on-site non-discharging systems. The area bounded by SR83 on the west, Smithville Western on the south, Canaan Center on the east, and a line parallel to Schellin Road on the north has been revised to a designation of sewered within the next 20 years (orange). This designation reflects the preliminary proposal for development at the time it was annexed.
5. OARDC/Biohio. The OARDC and ATI campus was annexed into the City in 2006. Approximately 489 acres were annexed, including 57 acres north of Secrest Road of undeveloped land, currently referred to as Biohio Phases 1 and 2. Most of this area has been sewered previously or within the last two years. Therefore the prescription has been changed north of Secrest from park land to sewered (yellow), and from park to orange between OARDC and SR250 to represent potential sewerage within the next 20 years.
6. Canal Road Annexation (Universal Well). Just under 17 acres were annexed into the City in 2008 just east of SR585 and south of the former Rubbermaid property, along Canal Road. This area was formerly designated as programmed for sewers within 20 years (orange), and has now been changed to currently sewered (yellow) due to the extension of sewers along Canal Road.

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II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Original source information provided by the City of Wooster, December 2002. The following refers to the attached map entitled City of Wooster Facilities Planning Area - Clean Water Plan Update for the Ohio River Basin.

City of Wooster Jurisdiction

Areas currently sewerred ~~with sanitary sewers~~ (yellow):

~~City of Wooster~~ - **Areas inside the Wooster City limits** 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 and there may be isolated buildings on a household sewage treatment system (HSTS) on properties located more than 100' from a public sewer. All new buildings the yellow areas within the City of Wooster will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at the Wooster POTW.

Existing non-residential private treatment systems (if any), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing home sewage treatment systems (HSTSs) serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 **(OAC 3701-29-2)** subject to availability of a public sanitary sewer. If a public sewer is not available, the owner will be required to repair or replace the on-site system in accordance with the regulations of the Wayne County Health Department.

A public sanitary sewer shall be deemed available inside the corporation limits pursuant to Codified Ordinance 923.02(d), which states that the owner of any house, building or property used for human occupancy, employment, recreation or other purposes situated within the City and abutting on any street, alley or right of way in which there is located a public sanitary sewer of the City is required to extend and connect directly with the proper public sanitary sewer provided the public sanitary sewer is within 100 feet of the property line.

Wayne County Office of Environmental Services and the City of Wooster Jurisdiction

Areas currently sewerred ~~with sanitary sewers~~ (yellow):

~~Wayne Township (part) and Wooster Township (part)~~ - These areas **Areas Outside the Wooster City Limits currently served with sanitary sewers** (parts of Wayne and Wooster Townships) that have been constructed and are currently served in operation that discharge to the Wooster POTW or Hillcrest POTW. However, there may be undeveloped tracts of land and vacant lots subject to improvement and there may be isolated buildings on a HSTS or a semi-public sewage disposal system (SPSDS) with foundations located more than 200 feet from a public sewer. All new buildings in the yellow areas outside the City of Wooster will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at the Wooster POTW or

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Hillcrest POTW.

Existing non-residential private treatment systems (if any), two-family private treatment systems or three-family private treatment systems, which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing ~~home~~ **household** sewage treatment systems (HSTSSs) serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 **(OAC 3701-29-02)** subject to availability of a public sanitary sewer. If a public sewer is not available, the owner will be required to repair or replace the on-site system in accordance with the regulations of the Wayne County Health Department.

A public sewer in unincorporated areas within sewer district boundaries shall be deemed available pursuant to Wayne County Health Department Regulation #144, which requires connection to a public sanitary sewer of any structure whose foundation is within 200 **feet** of a public sanitary sewer.

Areas ~~expected to be served with sanitary~~ **programmed for sewers within the next 20 years (orange):**

These are areas projected to receive sanitary sewers but are not yet sewered. All wastewater generated by new major residential subdivisions of 5 lots or more, and all commercial, industrial, and institutional developments will be required to connect to an existing publicly owned treatment works (POTW). The developer shall be required to extend new sanitary sewers as necessary, fully observing all regulations of governing agencies (including annexation if tying into Wooster sewers outside of existing sewer district boundaries), from the proposed development to the existing sanitary sewer system that is served by an existing POTW.

If annexation is not possible because the land is not contiguous to the city and the owners of properties between the corporation limits and the proposed development are not willing to annex, then the proposed development can occur using non-discharging HSTSSs or non-discharging semi-public sewage disposal systems (SPSDSs) for each lot. For new subdivisions, dry sewers must also be installed for future connection to the public sanitary sewer system. A general master plan of dry sewer system must be approved by the agency having jurisdiction before approval of the HSTSSs will be granted. The contractor/builder of individual residential units will have the opportunity to secure permission from the local zoning or planning agency that has jurisdiction and the Wayne County Health Department for installation of a non-discharging HSTS if sewers are not yet available.

Non-discharging HSTSSs or non-discharging SPSSDs using irrigation will not be permitted.

In accordance with the Ohio Administrative Code 3701-29-02 and applicable Wayne

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County and City of Wooster rules, any operating, failing or failed HSTS, package plants, non-discharging and discharging semi-public systems must connect to an existing POTW sanitary sewer if the sanitary sewers are available.

A public sanitary sewer shall be deemed available pursuant to Codified Ordinance 923.02(d) inside the corporation limits, which states that the owner of any house, building or property used for human occupancy, employment, recreation or other purposes situated within the City and abutting on any street, alley or right of way in which there is located a public sanitary sewer of the City is required to extend and connect directly with the proper public sanitary sewer provided the public sanitary sewer is within 100 feet of the property line. A public sewer in unincorporated areas within sewer district boundaries shall be deemed available pursuant to Wayne County Health Department Regulation #144, which requires connection to a public sanitary sewer of any residential structure whose foundation is within 200 feet of a public sanitary sewer. Failing semi-public sewage disposal systems (SPSDSs) are under the jurisdiction of Ohio EPA.

Areas that will be served by publicly-owned treatment works (POTWs) or by on-site non-discharging systems ~~home sewage treatment systems (HSTSs) and semi-public sewage disposal systems (SPSDSs)~~ (green):

These are rural areas with undeveloped tracts of land and vacant lots subject to improvement and existing subdivisions developed in the past using HSTSs for wastewater treatment. All new subdivision development, whether residential or non-residential, and all other new non-residential, and multi-family residential development, will be required to annex (if tying into Wooster sewers) and to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. If annexation is not possible because the land is not contiguous to the city and the owners of properties between the corporation limits and the proposed development are not willing to annex, then the proposed development can occur using non-discharging HSTSs or non-discharging semi-public sewage disposal systems (SPSDSs) for each lot. For new subdivisions, dry sewers must also be installed for future connection to the public sanitary sewer system. A general master plan of the dry sewer system must be approved by the agency having jurisdiction before approval of the HSTSs will be granted.

Non-discharging HSTSs or non-discharging SPDSs using irrigation will not be permitted.

Vacant lots within HSTS-served subdivisions and remote metes and bounds residentially-zoned parcels may be so improved with new HSTSs provided the Wayne County Health Department finds that soils are suitable to assure there will be no off-lot discharge of effluent.

Owners of existing single-family, two-family and three-family private treatment systems which fall to operate properly will be required to connect to and/or provide sanitary sewer

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service to ensure that wastewater will be treated at an existing POTW. Exceptions may be granted/requested based on sewer availability, soil conditions, extent of failure, and cost or repair. This decision shall be determined on a case-by-case basis by the Wayne County Health Department.

Areas ~~without a wastewater treatment planning prescription~~ for which no sewer plans exist (white):

Until this plan is modified, these white areas will follow current regulations for the Wayne County Health District or Ohio EPA as applicable.