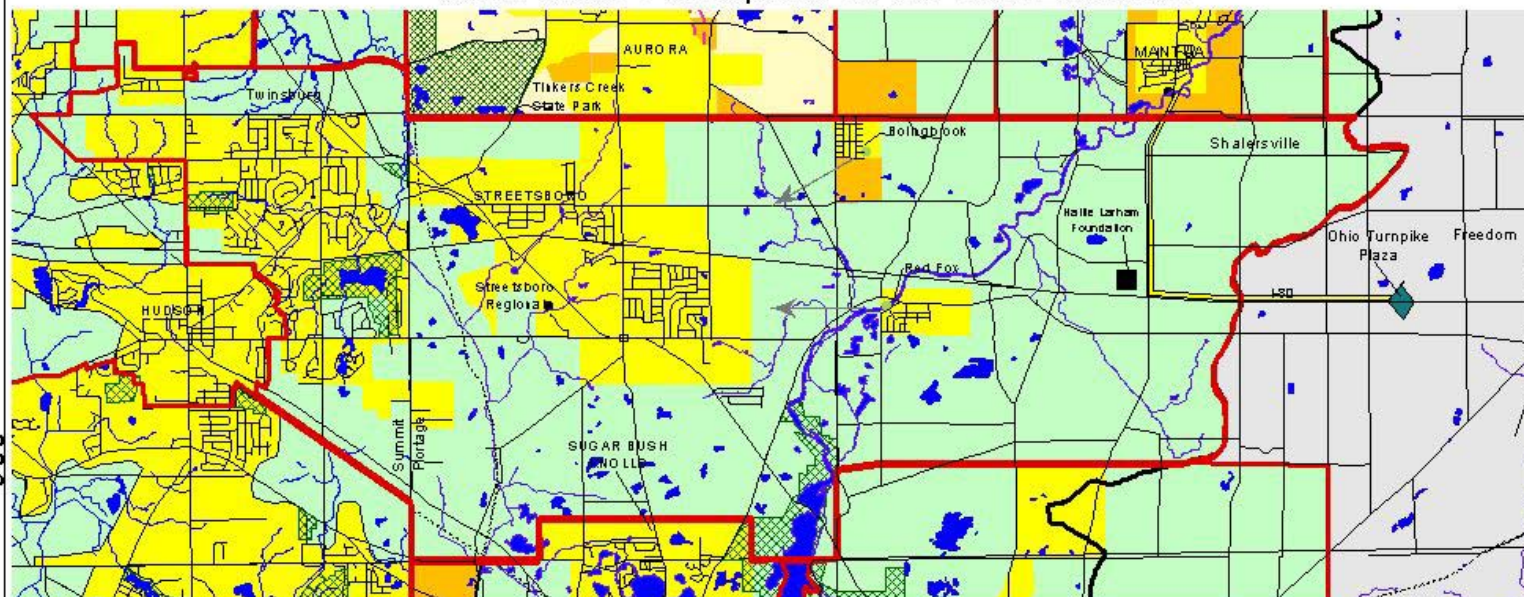


Appendix 3-8

Hudson-Streetsboro Facilities Planning Area

**Figure 3-8
Hudson-Streetsboro Facilities Planning Area
Clean Water Plan Update for the Lake Erie Basin**



3-8-2

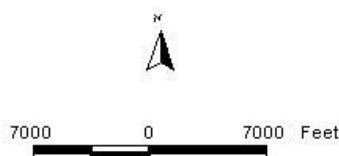
Hudson-Streetsboro Facility Planning Area

- Areas Currently Sewered
- Areas Programmed for Sewers Within the next 20 Years
- Areas That Will be Served by On-Site Nondischarging Systems
- Areas That Will be Served by a POTW or by On-Site Nondischarging Systems
- Ohio River Basin
- Lakes and Ponds
- Parks
- Tinkers Creek State Park

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

* Please see the FPA Reference Map (Figure 3-1a) for names of adjacent FPA's.

- Hudson-Streetsboro FPA Boundary
- Political Boundary
- Roads
- Lake Erie/Ohio River Basin Divide
- Railroads
- Rivers and Streams
- Publicly-Owned Wastewater Treatment Plant
- Wastewater Treatment Plant (to be phased out in future)
- Excess Flow to Streetsboro Regional



Northeast Ohio Four County Regional Planning and Development Organization, April 9, 2003.
Source: Materials: Ohio Department of Natural Resources; Division of Real Estate and Land Management; Portage County Regional Planning Commission.

Hudson-Streetsboro Facilities Planning Area

I. Existing Situation

A. County/Basin:

Portage/Lake Erie

B. Facilities Planning Area:

Hudson-Streetsboro

C. Designated Management Agency (DMA):

I. Primary DMA

- a) Portage County Water Resources (Portage County Regional Sewer District)

II. Secondary DMA

- a) Streetsboro Sanitary Sewer District No. 4 SSSD4 (Portage County Water Resources)
- b) Summit County Metropolitan Sewer District SCMSD (Dept. of Environmental Services)
- c) Portage County Regional Sewer District PCRSB (Portage County Water Resources)
- d) City of Hudson

D. Publicly-Owned Treatment Works:

- a) Streetsboro Regional WWTP, 4.0000 MGD
- b) Red Fox WWTP, 0.1600 MGD
- c) Boling Brook WWTP, 0.1280 MGD

E. Facilities Plan:

The Streetsboro-Hudson Facility Plan (final draft April, 1997) was jointly prepared by Portage County through a force account and by John David Jones and Associates, Inc. through a professional agreement. The Facilities Plan was based on the findings and recommendations of the Facilities Plan for the Upper Tinkers Creek Watershed.

F. Area Served:

Portage County; City of Streetsboro, Shalersville Township (part), Freedom Township (part)

Summit County; City of Hudson (part), Twinsburg Township (part).

G. Receiving Stream:

- a) Tinkers Creek
- b) Cuyahoga River
- c) Cuyahoga River

H. Contact Person/Address/Phone/Fax:

Portage County

Mr. Harold Huff, Director/Sanitary Engineer
Portage County Water Resources
(Portage County Regional Sewer District)
Portage County Administration Building
449 South Meridian Street
P.O. Box 1217
Ravenna, Ohio 44266-1217
Phone: (330) 297-3670
Fax: (330) 297-3680

Summit County

Mr. James Demboski, P.E., Director
Department of Environmental Services
2525 State Road
Cuyahoga Falls, Ohio 44223
Phone: (330) 926-2405
Fax: (330) 926-2471

I. Population Served:

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

	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
Hudson-Streetsboro 201	26,040	----	28,750*	----	----	----	----	----
Approved 208	18,847	19,531	20,147	20,674	----	----	----	----

* Service Area Only

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. Wastewater Treatment Planning Prescriptions and Wastewater Planning Options

Original source information provided by the Portage County Water Resources (Portage County Regional Sewer District), June 30, 2000 and Summit County Department of Environmental Services, May 1, 2000.

Portage County Water Resources (Portage County Regional Sewer District)

Areas Currently Sewered (yellow):

City of Streetsboro, Shalersville (part) and Freedom Township (part) - 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 wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi public), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing HSDSs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.

Areas That Will be Served by a POTW or by On-site Non-discharging Systems (green):

City of Streetsboro, Shalersville (part) and Freedom Township (part) - Future development will be served by an existing POTW modified or expanded as required to handle the flow or an non-discharging sewage disposal system. Non-discharging systems including on-site septic systems and systems in which the effluent is applied to the land are locally permitted at this time. New discharging systems are only permitted for repair of existing systems in cases where both central sewer and non-discharging systems are not available.

Bolingbrook and Red Fox may be phased into the Streetsboro WWTP as they reach their useful life, as indicated by the flow shift arrows.

Summit County Department of Environmental Services Jurisdiction

Areas Currently Sewered (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 facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be treated and discharged at an existing publicly-owned treatment works (POTW). Existing non-single-family private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Failing home sewage treatment systems (HSTSs) serving single-family homes shall be abandoned and the home connected to sanitary sewer service in accordance with Ohio Administrative Code (OAC) 3701-29-02(M) unless sewer service is not accessible, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29.

Areas that will be served by a POTW or by on-site non-discharging systems (green):

Twinsburg Township - The area west of Route 91 can be routed either to Northeast Ohio Regional Sewer District (NEORS) or to the Portage County's Streetsboro POTW. With the exception on one existing HSTS subdivision, the area is currently developing. Planning is underway to provide sanitary sewers to the HSTS subdivision mentioned above. 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 connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within the existing HSTS-served subdivision should be improved only when sanitary sewer is available. Remote metes-and-bounds residentially zoned parcels may be so improved with new HSTSs provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent. Single-family residences with failing HSTSs may use HSTSs for wastewater treatment provided there is no conflict with OAC 3701-29-02. Existing non-single-family private treatment systems which fail to operate properly will be required to connect to and/or provide sanitary 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 of repair.

City of Hudson - These areas are being progressively developed with sanitary sewers by the private sector. A few HSTS-served subdivisions remain in the area, but all are close to fully developed and there are no planning efforts underway to provide sanitary sewers to these subdivisions. 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 connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSs provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent. Single-family residences with failing HSTSs may use HSTSs for wastewater treatment provided there is no conflict with OAC 3701-29-02. Existing non-single-family private treatment systems which fail to operate properly will be required to connect to and/or provide sanitary 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 of repair.