

Appendix 3-4

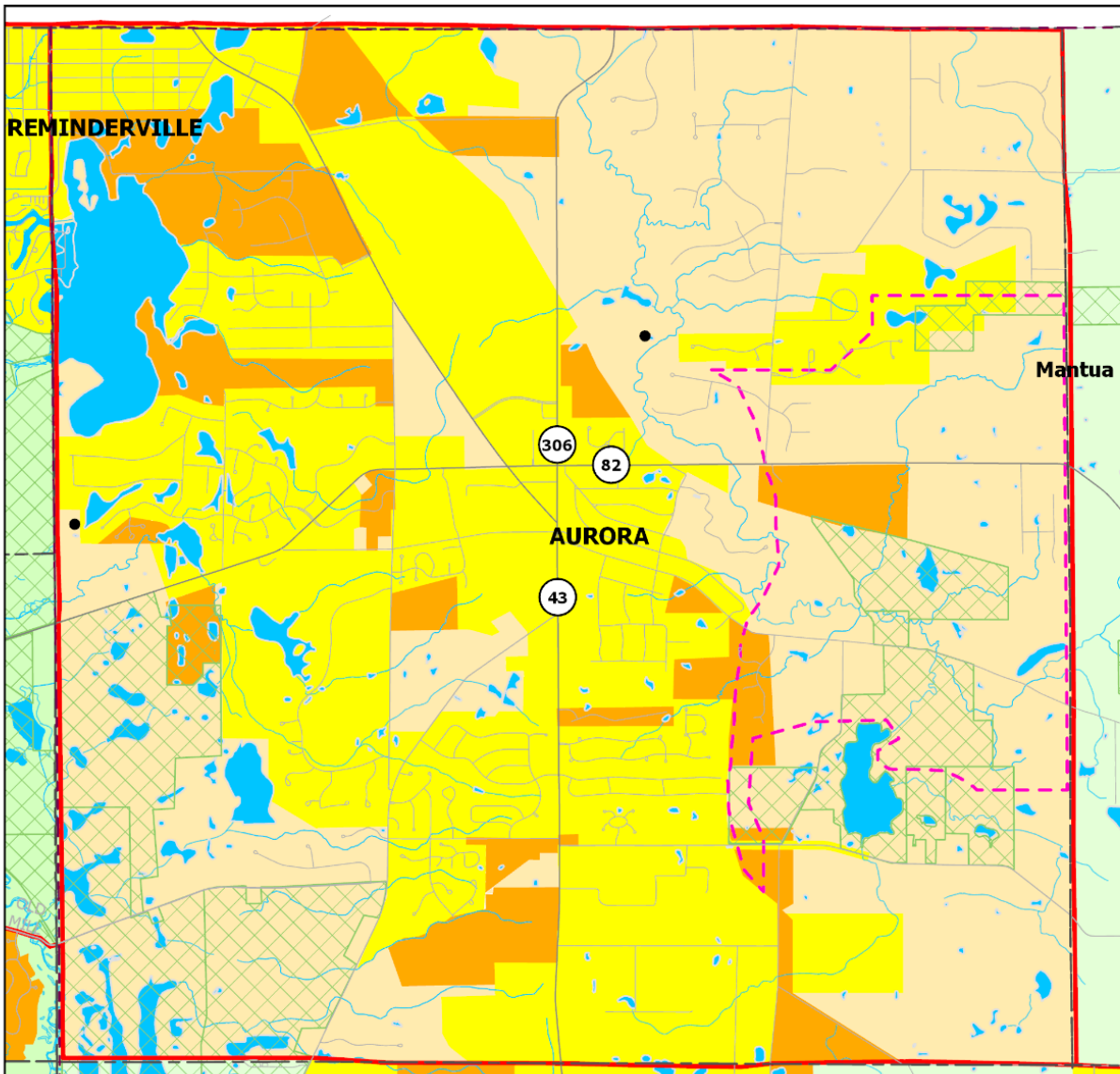
Aurora

Facilities Planning Area

Approved by the NEFCO General Policy Board
8/21/2019

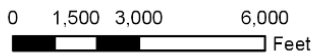
Aurora Facilities Planning Area

208 Clean Water Plan



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|--|--|
| Areas Currently Served with Sanitary Sewers | FPA Boundary |
| Areas Expected to be Served with Sanitary Sewers within the next 20 years | Stream |
| Areas that will be served by Home Sewage and Semi-Public Sewage Disposal Systems | Community Boundary |
| Areas that will be served by a POTW or by a Home Sewage or Semi-Public Disposal System | Numbered Route |
| Potential Additional Sanitary Sewer System Service Area | Other Road |
| Parks and Natural Areas | Publicly Owned Wastewater Treatment Works (POTW) |
| Lakes and Ponds | |

* Please see Clean Water Plan text for a complete explanation of the mapping categories.
 * Please see the FPA Reference Map (figure 3-1a) for names of adjacent FPAs .



Northeast Ohio Four County Regional Planning and Development Organization, 2019
 Sources: Portage County GIS; Summit County GIS; Ohio EPA; National Hydrologic Database; NEFCO; ESRI World Topo Map

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Aurora Facilities Planning Area

I. Existing Situation

A. County/Basin:

Portage/Lake Erie

B. Facilities Planning Area:

Aurora

C. Designated Management Agency (DMA):

I. Primary DMA

a) City of Aurora

II. Secondary DMA

a) City of Aurora

D. Publicly-Owned Treatment Works:

a) Aurora Central WWTP, 1.0 MGD

b) Aurora Westerly WWTP, 1.4 MGD

E. Facilities Plan:

a) Western Reserve Consultants, Inc., City of Aurora, Ohio and Mantua Twp., Western Portion Central facilities Plan (Amended), May, 1979.

b) Havens and Emerson Ltd., Facilities Plan for the Upper Tinkers Creek Watershed, Three Rivers Watershed District, 1975

F. Area Served:

City of Aurora

G. Receiving Stream:

a) Aurora Branch of the Chagrin

b) Pond Brook Tributary

H. Contact Person/Address/Phone/Fax:

Mr. Harry Stark, MPA, CPMSM

Director of Public Services

City of Aurora

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Aurora, Ohio 44202

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I. Population Served:

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

a) Aurora Central (Chagrin River)

	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
201	6,638	7,146	7,768	8,680	----	----	----	----
Approved 208	3,888	4,046	4,668	5,180	----	----	----	----

b) Aurora Westerly

201	17,880	20,244	21,301	23,150	----	----	----	----
Approved 208	7,558	8,051	9,145	11,209	----	----	----	----

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 City of Aurora Service Director, August, 1999.

Aurora Jurisdictions:

Areas Currently Sewered (yellow):

These areas are currently served with sanitary sewers except for isolated pockets of Household Sewage Treatment Systems (HSTS). Existing HSTSs must be abandoned when sewers are available within 100 feet of the property on which the building is located. Otherwise, existing HSTSs may be upgraded upon failure. All sewered areas will be connected to a specified existing Publicly-Owned Treatment Facility (POTW).

Areas Expected To Be Served with Sanitary Sewers Within the Next 20 Years (orange):

All future sewers will be connected to a specified existing POTW. Existing HSTSs must be abandoned when sewers are available within 100 feet of the property on which the building is located. Otherwise, existing HSTSs may be upgraded upon failure. However, new on-site systems may be used but must meet with Portage County Health Department (PCHD) criteria. The areas will be served by sanitary sewers only at property owner's expense.

1. The area west of SR 43 generally between Mennonite and Lena Drive has a proposed residential subdivision which will provide sewers to the Sturbridge Place subdivision portion. Adjacent lots not included in the development would also be able to connect to the new sewer in this subdivision.
2. The Forest Ridge subdivision south of S.R. 82 and north of Tinkers Creek State Nature Preserve is still under construction and is scheduled to be sewered with 91 homes planned for development.

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3. East of the Conrail tracks on the south side of Treat Road. The majority of this area has been rezoned to 'PD' and is a part of the Barrington development. Central sewers will be provided by the developer. The 23 acre parcel directly to the East of the Conrail tracks now contains a development with multi-family residences, four per unit. Sewers were installed and all 21 units and the club house are connected to City sewer.
4. Homestead Development in the northeasterly quadrant preliminarily planned for 142 lots on 256 acres of land. Central sewers will be provided by the developer. The advent of the Homestead development will present an opportunity to extend sewers into Beechwood Allotment (Circlewood Drive), an old development with a history of problems with existing HSTS's.
5. West of Cochran Road in the Lakes of Aurora development. Central sewers will be provided by the developer. This development was completed with sanitary sewers installed and connections for each unit. There are 43 units proposed and currently 1 is under construction.
6. Industrially-zoned land on the west side of S.R. 43 opposite Lena Drive. An 85 acre industrial development known as Davis Development is under review by the City. Central sewers will be provided by the developer
7. The area bounded by S.R. 43, Squires Road, the north corporation line, the Conrail tracts and Treat Road is not currently sewered with the exception of a commercial parcel at the corner of Squires and S.R. 43. The area is presently being used for parking. Sewers can be extended into the area if and when required, but has not yet been extended.
8. With the recent advent of sewers in the Lakes of Aurora development west of Cochran Road, sewers are considered available if and when required for the Aurora Hill Colony development (known locally as Weston Woods). Aurora Hill Colony dates to the 1950s. It is served by existing HSTSs which in many cases have caused problems to the environment. There are many unoccupied lots which do not meet the PCHD's current area requirement for an HSTS. Extension of the central sewer system into the development is possible if the residents are willing to participate in the cost. However, since the lots are generally large, the cost of a central sewer system becomes prohibitive. Sanitary sewers were installed throughout the entire Aurora Hill Colony (known as Weston Woods) in 2008.

Areas That Will be Served by On-Site Non-discharging Systems (cream):

In the northeasterly, southeasterly and southwesterly areas of the City, new development is expected to be "large lot" (low density) with non-discharging or discharging on-site systems. In all cases, the City relies on the criteria, and approval, of the PCHD for on-site sewage systems. On-site systems would expect to be upgraded upon failure. With the exception of the proposed Homestead Development with possible extension into Beechwood Allotment, and the area on the south side of Treat Road, west of S. R. 306, there is no planning for sanitary sewer service to these areas.