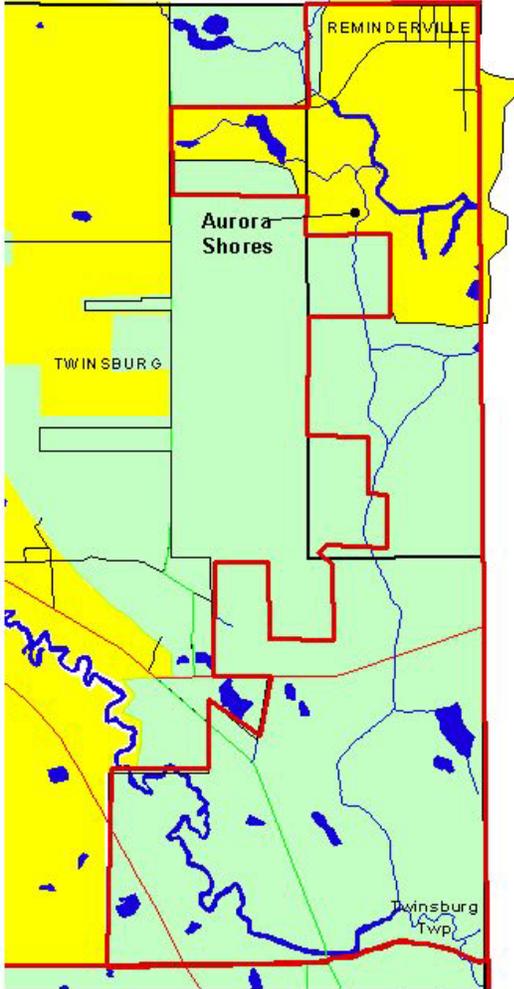


## **Appendix 3-4**

### **Pond Brook Facilities Planning Area**

**Figure 3-4**  
**Pond Brook Facilities Planning Area**  
 Clean Water Plan Update for the Lake Erie Basin



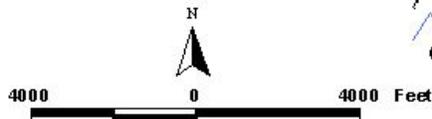
**Pond Brook Facilities Planning Area**

- Areas Currently Sewered
- Areas That Will be Served by a POTW or by On-Site Nondischarging Systems
- Lakes and Ponds

- Pond Brook FPA Boundary
- Political Boundary
- State Routes and Interstate Hwys
- County Roads
- City, Village and Township Roads
- Railroads
- Streams
- Publicly-Owned Wastewater Treatment Plant

\* Please see 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, April 9, 2003.

Source: Mahtab, Ohio Department of Natural Resources; Division of Real Estate and Land Management; Summit County DOES.

## **Pond Brook Facilities Planning Area**

### **I. Existing Situation**

#### **A. County/Basin:**

Summit/Lake Erie

#### **B. Facilities Planning Area:**

Pond Brook (part of this area was previously referred to as Aurora Westerly)

#### **C. Designated Management Agency (DMA):**

##### I. Primary DMA

a) Summit County Department of Environmental Services

##### II. Secondary DMA

a) Twinsburg Township Water and Sewer District (TTWSD)

b) Summit County Metropolitan Sewer District (Dept. of Environmental Services) (SCMSD)

c) Portage County Water Resources (Portage County Regional Sewer District PCRSD)

#### **D. Publicly-Owned Treatment Works:**

Aurora Shores WWTP, 0.2500 MGD

#### **E. Facilities Plan:**

Havens and Emerson Lmt., Facilities Plan for the Upper Tinkers Creek Watershed, Three Rivers Watershed District, 1975. M.A. Picone, Facilities Plan Appendix for the Summit County Portion of the Pond Brook Watershed, December, 1976.

#### **F. Area Served:**

Village of Reminderville, Twinsburg Township (part)

#### **G. Receiving Stream:**

Pond Brook

#### **H. Contact Person/Address/Phone/Fax:**

Mr. James Demboski, P.E., Director  
Summit County 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>
201	----	----	----	----	----	----	----	----
Approved 208	----	----	----NOT AVAILABLE----			----	----	----

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 Summit County Department of Environmental Services, May 1, 2000.

### *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. Due to the limited capacity of the County's Aurora Shores POTW capacity may not be available for new development. 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 at an existing POTW. Failing HSDSs serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 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.

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

The Pond Brook area of Summit County is predominantly rural with large undeveloped tracts of land and vacant lots subject to improvement and has no existing subdivisions using HSDSs for wastewater treatment. 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. Remote metes-and-bounds residential parcels may be improved with new HSDSs provided the local health department finds that soils are suitable or that other mutually agreeable methods of wastewater treatment can be obtained without causing off-lot discharge of effluent. 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. 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.

It is anticipated that sanitary sewer will be available in the uncertain future through efforts of Summit County to establish a major POTW to serve the area or through negotiations with any of the Cities of Twinsburg, Aurora and Solon. Until that time, it is recommended that no major subdivisions or new multi-unit development occur until sanitary sewer service is available. It is strongly advised that no new single-unit construction occur on metes-and-bounds parcels using HSDSs be permitted. If such were allowed it may circumvent efforts to provide area-wide sanitary service.