

September 20, 2002

Mr. Christopher Campbell
Public Works Director
City of Twinsburg
10075 Ravenna Road
Twinsburg, OH 44087

SUBJECT: NEFCO approval of the Twinsburg Facilities Plan 201 Update for the City
of Twinsburg

Dear Mr. Campbell:

Enclosed for your records and use is a signed resolution from the NEFCO General Policy Board indicating its approval of the Twinsburg Facilities Plan 201 Update for the City of Twinsburg. Also enclosed are pertinent maps, letters, wastewater management prescriptions, and NEFCO's Consistency Review for your project.

Please let me know if you have any questions or comments on the materials.

Sincerely,

Joseph Hadley Jr.
Executive Director

JH:rlm

pc: Ms. Mohr, City of Twinsburg
Mr. Bell, Ohio EPA - NEDO
Mayor Alonso, Village of Reminderville
Mr. Glover, Twinsburg Township Trustees
Mr. Demboski, Summit County DOES
Mr. Oeltjen, City of Aurora
Mr. Hall, Twinsburg Township Water and Sewer District

**RESOLUTION OF THE GENERAL POLICY BOARD OF THE NORTHEAST OHIO
FOUR COUNTY REGIONAL PLANNING AND DEVELOPMENT ORGANIZATION
(NEFCO) APPROVING AN UPDATE TO THE CITY OF TWINSBURG FACILITIES
PLAN IN SUMMIT COUNTY, OHIO TO REVISE THE FPA BOUNDARY AND
ESTABLISH WASTEWATER PRESCRIPTIONS FOR AREAS IN THE CITY OF
TWINSBURG AND PORTIONS OF TWINSBURG TOWNSHIP**

WHEREAS, NEFCO is the designated water quality management planning agency for Portage, Stark, Summit and Wayne Counties; and

WHEREAS, as part of that designation it is NEFCO=s responsibility to coordinate the use and update of its Clean Water Plan, also known as the 208 Plan; and

WHEREAS, NEFCO has been requested by the City of Twinsburg to consider an update to the City of Twinsburg Facilities Plan (201) in Twinsburg Township in Summit County, Ohio; and

WHEREAS, the Ohio Environmental Protection Agency (Ohio EPA) is requiring NEFCO=s approval of this as a condition for issuing permits in the City of Twinsburg Facilities Planning Area; and

WHEREAS, the City of Aurora, the Village of Reminderville, the Twinsburg Township Water and Sewer District, Twinsburg Township and the Summit County Department of Environmental Services have approved this update; and

WHEREAS, the NEFCO staff have reviewed this request using approved 208 Plan consistency criteria and found that the amendment would update the 201 facilities plan=s Aprescriptions for wastewater disposal and treatment@ for the City of Twinsburg Service Area in Twinsburg Township, and change the facilities planning area boundary; and

WHEREAS, the NEFCO Environmental Resources Technical Advisory Committee (ERTAC) performed a technical review of this request and recommended conditional approval, and the condition has been met;

NOW, THEREFORE, BE IT RESOLVED that the NEFCO General Policy Board approves the Update to the City of Twinsburg Facilities Plan (201) for Twinsburg Township in Summit County. Furthermore, the Board directs staff to incorporate this into NEFCO=s Clean Water Plan and to transmit this to the Summit County Department of Environmental Services, the City of Twinsburg, the Twinsburg Township Trustees, the Village of Reminderville, the City of Aurora, the Twinsburg Water and Sewer District, and the Ohio EPA.

Certified as action taken by the NEFCO
General Policy Board at its regular
meeting held on September 18, 2002

Donald Jenkins, Secretary
NEFCO General Policy Board

Purpose

The purpose of this 201 Update is to update the facilities planning area of the Twinsburg and Aurora-Westerly Facilities Planning Areas (FPAs).

Introduction

On October 18, 1972, the Federal Water Pollution Control Act (FWPCA) Amendment (also known as the Clean Water Act), Public Law 92-5000, was passed by the United States Congress. The law, its amendments, and the programs derived from its statutes established a national water quality policy for the United States. Section 201 of Title 11 of the Act required, in part, communities to study and make recommendations for the property development and implementation of wastewater management plans and practices to achieve the goals of the Act.

Area boundaries were drawn by local and area-wide planning agencies to determine the facilities planning area for the study and to evaluate existing and proposed water pollution control facilities. Within each Facilities Plan, studies were made to determine how the sanitary wastewater would be disposed of from an area-wide concept. Conclusions were drawn based on sanitary sewer availability, federal grant eligibility, population projections, etc. However, with the loss of grant monies and with the passage of over twenty years, it is now time to revisit the original facilities plan.

In 1975, the Facilities Plan for the Upper Tinkers Creek Watershed, Three Rivers Watershed District (Upper Tinkers Creek and Pond Brook Watersheds) Wastewater Management Study, shown in Figure 1, four sewerage service areas were proposed to serve the Three Rivers Watershed District, namely; Twinsburg, Aurora Westerly, Streetsboro and Hudson.

According to the Three Rivers Watershed District, the Twinsburg service area included most of the City of Twinsburg, a portion of Twinsburg Township and the Macedonia #1 (Roseland Estates). The Aurora-Westerly comprised of Geauga Lake, Aurora Shores, Aurora Acres, Walden and Four Seasons, the Village of Reminderville and a portion of the City of Twinsburg, Twinsburg Township and Aurora.

The Twinsburg-Aurora service area included the western portion of the City of Aurora, the Village of Reminderville and a portion of Twinsburg Township. Present facilities in this area include treatment plants at Geauga Lake, Aurora Acres, Aurora Shores, Waldon and Four Seasons. These facilities were to be phased out, and the wastewater was to be conveyed by a trunk sewer system to a collection point on Route 82 just west of Pond Brook. However, the sanitary sewer facilities depicted in the Three Rivers Upper Tinkers Creek and the Twinsburg Aurora Facilities Plan for the Twinsburg Township area have not been installed.

Twinsburg Facilities Planning Area

I. Existing Situation

A. County/Basin:

Summit/Lake Erie

B. Facilities Planning Area:

Twinsburg

C. Designated Management Agency (DMA):

I. Primary DMA

a) City of Twinsburg

II. Secondary DMA

a) Twinsburg Water and Sewer District

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

D. Publicly-Owned Treatment Works:

Twinsburg WWTP, 3.4000 MGD

E. Facilities Plan:

John David Jones and Associates, Inc., The City of Twinsburg Facilities Plan, was submitted to Ohio EPA in December, 1985. However, the plan which was prepared by Finkbeiner, Pettis and Strout, was subsequently approved by Ohio EPA in March, 1986.

F. Area Served:

City of Twinsburg, Twinsburg Township

G. Receiving Stream:

Tinkers Creek

H. Contact Person/Address/Phone/Fax:

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 City of Twinsburg
 Division of Public Works
 10231 Ravenna Road
 Twinsburg, Ohio 44087
 Phone: (330) 963-6260
 Fax: (330) 963-3552

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.

Twinsburg	1990	1995	2000	2005	2010	2015	2020	2025
201	----	2,200	----	2,400	----	----	----	----
Approved 208	2,225	2,500	3,000	3,400	----	----	----	----
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.

Note: Aurora Westerly projections were included by NEFCO for reference. These figures include population from Aurora.

II. Wastewater Treatment Planning Prescriptions and Wastewater Planning Options
Original source information provided by the City of Twinsburg's Public Works Director,
December 5, 2000.

City of Twinsburg 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/or single-family homes that are being served by household sewage disposal systems (HSDS) within this area. Existing HSDSs shall be connected to the public sanitary sewer system upon failure. All new development and construction in the yellow areas of this facility 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.

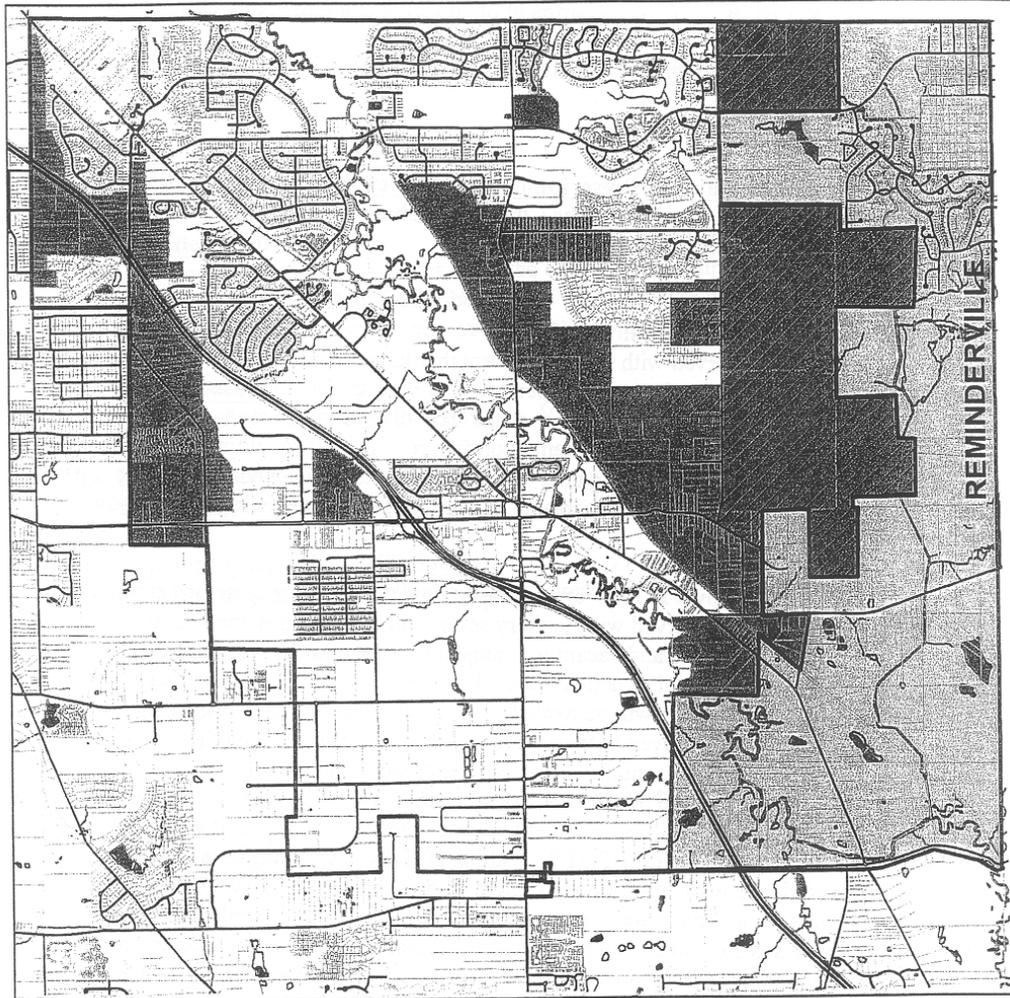
Areas that will be served by a POTW or by on-site non-discharging systems (green):

These areas are currently not served with sanitary sewer and are predominantly rural in character with large undeveloped tracts of land and vacant lots subject to improvement. All new subdivision development, whether residential or non-residential, will be required to connect 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 that the local health department finds that soils are suitable or the 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 and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Failing HSDSs service single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 (OAC 3701-29-02). However, exceptions may be (granted/requested) based on sewer availability, soil conditions, extent of failure, type of replacement system and cost of repair, provided that the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent and there is no conflict with OAC 3701-29-02.

City of Twinsburg's Facilities Planning Area

Facilities Planning Area Update

CUYAHOGA COUNTY



PORTAGE COUNTY

Legend

- Roads
- Hydrology
- Parcels
- Facilities Planning Area Boundary
- ▨ Pond Brook Facilities Planning Area
- ▧ Update Areas
- ░ Sewered Areas
- ░░ Areas that will be served by a POTW or by on-site nondischarging systems
- Lakes



Figure 1

Prepared by:
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August, 2002