

June 18, 2003

Mr. Scott Ellsworth
Summit County
Department of Environmental Services
2525 State Road
Cuyahoga Falls, Ohio 44223

SUBJECT: NEFCO approval of the Springfield, Franklin-Green, and Barberton-Wolf
Creek Facilities Plans (201) Update for the City of Green in Summit
County

Dear Mr. Ellsworth:

Enclosed for your records and use is the signed resolution from the NEFCO General
Policy Board indicating its approval of the Springfield, Franklin-Green, and Barberton-
Wolf Creek Facilities Plans (201) Update for the City of Green in Summit County. Also
included are pertinent maps, letters, wastewater management prescriptions, and
NEFCO's Clean Water Plan Consistency Review for your update.

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

Sincerely,

Joseph Hadley, Jr.
Executive Director

JH:rlm

pc: Mr. Demboski, Summit DOES
Mr. Bell, Ohio EPA-NEDO
Mayor Croghan/Mr. Wiethe, City of Green
Mr. Waltz, City of Barberton
Mr. Armogida, Stark County Sanitary Engineer
Mr. Culver, Village of New Franklin
Mr. Bollas, Franklin Twp. Trustees
Mr. Bulgrin/Mr. Beckham, Coventry Twp.

**General Policy Board Item No. 4
Resolution No. FY2003-024**

**RESOLUTION OF THE GENERAL POLICY BOARD OF THE NORTHEAST OHIO
FOUR COUNTY REGIONAL PLANNING AND DEVELOPMENT ORGANIZATION
(NEFCO) APPROVING UPDATES TO THE SPRINGFIELD, FRANKLIN-GREEN, AND
BARBERTON-WOLF CREEK FACILITIES PLANS FOR THE CITY OF GREEN IN
SUMMIT COUNTY WHICH REVISE THESE PLANS' FACILITIES PLANNING AREA
BOUNDARIES AND WASTEWATER PRESCRIPTIONS FOR THE CITY OF GREEN**

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 Summit County Department of Environmental Services to consider an update to the Springfield, Franklin-Green, and Barberton-Wolf Creek Facilities Plans within the City of Green, in Summit County; 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 Green; and

WHEREAS, the Cities of Green and Barberton, the Village of New Franklin, and Franklin and Coventry Townships were contacted regarding this update; and

WHEREAS, the NEFCO staff have reviewed this request using approved 208 Plan consistency criteria and found that the revisions would update the 201 facilities plans' "prescriptions" for wastewater disposal and treatment and change those plans' facilities planning area boundaries within the City of Green; and

WHEREAS, the NEFCO Environmental Resources Technical Advisory Committee (ERTAC) performed a technical review of this request and recommended approval,

NOW, THEREFORE, BE IT RESOLVED that the NEFCO General Policy Board approves the updates to the Springfield, Franklin-Green, and Barberton-Wolf Creek Facilities Plans for the City of Green 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 Cities of Green and Barberton, the Village of New Franklin, Franklin and Coventry Townships, and the Ohio EPA.

Certified as action taken by the NEFCO
General Policy Board at its regular
meeting held on June 18, 2003

Richard Regula, Secretary
NEFCO General Policy Board

201 UPDATE FOR THE SPRINGFIELD, FRANKLIN-GREEN AND BARBERTON-WOLF CREEK FACILITIES PLANS FOR THE CITY OF GREEN, SUMMIT COUNTY, OHIO

June, 2003

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 proper 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 evaluation of existing and proposed water pollution control facilities. Within each Facilities Plan, studies were made to determine how sanitary wastewater would be disposed of from an area wide concept. Conclusions were drawn based on sanitary sewer availability, federal grant eligibility and population projections and other criteria. 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.

Purpose

The purpose of this 201 Update is to update the City of Green's wastewater prescriptions and wastewater treatment options as shown on Figure 1. It is also the intent of this update to revise the facilities planning area boundaries of the Summit County Springfield Facilities Plan, the Summit County Franklin-Green Facilities Plan and to remove the Barberton-Wolf Creek Facilities Planning area from the City of Green, as shown on Figure 2.

It should also be noted that NEFCO's General Policy Board has previously approved the Stark-Summit Service Area on May 19, 1999.

Springfield No. 91 Facilities Planning Area

I. Existing Situation

A. County/Basin:

Summit, Stark and Portage / Ohio River Basin

B. Facilities Planning Area:

Springfield No. 91

C. Designated Management Agency:

I. Primary DMA

a) Summit County Department of Environmental Services

II. Secondary DMAs

a) Portage County Water Resources Department

b) Stark County Metropolitan Sewer District

D. Publicly-Owned Treatment Works:

Springfield No. 91 WWTP, 4.0000 MGD

E. Facilities Plan:

Springfield Facilities Plan, John David Jones and Associates, Inc., April, 1975, revised July, 1975.

F. Area Served:

Summit County - Coventry Township (part), Springfield Township (part), Franklin Township (part) and the City of Green (part)
Portage County - Suffield Township (part)
Stark County - Lake Township (part)

G. Receiving Stream:

Tuscarawas River

H. Contact Person/Address/Phone/Fax:

a. 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

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

c. Mr. Michael Armogida, P.E., Director
Stark County Metropolitan Sewer District
P.O. Box 7906
1701 Mahoning Road N.E.
Canton, Ohio 44705-7906
Phone: (330) 438-9303
Fax: (330) 453-9044

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>
Springfield								
201	36,120	38,820	41,040	-----	-----	-----	-----	-----
Approved 208	36,080	38,530	40,310	-----	-----	-----	-----	-----
Franklin-Green								
201	25,415	26,945	28,280	-----	-----	-----	-----	-----
Approved 208	25,200	26,400	27,400	-----	-----	-----	-----	-----
Barberton -								
Wolf Creek								
201	72,360	74,950	76,790	77,470	-----	-----	-----	-----
Approved 208	64,723	65,702	65,679	66,962	-----	-----	-----	-----

	Census							
*City of Green	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
	-----	-----	22,817	21,830	21,930	23,260	23,920	25,027

* All projections were adopted by NEFCO's Board in 2000. Prepared by the Northeast Ohio Four County Regional Planning and Development Organization (NEFCO) and the Akron Metropolitan Area Transportation Study (AMATS), May 2000.

II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Original source information provided by the Summit County Department of Environmental Services, August, 2002.

Summit County Department of Environmental Services Jurisdiction – City of Green

Areas currently sewerred with sanitary sewers (yellow):

These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there are undeveloped tracts of land and vacant lots subject to development. All new development and construction in the yellow areas of this facilities planning area will be required to connect to and/or provide sanitary sewer service to ensure that wastewater will be treated and discharged at an existing publicly-owned treatment works (POTW). Failing home sewage treatment systems (HSTSs) 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 sewer service to ensure that wastewater will be treated at an existing POTW.

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

This area located within the City of Green contains large undeveloped tracts of land and vacant lots subject to improvement. All new commercial, industrial, institutional and residential developments in this area shall be required to connect to the existing sanitary sewer system, for the removal of sanitary wastewater from each new facility within the new development, fully observing all regulations of governing agencies. The developer shall be required to extend new sanitary sewers from the proposed development to the existing sanitary system that is served by an existing publicly-owned wastewater treatment facility.

Existing (developed) commercial, industrial, institutional, multi-family and residential properties within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal of sanitary wastewater from the existing properties. Failing HSTS serving single-family homes shall be treated in accordance with the OAC 3701-29-02. HSTS shall be considered appropriate for new single-family houses built on metes-and-bounds parcels within this area that are not part of any existing subdivision and are not located adjacent to any publicly-owned sanitary sewer system. The decision shall be determined on a case-by-case basis, and in accordance with local zoning, the local planning agency, and provided that the local health department finds that the soils are suitable to assure there will be no-off-lot discharge of effluent.

Areas that will be served by a publicly-owned treatment works (POTW) or by home sewage treatment systems (HSTSs), semi-public sewage disposal systems (SPSDSs), and other non-discharging systems (green):

These are rural areas with large undeveloped tracts of land and vacant lots subject to improvement with many subdivisions developed in the past using HSTSs for wastewater treatment. All new residential and non-residential subdivision developments, will be

required to connect to and/or provide sanitary sewer 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 HSTS provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent. Failing HSTS serving single-family homes shall be treated in accordance with OAC 3701-29-02.

Areas that will be served by HSTSs, SPSDSs, and other non-discharging systems (cream):

These are rural areas with large undeveloped tracts of land and vacant lots subject to improvement with a limited number of subdivisions using HSTSs as the primary method for wastewater treatment. These are areas in which new development is expected to be “large-lot” low density, with non-discharging household treatment and semi-public disposal systems as the primary method for the treatment of wastewater. Existing HSTSs and non-single-family private treatment systems, which fail to operate properly, will be required to be replaced and/or upgraded.

Stark-Summit Service Area (dark green):

New development in the Stark-Summit Service Area is recommended to be served with sanitary sewers discharging into either sanitary sewer outlets owned and operated by Stark County, one being at the County line on Greensburg Road and the other being on Mount Pleasant Road at Lauby Road. All developmental enterprises and non-residential land improvement companies shall be required to extend the necessary sanitary sewers within the Stark-Summit Service Area to provide service to their improvements, fully observing all regulations of governing agencies.

No HSTSs are recommended within this service area for new developments or subdivisions. However, HSTSs are appropriate for single-family houses within existing subdivisions served by such systems, or for new homes built on metes-and-bounds parcels not part of any subdivision and are not located adjacent to any publicly-owned sanitary sewer system. The decision shall be determined on a case-by-case basis and in accordance with local zoning, the local planning agency or the Summit County Health Department. If the installation of an HSTS has been denied, the individual residential unit(s) shall be required to connect to an existing county-owned sanitary sewer. In accordance with Rules established under Section 6117 of the Ohio Revised Code and applicable county rules, any (operating, failing, failed) HSTS, package plant, non-discharging and/or discharging semi-public system must connect to a county-owned sanitary sewer if the sanitary sewers are available.