

NEFCO

NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING & DEVELOPMENT ORGANIZATION

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Richard Regula, Chairman

Joseph Hadley, Jr., Executive Director

August 17, 2022

Stark County Metropolitan Sewer District
Attn: James Brandenburg
PO Box 9972
Canton, OH 44711-0972

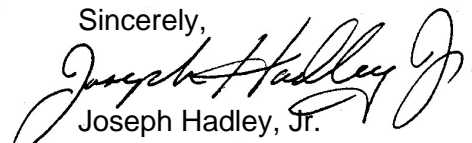
SUBJECT: NEFCO approval of an Amendment to the Clean Water Plan for the Brewster Facilities Planning Area (FPA) and the Navarre FPA to modify the FPA boundary and update the wastewater treatment prescriptions for the Justus and Harmon neighborhoods in Sugarcreek Township in the Brewster and Navarre FPAs

Dear Mr. Brandenburg:

Enclosed for your records is a signed resolution from the NEFCO General Policy Board indicating its approval of your requested amendment to the Clean Water Plan for the Brewster Facilities Planning Area (FPA) and the Navarre FPA to modify the FPA boundary and update the wastewater treatment prescriptions for the Justus and Harmon neighborhoods in Sugarcreek Township in the Brewster and Navarre FPAs. Also enclosed are the pertinent maps and related materials for this amendment. Thank you for all of your assistance in our 208 planning process. If you would like a hard copy of these documents, please contact us.

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

Sincerely,



Joseph Hadley, Jr.
Executive Director

JH:rlm

pc: Patricia Vanah, Ohio EPA-NEDO
Bill Smith, Stark County Board of Commissioners
Paul DePasquale, Stark County Health Department
Zach Wisselgren, Village of Navarre
Mike Miller, Village of Brewster
Tim Regula, Sugarcreek Township Trustee

M E M O R A N D U M

TO: NEFCO General Policy Board

FROM: Tom LaPlante, Water Quality/Environmental Planner

DATE: August 10, 2022

SUBJECT: Consideration of an Amendment to the Clean Water Plan for the Brewster Facilities Planning Area (FPA) and the Navarre FPA to modify the FPA boundary and update the wastewater treatment prescriptions for the Justus and Harmon neighborhoods in Sugarcreek Township in the Brewster and Navarre FPAs

What's being requested:

The Stark County Metropolitan Sewer District (SCMSD) is requesting an amendment to the Brewster and Navarre Facilities Planning Areas (FPAs), Clean Water Plan Appendices 3-17 and 3-24, respectively, to:

- 1) expand the Brewster FPA boundary to include the Harmon neighborhood located between the Villages of Brewster and Navarre in Sugarcreek Township, on the north and south sides of State Route 62;
- 2) redefine the Navarre FPA boundary to exclude the Harmon neighborhood; and
- 3) change the wastewater treatment prescriptions for parcels within the Justus and Harmon neighborhoods in Sugarcreek Township to better reflect current and anticipated treatment methods (see list below and Figure 1).

Background (adapted from information provided by the Stark County Metropolitan Sewer District):

The Justus and Harmon neighborhoods in Sugarcreek Township have previously been identified by the Stark County Health Department (SCHD) as having a high rate of failing home sewage treatment systems. NEFCO completed a report on June 15, 2016 titled, "Stark County Failing Home Sewage Treatment Systems Prioritization Analysis" that further details the treatment issues and identifies and ranks eleven priority unsewered areas in Stark County. In that report, the Harmon neighborhood was ranked the second highest of the identified eleven priority unsewered areas and the Justus neighborhood was ranked the sixth highest.

SCMSD is planning the construction of sewer collection systems within the Justus and Harmon neighborhoods to reduce the public health risks identified and prioritized by SCHD and NEFCO in the 2016 report.

Facilities Planning Area (FPA) boundary change:

The current Navarre FPA includes the neighborhood of Harmon (Figure 2). The proposed FPA boundary modification will place the Harmon neighborhood in the Brewster FPA from the Navarre FPA, allowing the proposed sewer collection system to move wastewater to the existing Brewster collection system (Figure 3). The boundary modification will allow a more economical means of wastewater transmission and treatment, reducing geographical challenges and economic impact for both construction and long-term maintenance and operation of the proposed wastewater infrastructure. All resulting wastewater will be treated at the Village of Brewster's existing wastewater treatment plant, which has the capacity to accept the additional flow and loading.

The eastern Brewster FPA boundary will be moved eastward to the Sugarcreek-Bethlehem Township line. This boundary change will shift the entire Harmon neighborhood, and surrounding undeveloped parcels, from the Navarre FPA into the Brewster FPA (Figure 3).

Because the Brewster and Navarre FPAs share a common border, the area added to the Brewster FPA will be subtracted from the Navarre FPA.

Wastewater prescription change:

In addition to the boundary changes described, this amendment will modify the existing wastewater prescriptions in the Justus and Harmon neighborhoods to reflect the anticipated method of treatment based on a recent engineering analysis and planned collections system construction. These wastewater treatment prescription changes are detailed and summarized on a separate page below.

Local governments/agencies affected:

Stark County Board of Commissioners, Stark County Health Department, Village of Navarre, Village of Brewster, and Sugarcreek Township.

On June 13, 2022, SCMSD sent a request-for-comment letter to all five affected local government entities. The sample letter and responses from all five affected local government entities for this 45-day request-for-comment period, which ended on July 28, 2022, are on file with NEFCO. The responses indicate that all five have “no objection” to the amendment.

Public notification efforts:

A legal notice describing the proposed amendment was published in the Canton Repository on June 17, 2022 (attached). No comments were received by SCMSD.

Specific proposed changes to the current FPA Appendix in the Clean Water Plan:

Changes to Appendix 3-17 Brewster FPA, page 3-17-5; and to Appendix 3-24 Navarre FPA, pages 3-24-5 and 3-24-6 are indicated in the attachments. These pertain to the addition of a written treatment prescription for the orange areas under SCMSD’s jurisdiction. This language is missing in the existing prescription for these FPAs. A second sample letter that SCMSD sent to all five affected government entities regarding this is on file with NEFCO and resulted in no objections to this addition.

Staff recommendation:

At the ERTAC meeting on August 3, 2022, staff recommended approval of the amendment.

Environmental Resources Technical Advisory Committee (ERTAC) Recommendation to the NEFCO General Policy Board:

The ERTAC recommended approval of the amendment.

NEFCO General Policy Board Action:

Approval of Resolution No. FY2023-003.

RESOLUTION OF THE GENERAL POLICY BOARD OF THE NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING AND DEVELOPMENT ORGANIZATION (NEFCO) APPROVING AN AMENDMENT TO THE CLEAN WATER PLAN FOR THE BREWSTER FACILITIES PLANNING AREA (FPA) AND THE NAVARRE FPA TO MODIFY THE FPA BOUNDARY AND UPDATE THE WASTEWATER TREATMENT PRESCRIPTIONS FOR THE JUSTUS AND HARMON NEIGHBORHOODS IN SUGARCREEK TOWNSHIP IN THE BREWSTER AND NAVARRE FACILITIES PLANNING AREAS

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, amendments to, and updates of its Clean Water Plan, also known as the 208 Plan; and

WHEREAS, NEFCO has been requested by the Stark County Metropolitan Sewer District to consider an amendment to the Clean Water Plan for the Brewster Facilities Planning Area (FPA) and the Navarre FPA to modify the FPA boundary and update the wastewater treatment prescriptions for the Justus and Harmon Neighborhoods in Sugarcreek Township in the Brewster and Navarre FPAs; and

WHEREAS, this amendment expands the Brewster FPA boundary to include the Harmon neighborhood located between the Villages of Brewster and Navarre in Sugarcreek Township, on the north and south sides of State Route 62; and

WHEREAS, this amendment redefines the Navarre FPA boundary to exclude the Harmon neighborhood; and

WHEREAS, this amendment changes the wastewater treatment prescriptions for parcels within the Justus and Harmon neighborhoods in Sugarcreek Township to better reflect current and anticipated treatment methods; and

WHEREAS, the affected local and county governments and all affected agencies have been contacted regarding the proposed amendment and none have objected to it; and

WHEREAS, a legal advertisement that described the proposed amendment and sought comments on it, yielded no comments or questions during the public comment period; and

WHEREAS, this amendment changes the map from the current Clean Water Plan Appendix 3-17 Brewster Facilities Planning Area and the text by adding a written wastewater treatment prescription for the "orange areas" under the Stark County Metropolitan Sewer District's jurisdiction; and


WHEREAS, this amendment changes the map from the current Clean Water Plan Appendix 3-24 Navarre Facilities Planning Area and the text by adding a written wastewater treatment prescription for the "orange areas" under the Stark County Metropolitan Sewer District's jurisdiction; and

WHEREAS, Ohio EPA has requested NEFCO's approval of this amendment as a step in its permitting process; and

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

NOW, THEREFORE, BE IT RESOLVED that the NEFCO General Policy Board approves this amendment to the Clean Water Plan for the Brewster Facilities Planning Area (FPA) and the Navarre FPA to modify the FPA boundary and update the wastewater treatment prescriptions for the Justus and Harmon neighborhoods in Sugarcreek Township in the Brewster and Navarre FPAs. Furthermore, the Board directs staff to incorporate this amendment into NEFCO's Clean Water Plan and to transmit pertinent amendment materials to the Stark County Metropolitan Sewer District, Stark County Board of Commissioners, Stark County Health Department, Villages of Brewster and Navarre, Sugarcreek Township, and Ohio EPA.

Certified as action taken by the NEFCO
General Policy Board at its regular
meeting held on August 17, 2022.



Todd Peetz, Secretary
NEFCO General Policy Board

Wastewater treatment prescription changes from the proposed Brewster and Navarre FPA Clean Water Plan amendment

Justus neighborhood:

The prescription for these 35 parcels will change from orange: "Areas Expected to be Served with Sanitary Sewers within the next 20 Years" to green: "Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems":

6700507	6700402	6702237	6701065	6700415	10009677
6700416	6700403	6700406	6701067	6700921	10009678
6700697	6701952	6700407	6701209	6703292	10009679
6700698	6703291	6700405	6703323	10009674	10009680
6700159	6702910	6701212	6700505	10009675	6700408
6702393	6702912	6700417	6700504	10009676	

The prescription for these 7 parcels will change from green: "Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems" to orange: "Areas Expected to be Served with Sanitary Sewers within the next 20 Years":

6701918	6700492	6700493	6701232
6700854	6700855	6702065	

Harmon neighborhood:

The prescriptions for these 60 parcels will change from cream: "Areas that will be served by Home Sewage and Semi-Public Sewage Disposal Systems" to orange: "Areas Expected to be Served with Sanitary Sewers within the next 20 Years":

6701904	6701428	6700614	6700498	6700340	6700524
6700549	6700594	6701088	6700610	6704341	6702467
6700339	6700593	6701089	6700611	6702143	6703402
6700338	6700763	6701090	6701096	6700007	6700531
6703281	6701136	6701123	6701213	6700955	6701010
6703401	6701019	6701124	6701023	6700380	6701133
6702343	6701020	6701125	6780108	6700103	6701109
6701135	6701021	6701143	6701069	6700230	6701015
6700997	6701085	6701091	6702049	6701445	6700521
6701016	6700996	6702886	6700177	6701446	10011910

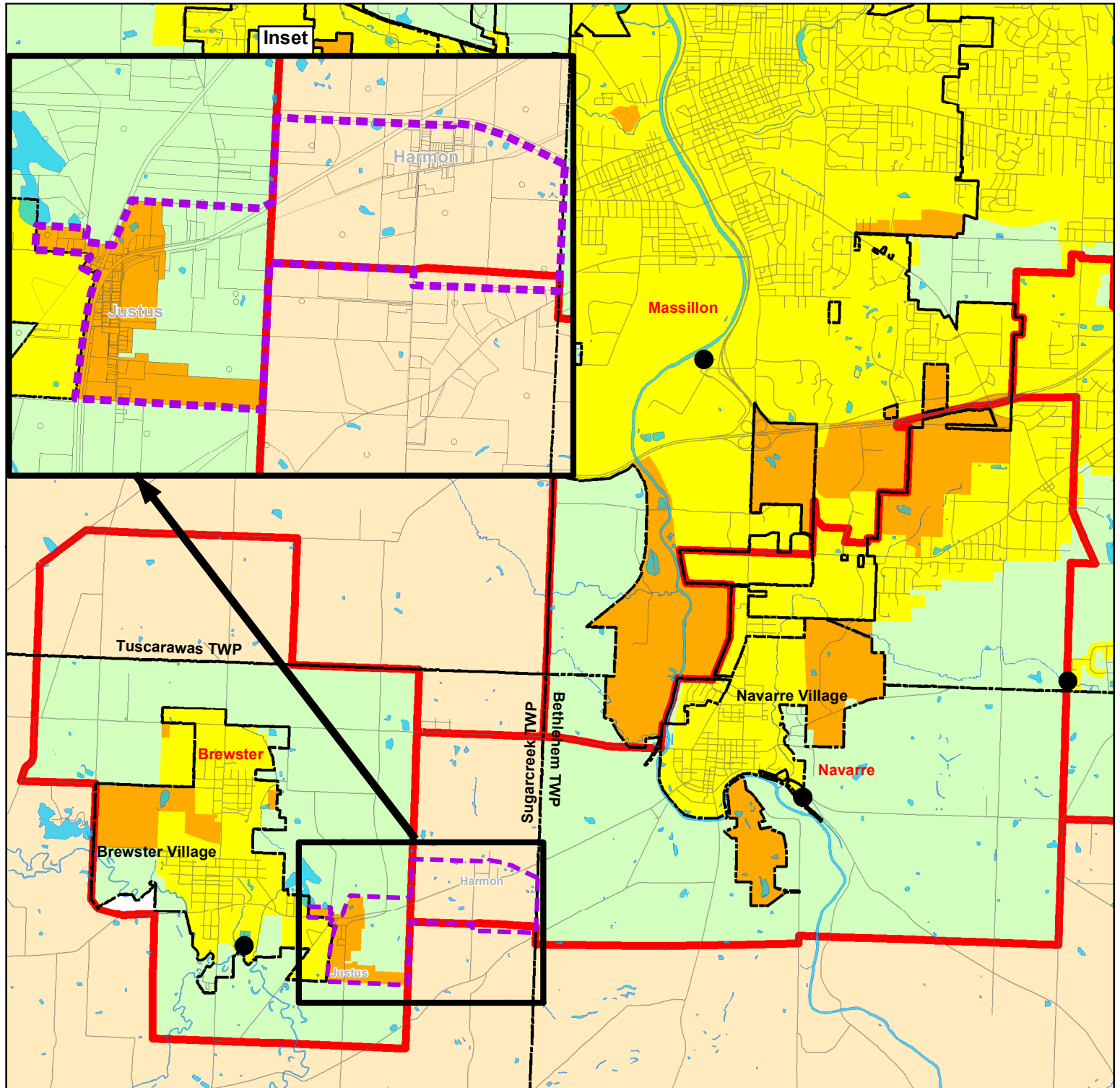
The prescriptions for these 8 parcels will change from cream: "Areas that will be served by Home Sewage and Semi-Public Sewage Disposal Systems" to green: "Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems":

6700756	6700871	6704043	10008844
6700870	6799045	6704041	10008843

Summary:

The prescriptions for a total of 110 parcels will be modified with the amendment: The prescriptions for a total of 67 parcels will be modified to become orange: "Areas Expected to be Served with Sanitary Sewers within the next 20 Years" to allow the Stark County Metropolitan Sewer District to extend sewers to the Justus and Harmon neighborhoods in Sugarcreek Township, as planned. The prescriptions for a total of 43 parcels will be modified to become green: "Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems".

**Figure 1 - Clean Water Plan Amendment
Brewster Facilities Planning Area (FPA) & Navarre FPA
Amendment Location**



- Areas Currently Served with Sanitary Sewers
- Areas Expected to be Served with Sanitary Sewers within the next 20 years
- Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems
- Areas that will be Served by a POTW or by a Home Sewage and Semi-Public Disposal System
- Areas Without a Wastewater Treatment Planning Prescription
- Lakes and Ponds

- FPA Boundary
- Stream
- Community Boundary
- Highway
- Publicly-Owned Wastewater Treatment Plant
- Location of Proposed Amendment Area

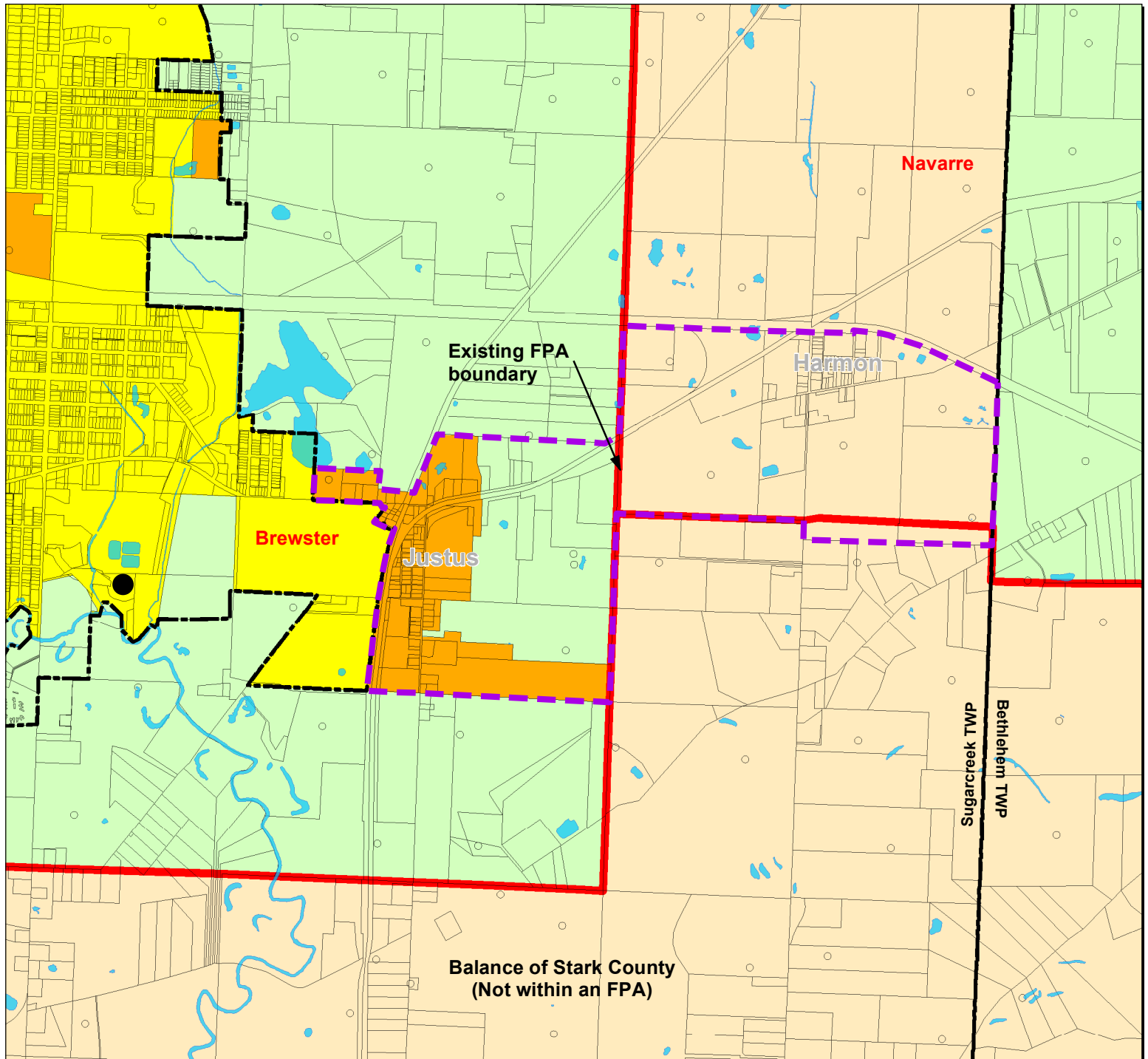
* Please see Clean Water Plan text for a complete explanation of the mapping categories.

* Please see the FPA Reference Map (figure 3-1a) for names of adjacent FPAs.

0 0.5 1 2 3 Miles



**Figure 2 - Clean Water Plan Amendment
Brewster Facilities Planning Area (FPA) & Navarre FPA
Existing FPA Boundaries & Wastewater Treatment Prescriptions**



- Areas Currently Served with Sanitary Sewers
- Areas Expected to be Served with Sanitary Sewers within the next 20 years
- Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems
- Areas that will be Served by a POTW or by a Home Sewage and Semi-Public Disposal System
- Areas Without a Wastewater Treatment Planning Prescription
- Lakes and Ponds

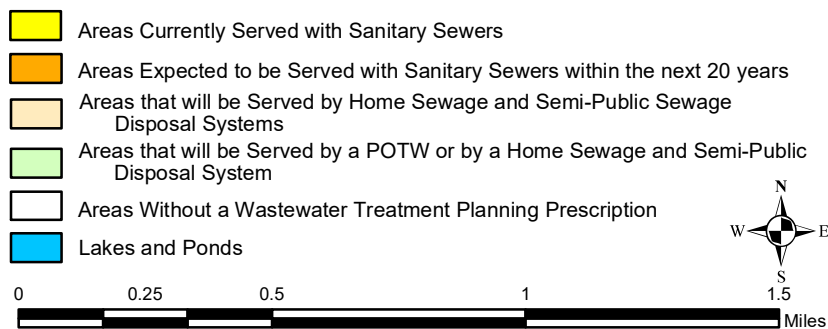
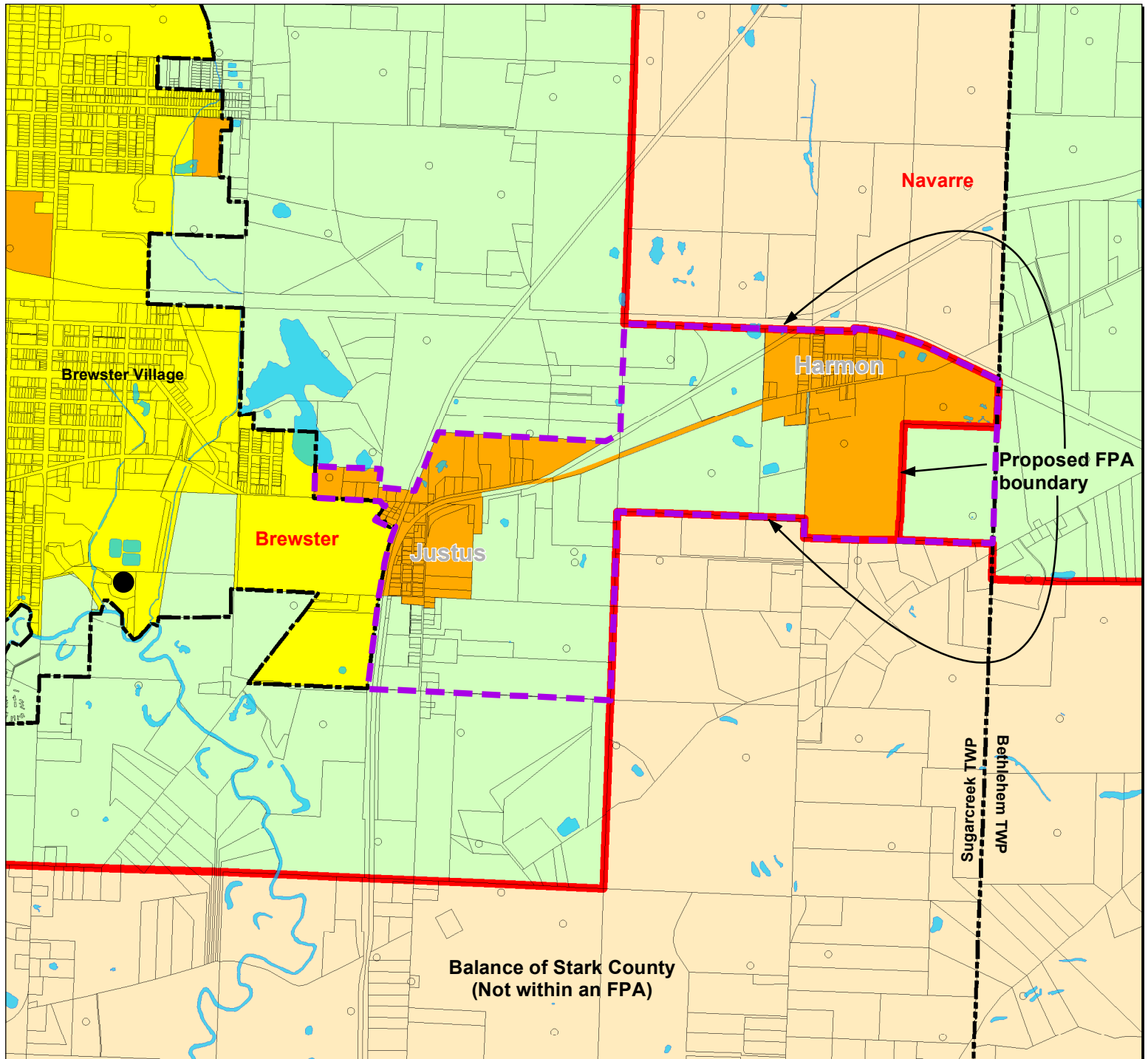
- FPA Boundary
- Stream
- Community Boundary
- Highway
- Publicly-Owned Wastewater Treatment Plant
- Location of Proposed Amendment Area

* 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.



**Figure 3 - Clean Water Plan Amendment
Brewster Facilities Planning Area (FPA) & Navarre FPA
Proposed FPA Boundaries & Wastewater Treatment Prescriptions**



* 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.



Public Notices

stipulated.

The Supplier must be an Equal Opportunity Employer.

Board of Stark County
Commissioners
Leslie Gulley,

Purchasing Manager

Published in The Repository
June 17 and June 24, 2022.

LEGAL NOTICE

The Stark County Metropolitan Sewer District (SCMSD) is soliciting comments on a proposal to modify the Brewster and Navarre Facilities Planning Areas of the NEFCO 208 Clean Water Plan. The amendment will expand the Brewster FPA boundary to include the Harmon neighborhood, which is currently part of the Navarre FPA. The Navarre FPA boundaries would be reduced to exclude the Harmon neighborhood.

The wastewater treatment prescriptions in Harmon and Justus will be modified to reflect anticipated treatment methods. Parcels to be served by sanitary sewer as part of P-604, SCMSD's project currently in design for the installation of sewer collection systems in both



Public Notices

neighborhoods, will become "Areas Expected to be Served with Sanitary Sewers within the next 20 Years". Once the project is constructed and Harmon & Justus have the availability of a sanitary collection system, treatment prescriptions will be changed to "Areas Currently Served with Sanitary Sewers" as part of NEFCO's next regional 208 plan update.

Any parcel in the amended Brewster or Navarre FPA that is not anticipated to be served by collections systems as part of P-604 will be changed to "Areas that will be Served by a Publicly-Owned Treatment Works or by Home Sewage and Semi-Public Sewage Disposal Systems".

Comments will be accepted until July 6, 2022.

Comments, questions or requests for additional information may be directed by mail to James Brandenburg, P.O. Box 9972 Canton, Ohio 44711, by phone at (330)-451-2313 or by email at jdbrandenburg@starkcounty-ohio.gov.

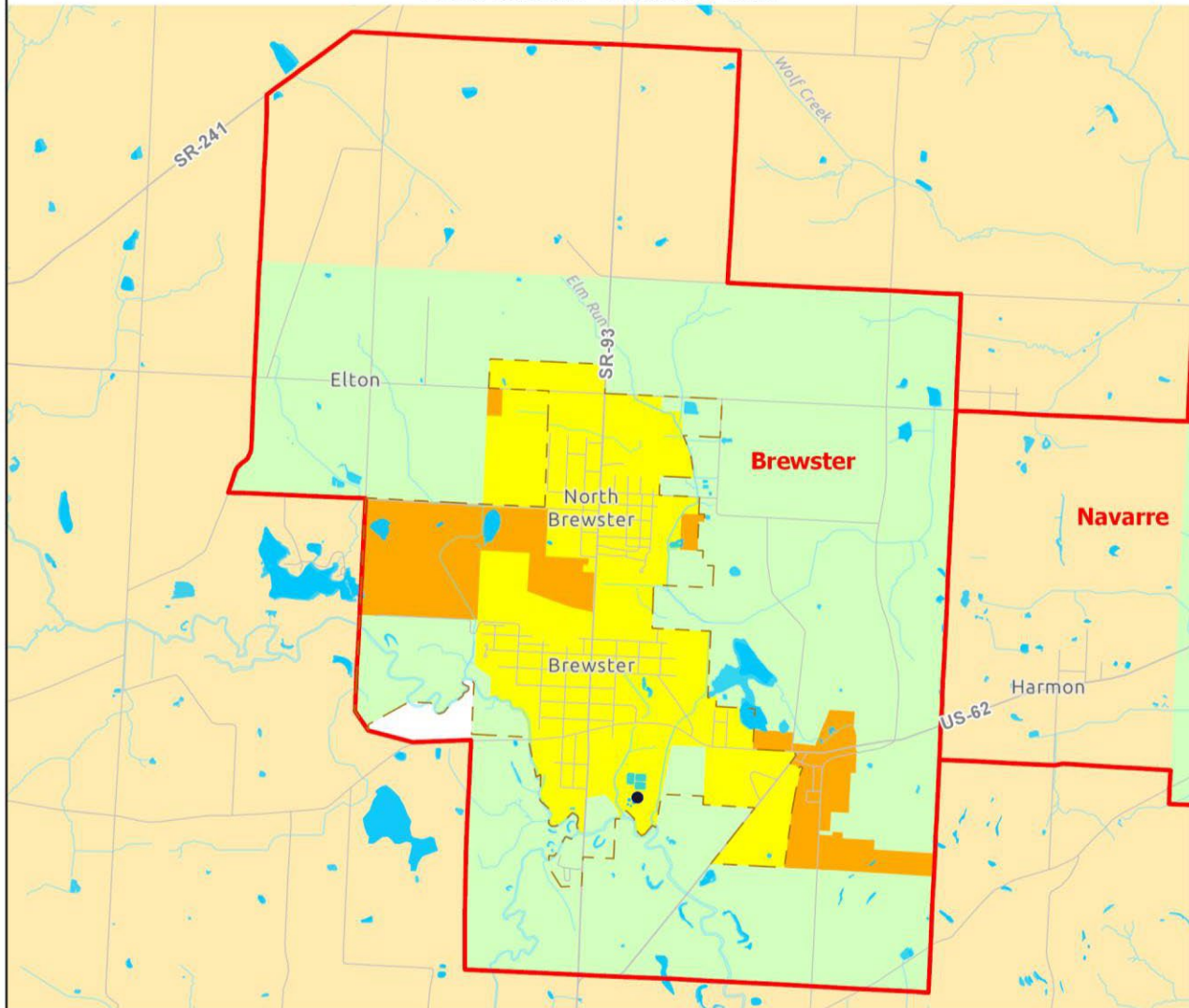
Published in The Repository
on June 17, 2022.

Appendix 3-17

Brewster Facilities Planning Area

Brewster Facilities Planning Area

208 Clean Water Plan



- Areas Currently Served with Sanitary Sewer
- Areas Expected to be Served with Sanitary Sewers within the next 20 Years
- Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems
- Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems
- Areas Without a Wastewater Treatment Planning Prescription
- Lakes and Ponds

- FPA Boundary
- Stream
- Municipal Boundary
- County Boundary
- Numbered Route
- Other Road
- Publicly Owned Wastewater Treatment Works (POTW)

0 0.5 1
Miles



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

* Please see the FPA Reference Map (Appendix 3-1) for names of adjacent FPAs.

Northeast Ohio Four County Regional Planning and Development Organization, 2020
Sources: Stark County GIS; Ohio EPA; National Hydrologic Database; AMATS; NEFCO; ESRI base map.

Brewster Facilities Planning Area

I. Existing Situation

A. County/Basin:

Stark/Ohio River Basin

B. Facilities Planning Area:

Brewster

C. Management Agency (MA):

I. Primary MA

a) Village of Brewster

II. Secondary MA

a) Stark County Metropolitan Sewer District

D. Publicly-Owned Treatment Works:

Village of Brewster WWTP, 0.0665 MGD

E. Facilities Plan:

Village of Brewster, Stark County, Ohio: Facilities Plan. September, 1979. Prepared by Richland Engineering, Limited, Mansfield, Ohio.

F. Area Served:

Stark County - Village of Brewster, Sugar Creek Township (part), and Tuscarawas Township (part)

G. Receiving Stream:

Sugar Creek, tributary to the Tuscarawas River

H. Contact Person/Address/Phone/Fax:

a. Mr. Mike Miller, Village Administrator

Village of Brewster

302 South Wabash Avenue

Brewster, Ohio 44613

Phone: (330) 767-3931

Fax: (330) 767-4607

b. Mr. Jim Troike, P.E., Sanitary Engineer

Stark County Metropolitan Sewer District

P.O. Box 9972

1701 Mahoning Road. N.E.

Canton, Ohio 44711-0972

Phone: (330) 451-2303

Fax: (330) 451-2368

I. Population Served:

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

	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
Brewster						
201	4,090	-----	-----	-----	-----	-----
Approved 208	3,368	3,479	-----	-----	-----	-----

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 Prescription and Wastewater Planning Options

Original source information provided by the Village of Brewster, and the Stark County Metropolitan Sewer District, January 15, 2004

Village of Brewster Jurisdiction (in progress)

Areas Currently Served with Sanitary Sewers (yellow):

Areas Expected to be Served with Sanitary Sewers within the next 20 Years (orange):

Areas that will be Served by a Publicly-Owned Treatment Works (POTW) or by Home Sewage and Semi-Public Sewage Disposal Systems (SPSDSs) (green):

Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems (cream):

Areas without a Wastewater Treatment Planning Prescriptions (white):

These areas currently lack wastewater treatment prescriptions. Future wastewater treatment options will be determined by documented impacts to water resources and “best science” which is defined as the regulatory standards as set by current State and Federal regulations.

The above Wastewater Treatment Planning Prescriptions and Wastewater Planning Options need more detail. We encourage the village to provide sufficient wastewater prescriptions to allow Ohio EPA to effectively enforce the community’s wastewater planning desires.

Stark County Metropolitan Sewer District Jurisdiction

Areas Currently Served with Sanitary Sewers (yellow):

These areas are currently served with sanitary sewer. However, there still may be undeveloped parcels of land that are subject to improvement and isolated structures that are not connected to sanitary sewer.

All new developments in yellow areas will be required to connect to existing sanitary sewer or construct a new sanitary mainline sewer to ensure that wastewater will be transported to an existing publicly owned treatment works (POTW). Properties served by household sewage treatment systems (HSTS), small flow on-site sewage treatment systems (SFOSTS), or semi-public sewage treatment systems will be required to connect to sanitary sewer when it becomes available. The cost of such sewer connection shall be born by the property owner. Properties with failing HSTS, SFOSTS, or semi-public sewage treatment systems will be required to connect to existing sanitary sewer, or a mainline sanitary sewer must be

Approved by the NEFCO General Policy Board

constructed by the property owner to ensure that wastewater will be transported to and treated by a POTW. HSTS, SFOSTS and semi-public sewage treatment systems shall be abandoned in accordance with law. For both new and existing developments, the Stark County Sanitary Engineer will determine whether or not the sewer connection is acceptable. If it is determined by the Stark County Sanitary Engineer that the POTW and/or sanitary sewer do not have capacity to accept the connection, or there are other physical, legal or financial barriers prohibiting connections, then documentation that adequately and reasonably supports the claim must be provided to the Stark County Board of Health and/or Ohio EPA. The Board of Health or Ohio EPA, whichever has legal authority over the development, after review of the information, may permit the use of onsite sewage treatment systems. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. For HSTS and SFOSTS, limited variances to any provision of this prescription may be granted by the Stark County Board of Health, based on sanitary sewer availability and/or accessibility, threat to public health or other unique conditions.

Areas Expected to be Served with Sanitary Sewers within the Next 20 years (orange):

These areas contain large undeveloped tracts of land and vacant lots subject to improvement. New commercial, industrial, institutional, and residential subdivisions in these areas shall be required to connect to existing sanitary sewers for removal and conveyance of sanitary wastewater to a POTW. Areas programmed for sewers within the next 20 years shall be required to extend new sanitary sewer service from the proposed area to the existing sanitary sewer system that is served by a POTW. Individual residentially zoned parcels may be improved with new HSTS's provided the Stark County Combined Health District finds that conditions are suitable, and the sanitary collection system is not available or is inaccessible. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. Properties served by, or accessible to, sanitary sewers must be connected even if that requires a pump system to ensure that wastewater will be transported and treated at a POTW. Failing HSTS's serving single, two, and three family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29- 02. Variances to any provision of this prescription may be granted by The Stark County Combined Health District based on sanitary sewer availability, threat to the public health, other unique conditions. Publicly operated wastewater treatment plants, commonly referred to as "package plants," may be approved for new residential, commercial, or industrial subdivisions upon the approval of the Stark County Sanitary Engineer, The Stark County Combined Health District, and the Ohio EPA.

**Areas that will be Served by a POTW or Home Sewage and Semi-Public Disposal Systems (green):
(Subdivisions)**

New commercial, industrial and residential subdivisions required to be platted by state and/or local regulations will be required to provide sanitary sewer service to ensure that sanitary wastewater will be transported to and treated at an existing POTW when:

1. An existing sewer, owned and operated by a Management Agency (MA), is within 2,500 ft. of the property proposed for development. For subdivisions which require pumping to reach an existing sewer, the development must comprise a minimum of 50 single-family

Approved by the NEFCO General Policy Board

lots, or the development must be projected to produce the equivalent sewage flow of 50 single-family lots.

2. It is determined by the Stark County Sanitary Engineer that the POTW and existing sanitary sewer have capacity to accept flow from the proposed development.
3. The Stark County Sanitary Engineer deems the connection to sewer as acceptable.
4. There are no other physical, legal, or financial barriers prohibiting such connection.

If it is determined that such a barrier exists, then documentation that adequately and reasonably supports the claim must be provided to the Stark County Board of Health and/or the Ohio EPA. The Stark County Board of Health or the Ohio EPA, whichever has legal authority over the development, after review of the information, may permit the use of onsite sewage treatment systems. In no case shall a system producing an off-site discharge be permitted for new development. For HSTS and SFOSTS, limited variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary availability and/or accessibility, threat to public health or other unique conditions. New, centralized wastewater treatment systems serving new developments with more than one lot/parcel, excluding approved SFOSTS, will not be approved.

(Individual Lots - residential)

New residential development on existing, individual parcels/lots or newly created, unplatted parcels will be required to provide sanitary sewer service to ensure that sanitary wastewater will be transported to and treated at an existing POTW when:

1. An existing sewer, owned and operated by a Management Agency (MA), is within 400 ft. of the parcel/lot proposed for development.
2. It is determined by the Stark County Sanitary Engineer that the POTW and existing sanitary sewer have capacity to accept flow from the proposed development.
3. The Stark County Sanitary Engineer deems the connection to sewer as acceptable.
4. There are no physical, legal, or financial barriers prohibiting such connection.

If it is determined that such a barrier exists, then documentation that adequately and reasonably supports the claim must be provided to the Stark County Board of Health. The Stark County Board of Health, after review of the information, may permit the use of onsite sewage treatment systems. Where sanitary sewer is currently not accessible, individual parcels may be improved with new HSTS or SFOSTS, provided the Stark County Health Department finds that conditions are suitable. In no case shall a system producing an off-site discharge of effluent be permitted for new construction. An owner of an existing parcel served by an HSTS or a SFOSTS may extend a mainline sanitary sewer to the parcel so that wastewater is transported to an existing POTW, when and if the Stark County Sanitary Engineer deems the extension and connection as acceptable. When sanitary sewer becomes available, existing HSTS, SFOSTS and semi-public sewage treatment systems shall be abandoned in accordance with law, and the parcel shall be connected to sanitary sewer at the cost of the parcel owner. For HSTS and SFOSTS, variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary sewer availability and/or accessibility, threat to the public health or other unique conditions.

New POTW and sanitary sewer intended to serve areas of existing residential development served by HSTS, SFOSTS and semi-public sewage treatment systems are acceptable.

Approved by the NEFCO General Policy Board

(Individual Lots - non-residential)

New commercial development on existing individual parcels or newly created unplatted parcels will be required to provide sanitary sewer service to ensure that sanitary wastewater will be transported to and treated by an existing POTW when:

1. An existing sanitary sewer, tributary to a POTW, is within 1,000 ft. of the property proposed for development.
2. It is determined by the Stark county Sanitary Engineer that the POTW and existing sanitary sewer have capacity to accept flow from the proposed development.
3. The Stark County Sanitary Engineer deems the connection to sewer as acceptable.
4. There are no physical, legal, or financial barriers prohibiting such connection.

If it is determined that such a barrier exists, documentation shall be provided to the Stark County Board of Health and/or Ohio EPA. The Board of Health or Ohio EPA, whichever has legal authority over the development, after review of the information, may permit the use of onsite sewage treatment systems. In no case shall a system producing an off-site discharge of effluent be permitted for new construction. For HSTS and SFOSTS, limited variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary sewer availability and/or accessibility, threat to public health or other unique conditions. New, centralized wastewater treatment systems serving new development with more than one lot/parcel, excluding approved SFOSTS, will not be approved. Properties served by existing, failing semi-public treatment systems or SFOSTS, when deemed necessary by the Stark County Board of Health or Ohio EPA, will be required to connect to existing sanitary sewer, sanitary sewer service must be provided by the property owner to ensure that wastewater will be transported to and treated by an existing POTW. Otherwise, failing semi-public treatment systems and SFOSTS must be repaired or replaced to current standards. At the cost of the property owner, all properties served by semi-public treatment systems or SFOSTS, including functioning systems, shall be connected to sanitary sewer when it becomes available or when the property owner is so directed by the Ohio EPA, Stark County Board of Health or Board of Stark County Commissioners.

Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems (cream):

These areas are, for the most part, a great distance from existing sanitary sewers. Approval of connections to sanitary sewer for treatment of effluent at a POTW will be rare. Cream areas that appear closer to existing sewers are often burdened with other limitations to sanitary sewer to connection, such as: sanitary sewer capacity, physical obstructions to sewer construction, and flood plains.

Where sanitary sewer is not accessible, as determined by the Stark County Board of Health in conjunction with the Stark County Sanitary Engineer, new HSTS, SFOSTS or semi-public treatment systems may be permitted for subdivisions or individual parcels, based on evaluation and approval of the Stark County Board of Health or Ohio EPA, depending on authority granted by statute. In no case shall a system producing an off-site discharge of effluent be permitted for new construction. New, centralized wastewater treatment systems

serving new development for more than one individual parcel, except approved SFOSTS, will not be approved. If sewer is not available, failing sewage treatment systems will be required to be repaired in accordance with Stark County Board of Health or Ohio EPA requirements, depending upon authority granted by statute.

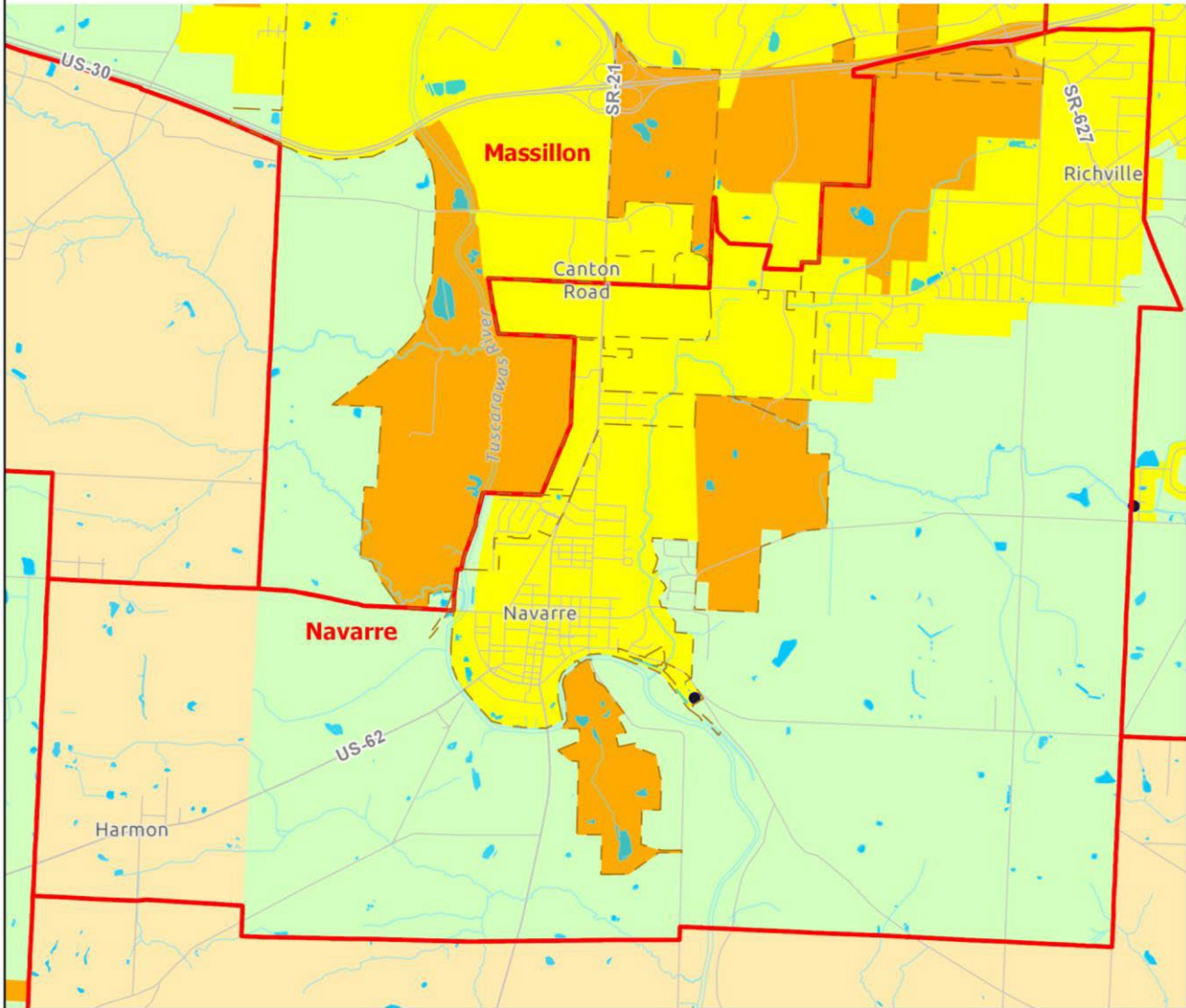
Upon sanitary sewer becoming available, properties served by HSTS, SFOSTS or semi-public treatment systems will be required to connect to sanitary sewer to ensure that wastewater will be transported to and treated by a POTW. When sanitary sewer is available, HSTS, SFOSTS and semi-public sewage treatment systems shall be properly abandoned in accordance with law and the property shall be connected to sanitary sewer at the cost of the property owner. For HSTS and SFOSTS, variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary sewer availability and/or accessibility, threat to public health or other unique conditions.

Appendix 3-24

Navarre Facilities Planning Area

Navarre Facilities Planning Area

208 Clean Water Plan



- Areas Currently Served with Sanitary Sewer
- Areas Expected to be Served with Sanitary Sewers within the next 20 Years
- Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems
- Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems
- Areas Without a Wastewater Treatment Planning Prescription
- Lakes and Ponds

- FPA Boundary
- Stream
- Municipal Boundary
- County Boundary
- Numbered Route
- Other Road
- Publicly Owned Wastewater Treatment Works (POTW)

0 0.5 1
Miles



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

* Please see the FPA Reference Map (Appendix 3-1) for names of adjacent FPAs.

Northeast Ohio Four County Regional Planning and Development Organization, 2020
Sources: Stark County GIS; Ohio EPA; National Hydrologic Database; AMATS; NEFCO; ESRI base map.

Navarre Facilities Planning Area

I. Existing Situation

A. County/Basin:

Stark/Ohio River Basin

B. Facilities Planning Area:

Navarre

C. Management Agency (MA):

I. Primary MA

a) Village of Navarre

II. Secondary MA

a) Stark County Metropolitan Sewer District

D. Publicly-Owned Treatment Works:

Navarre WWTP, 1.0000 MGD

E. Facilities Plan:

The Navarre Facilities Plan, a segmented facilities plan, was prepared by George A. Fielder and Associates of Dover, Ohio, October 17, 1983. The Navarre plan addresses all of the FPA except the northeast portion (Richville area). The Richville area, known as P-352, is northeast of the village wholly within Perry Township. P-352 has an existing plan which has been update by Frank A. Thomas and Associates.

F. Area Served:

Stark County – City of Massillon (part), Village of Navarre, Bethlehem Township (part), Sugar Creek Township (part), and Perry Township (part)

G. Receiving Stream:

Tuscarawas River

H. Contact Person/Address/Phone/Fax:

a. Mr. Zach Wisselgren

Village Administrator and Utility Superintendent

Village of Navarre

27 Canal Street West

Navarre, Ohio 44662

Phone: (330) 309-5447

Email: administrator@navarreohio.net

b. Mr. Jim Troike, P.E., Sanitary Engineer
Stark County Metropolitan Sewer District
P.O. Box 9972
1701 Mahoning Road. N.E.
Canton, Ohio 44711-0972
Phone: (330) 451-2303
Fax: (330) 451-2368

I. Population Served:

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

	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
Navarre						
201	10,956	-----	-----	-----	-----	-----
Approved 208	9,307	10,489	-----	-----	-----	-----

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 Prescription and Wastewater Planning Options

Original source information provided by the Village of Navarre, (in progress) and the Stark County Metropolitan Sewer District, January 15, 2004.

Village of Navarre Jurisdiction (in progress)

Areas Currently Served with Sanitary Sewers (yellow):

Areas Expected to be Served with Sanitary Sewers within the next 20 Years (orange):

These areas contain large undeveloped tracts of land, with the only structure thereon being the Village of Navarre elevated 500,000 gallon water tank. These areas are adjacent to industrial zones and are anticipated to be used for further industrial development. New commercial, industrial, or other development in these areas shall be required to connect to existing sanitary sewers for removal and conveyance of sanitary wastewater to a POTW. Areas programmed for sewers within the next 20 years shall be required to extend new sanitary sewer service from the proposed area to be developed to the existing sanitary sewer system that is served by a POTW. Such connection to sanitary sewers is required even if that requires a pump system to ensure that wastewater will be transported and treated at a POTW. No HSTs are known to exist within the Prospect Park property, but if any are, they are to be abandoned in accordance with Ohio Administrative Code, Sec. 3701-29-02. Variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary sewer availability, threat to the public health, and other unique conditions.

Areas that will be Served by a Publicly-Owned Treatment Works (POTW) or by Home Sewage and Semi-Public Sewage Disposal Systems (SPSDs) (green):

Areas that will be served by HSTs and PSDs (cream):

Areas without a Wastewater Treatment Planning Prescription (white):

These areas currently lack wastewater treatment prescriptions. Future wastewater treatment options will be determined by documented impacts to water resources and “best science” which is defined as the regulatory standards as set by current State and Federal regulations.

Stark County Metropolitan Sewer District Jurisdiction**Areas Currently Served with Sanitary Sewers (yellow):**

These areas are currently served with sanitary sewer. However, there still may be undeveloped parcels of land that are subject to improvement and isolated structures that are not connected to sanitary sewer.

All new developments in yellow areas will be required to connect to existing sanitary sewer or construct a new sanitary mainline sewer to ensure that wastewater will be transported to an existing publicly owned treatment works (POTW). Properties served by household sewage treatment systems (HSTS), small flow on-site sewage treatment systems (SFOSTS), or semi-public sewage treatment systems will be required to connect to sanitary sewer when it becomes available. The cost of such sewer connection shall be born by the property owner. Properties with failing HSTS, SFOSTS, or semi-public sewage treatment systems will be required to connect to existing sanitary sewer, or a mainline sanitary sewer must be constructed by the property owner to ensure that wastewater will be transported to and treated by a POTW. HSTS, SFOSTS and semi-public sewage treatment systems shall be abandoned in accordance with law. For both new and existing developments, the Stark County Sanitary Engineer will determine whether or not the sewer connection is acceptable. If it is determined by the Stark County Sanitary Engineer that the POTW and/or sanitary sewer do not have capacity to accept the connection, or there are other physical, legal or financial barriers prohibiting connections, then documentation that adequately and reasonably supports the claim must be provided to the Stark County Board of Health and/or Ohio EPA. The Board of Health or Ohio EPA, whichever has legal authority over the development, after review of the information, may permit the use of onsite sewage treatment systems. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. For HSTS and SFOSTS, limited variances to any provision of this prescription may be granted by the Stark County Board of Health, based on sanitary sewer availability and/or accessibility, threat to public health or other unique conditions.

Areas Expected to be Served with Sanitary Sewers within the Next 20 years (orange):

These areas contain large undeveloped tracts of land and vacant lots subject to improvement. New commercial, industrial, institutional, and residential subdivisions in these areas shall be required to connect to existing sanitary sewers for removal and conveyance of sanitary wastewater to a POTW. Areas programmed for sewers within the next 20 years shall be required to extend new sanitary sewer service from the proposed area to the existing sanitary sewer system that is served by a POTW. Individual residentially zoned parcels may be improved with new HSTS's provided the Stark County Combined Health District finds that conditions are suitable, and the sanitary collection system is not available or is inaccessible. In no case shall a system producing an off-lot discharge of effluent be

permitted for new construction. Properties served by, or accessible to, sanitary sewers must be connected even if that requires a pump system to ensure that wastewater will be transported and treated at a POTW. Failing HSTS's serving single, two, and three family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29- 02. Variances to any provision of this prescription may be granted by The Stark County Combined Health District based on sanitary sewer availability, threat to the public health, other unique conditions. Publicly operated wastewater treatment plants, commonly referred to as "package plants," may be approved for new residential, commercial, or industrial subdivisions upon the approval of the Stark County Sanitary Engineer, The Stark County Combined Health District, and the Ohio EPA.

Areas that will be Served by a POTW or Home Sewage and semi-public Sewage Disposal Systems (green):

(Subdivisions)

New commercial, industrial and residential subdivisions required to be platted by state and/or local regulations will be required to provide sanitary sewer service to ensure that sanitary wastewater will be transported to and treated at an existing POTW when:

1. An existing sewer, owned and operated by a Management Agency (MA), is within 2,500 ft. of the property proposed for development. For subdivisions which require pumping to reach an existing sewer, the development must comprise a minimum of 50 single-family lots, or the development must be projected to produce the equivalent sewage flow of 50 single-family lots.
2. It is determined by the Stark County Sanitary Engineer that the POTW and existing sanitary sewer have capacity to accept flow from the proposed development.
3. The Stark County Sanitary Engineer deems the connection to sewer as acceptable.
4. There are no other physical, legal, or financial barriers prohibiting such connection.

If it is determined that such a barrier exists, then documentation that adequately and reasonably supports the claim must be provided to the Stark County Board of Health and/or the Ohio EPA. The Stark County Board of Health or the Ohio EPA, whichever has legal authority over the development, after review of the information, may permit the use of onsite sewage treatment systems. In no case shall a system producing an off-site discharge be permitted for new development. For HSTS and SFOSTS, limited variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary availability and/or accessibility, threat to public health or other unique conditions. New, centralized wastewater treatment systems serving new developments with more than one lot/parcel, excluding approved SFOSTS, will not be approved.

(Individual Lots - residential)

New residential development on existing, individual parcels/lots or newly created, unplatted parcels will be required to provide sanitary sewer service to ensure that sanitary wastewater will be transported to and treated at an existing POTW when:

1. An existing sewer, owned and operated by a Management Agency (MA), is within 400 ft. of the parcel/lot proposed for development.
2. It is determined by the Stark County Sanitary Engineer that the POTW and existing sanitary sewer have capacity to accept flow from the proposed development.
3. The Stark County Sanitary Engineer deems the connection to sewer as acceptable.
4. There are no physical, legal, or financial barriers prohibiting such connection.

If it is determined that such a barrier exists, then documentation that adequately and reasonably supports the claim must be provided to the Stark County Board of Health. The Stark County Board of Health, after review of the information, may permit the use of onsite sewage treatment systems. Where sanitary sewer is currently not accessible, individual parcels may be improved with new HSTS or SFOSTS, provided the Stark County Health Department finds that conditions are suitable. In no case shall a system producing an off-site discharge of effluent be permitted for new construction. An owner of an existing parcel served by an HSTS or a SFOSTS may extend a mainline sanitary sewer to the parcel so that wastewater is transported to an existing POTW, when and if the Stark County Sanitary Engineer deems the extension and connection as acceptable. When sanitary sewer becomes available, existing HSTS, SFOSTS and semi-public sewage treatment systems shall be abandoned in accordance with law, and the parcel shall be connected to sanitary sewer at the cost of the parcel owner. For HSTS and SFOSTS, variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary sewer availability and/or accessibility, threat to the public health or other unique conditions.

New POTW and sanitary sewer intended to serve areas of existing residential development served by HSTS, SFOSTS and semi-public sewage treatment systems are acceptable.

(Individual Lots - non-residential)

New commercial development on existing individual parcels or newly created unplatted parcels will be required to provide sanitary sewer service to ensure that sanitary wastewater will be transported to and treated by an existing POTW when:

1. An existing sanitary sewer, tributary to a POTW, is within 1,000 ft. of the property proposed for development.
2. It is determined by the Stark county Sanitary Engineer that the POTW and existing sanitary sewer have capacity to accept flow from the proposed development.
3. The Stark County Sanitary Engineer deems the connection to sewer as acceptable.
4. There are no physical, legal, or financial barriers prohibiting such connection.

If it is determined that such a barrier exists, documentation shall be provided to the Stark County Board of Health and/or Ohio EPA. The Board of Health or Ohio EPA, whichever has legal authority over the development, after review of the information, may permit the use of onsite sewage treatment systems. In no case shall a system producing an off-site discharge of

effluent be permitted for new construction. For HSTS and SFOSTS, limited variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary sewer availability and/or accessibility, threat to public health or other unique conditions. New, centralized wastewater treatment systems serving new development with

more than one lot/parcel, excluding approved SFOSTS, will not be approved. Properties served by existing, failing semi-public treatment systems or SFOSTS, when deemed necessary by the Stark County Board of Health or Ohio EPA, will be required to connect to existing sanitary sewer, sanitary sewer service must be provided by the property owner to ensure that wastewater will be transported to and treated by an existing POTW. Otherwise, failing semi-public treatment systems and SFOSTS must be repaired or replaced to current standards. At the cost of the property owner, all properties served by semi-public treatment systems or SFOSTS, including functioning systems, shall be connected to sanitary sewer when it becomes available or when the property owner is so directed by the Ohio EPA, Stark County Board of Health or Board of Stark County Commissioners.

Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems (cream):

These areas are, for the most part, a great distance from existing sanitary sewers. Approval of connections to sanitary sewer for treatment of effluent at a POTW will be rare. Cream areas that appear closer to existing sewers are often burdened with other limitations to sanitary sewer to connection, such as: sanitary sewer capacity, physical obstructions to sewer construction, and flood plains.

Where sanitary sewer is not accessible, as determined by the Stark County Board of Health in conjunction with the Stark County Sanitary Engineer, new HSTS, SFOSTS or semi-public treatment systems may be permitted for subdivisions or individual parcels, based on evaluation and approval of the Stark County Board of Health or Ohio EPA, depending on authority granted by statute. In no case shall a system producing an off-site discharge of effluent be permitted for new construction. New, centralized wastewater treatment systems serving new development for more than one individual parcel, except approved SFOSTS, will not be approved. If sewer is not available, failing sewage treatment systems will be required to be repaired in accordance with Stark County Board of Health or Ohio EPA requirements, depending upon authority granted by statute.

Upon sanitary sewer becoming available, properties served by HSTS, SFOSTS or semi-public treatment systems will be required to connect to sanitary sewer to ensure that wastewater will be transported to and treated by a POTW. When sanitary sewer is available, HSTS, SFOSTS and semi-public sewage treatment systems shall be properly abandoned in accordance with law and the property shall be connected to sanitary sewer at the cost of the property owner. For HSTS and SFOSTS, variances to any provision of this prescription may be granted by the Stark County Board of Health based on sanitary sewer availability and/or accessibility, threat to public health or other unique conditions.