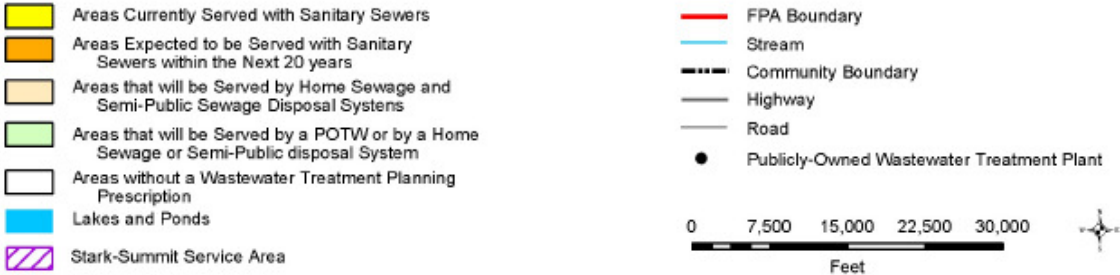
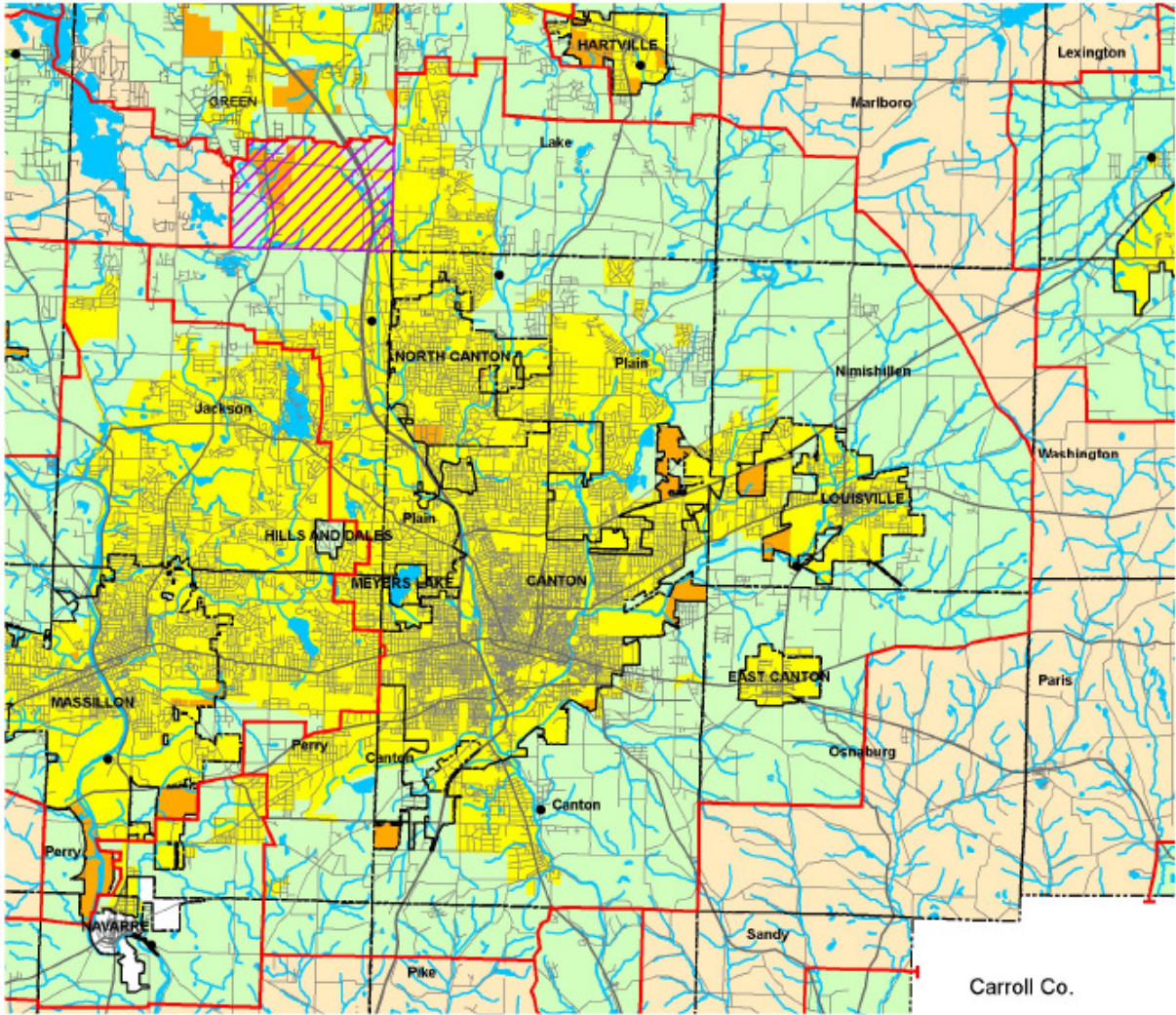


Appendix 3-19

Canton - Nimishillen Basin Facilities Planning Area

Canton-Nimishillen Facilities Planning Area

208 Clean Water Plan Update



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



Northeast Ohio Four County Regional Planning and Development Organization, June 2005.

Canton - Nimishillen Basin Facilities Planning Area

I. Existing Situation

A. County/Basin:

Stark and Summit / Ohio River Basin

B. Facilities Planning Area:

Canton - Nimishillen Basin

C. Designated Management Agency:

I. Primary DMAs

- a) City of Canton
- b) City of Louisville
- c) Stark County Metropolitan Sewer District

II. Secondary DMAs

- a) Stark County Metropolitan Sewer District
- b) City of North Canton
- c) Summit County Department of Environmental Services

D. Publicly-Owned Treatment Works:

- a. Canton Water Pollution Control Center **Reclamation Facility**, 39.0000 MGD
- b. Louisville WWTP, 2.0000 MGD
- c. **Waltham Woods WWTP, 0.300 MGD**
- d. **Molly Stark WWTP, 0.100 MGD**
- e. **Dee Mar WWTP, 0.07 MGD**

E. Facilities Plan:

There are seven separate sewer plans within the FPA involving four different consulting firms. The following plans were prepared by Frank A. Thomas and Associates: P-407, the Whipple Avenue Relief Sewer Project, August 1974; P-409, the North Canton/Stark County Sewer Project, October 1975; P-413, the Akron-Canton Airport Sewer Project, October 1974; P-428, the Middlebranch Sewer Project, July 1972. The plans for P-405, the Kent State Sewer Project, were originally prepared by Floyd G. Browne & Associates and were revised by Cooper and Associates in October 1976.

On Project P-437, the Canton/Nimishillen Facilities Plan was submitted to the Ohio EPA in December 1984. Floyd G. Browne and Associates was the consultant for the City of Canton and lead consultant for the Facilities Plan. Frank A. Thomas & Associates was the consultant for the Village of East Canton and the unincorporated area of Stark County within the planning boundaries.

Louisville

Infiltration and Inflow Analysis, City of Louisville, Ohio, Burgess & Niple, Limited.
November 1978; Sewer System Evaluation Survey, Phase I and Interim Report for thr

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City of Louisville, Ohio, Burgess & Niple, Limited, May 1980. City of Louisville, Ohio Wastewater Treatment General Plan, Burgess & Niple, Limited, August 1985. Detailed plans of the proposed upgrade of the City of Louisville WWTP were reviewed and subsequently approved by the Ohio EPA- NEDO in January 1987. The original 201 Facilities Plan for the City of Louisville, titled Waste Treatment Alternatives for the City of Louisville, Ohio was prepared by Burgess and Niple, Limited in August 1979. This 201 Facilities Plan was incorporated into the Nimishillen Regional Facilities Plan, prepared by Floyd Browne Associates, Limited in December 1984.

Project 428 Area

Frank A. Thomas and Associates, Inc., Project 428 Facilities Plan, July 1976. Frank A. Thomas and Associates, Inc., Project 428 Facilities Plan Addendum, March 1979.

F. Area Served:

Stark County - City of Canton, City of North Canton, City of Louisville, Village of East Canton, Village of Myers Lake, Plain Township, Canton Township (part), Jackson Township (part), Lake Township (part), Nimishillen Township (part), Osnauburg Township (part), and Perry Township (part)

Summit County - City of Green (part)

G. Receiving Stream:

- a. Nimishillen Creek
- b. East Branch Nimishillen Creek
- c. West Branch Nimishillen Creek
- d. Unnamed Tributary to East Branch Nimishillen Creek
- e. Fohl Ditch
- f. ~~Sherriek Run~~

H. Contact Person/Address/Phone/Fax:

- a. Mr. Tracy J. Mills, ~~WPCC~~ **WRF** Superintendent
3530 Central Avenue, S.E.
Canton, Ohio 44707-1338
Phone: (330) 489-3080
Fax: (330) 489-3084

- b. Mr. ~~Michael Armogida, Director~~ **Jim Jones, P.E., Sanitary Engineer**
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

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- c. Mr. Jim Benekos, City Engineer
 City of North Canton
 145 North Main Street
 North Canton, Ohio 44720
 Phone: (330) 499-3465
 Fax: (330) 499-6036

- d. David Marquard, Director
 Summit County Department of Environmental Services
 2525 State Road
 Cuyahoga Falls, Ohio 44223
 Phone: (330) 926-2405
 Fax: (330) 926- 2471

- e. Mr. Tom Ault, City Manager
 City of Louisville
 215 South Mill Street
 Louisville, Ohio 44641
 Phone: (330) 875-3321
 Fax: (330) 875-9091

- ~~f. Mr. Richard Friedl, Village Engineer
 Village of East Canton
 130 South Cedar Street
 East Canton, Ohio 44730
 PHONE: (330) 488-0220
 FAX: (330) 488-1300~~

I. Population Served:

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

Canton -						
Nimishillen Basin	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
201	253,997	-----	-----	-----	-----	-----
Approved 208	196,264	198,753	-----	-----	-----	-----
City of Louisville	8,904	7,859	7,730	7,648	-----	-----

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 City of Canton, January 15, 2004, the Stark County Metropolitan Sewer District, January 15, 2004, the City of North Canton, (in progress), the Summit County Department of Environmental Services, (in progress), the City of Louisville, June 2002, and the Village of East Canton, January 15, 2004.

City of Canton Jurisdiction

Areas currently served with sanitary sewers (yellow):

These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there still may be undeveloped tracts of land and vacant lots that are subject to improvement. All new developments in this planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly owned treatment works (POTW). Failing existing household sewage treatment systems (HSTS) or semi-public sewage treatment systems will be required to connect to existing or provide sanitary sewer service to ensure that wastewater will be transported and treated at an existing POTW. HSTSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. Limited variances to any provision of this prescription may be granted by the local Board of Health based on sanitary sewer availability, threat to the public health, or other unique conditions.

Areas that will be served by a POTW or by home sewage or semi-public disposal system (green):

This area contains large undeveloped tracts of land and vacant lots subject to improvement. New commercial, industrial, institutional, and residential subdivisions in this area will be required to connect to existing sanitary sewers for removal of sanitary wastewater and transportation to an existing POTW. The developer shall be required to extend new sanitary sewer service from the proposed development to the existing sanitary sewer system that is served by a POTW. Individual residentially zoned parcels may be so improved with new HSTSs provided the local health department finds that conditions are suitable. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. Properties served by failing HSTSs or failing semi-public sewage treatment systems will be required to connect to existing sanitary sewers or sanitary sewer service must be provided to ensure that wastewater will be transported and treated at an existing POTW. Failing HSTSs 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 local Board of Health based on sanitary sewer availability, threat to public health, or other unique conditions. Publicly operated wastewater treatment plants, commonly referred to as "package plants," will not be approved for new residential, commercial or industrial subdivisions.

Areas programmed for sewers within the next 20 years (orange):

This area contains large undeveloped tracts of land and vacant lots subject to

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improvement. New commercial, industrial, institutional, and residential subdivisions in this area will be required to connect to existing sanitary sewers for removal of sanitary wastewater and transportation to a POTW. The developer shall be required to extend new sanitary sewer service from the proposed development to the existing sanitary sewer system that is served by a POTW. Individual residentially zoned parcels may be so improved with new HSTSs provided the local health department finds that ~~donations~~ **conditions** are suitable. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. Properties served by sanitary sewers or sanitary sewer service must be provided to ensure that wastewater will be transported and treated at an existing POTW. Failing HSTSs 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 local Board of Health based on sanitary sewer availability, threat to the public health, other unique conditions. Publicly operated wastewater treatment plants, commonly referred to as “package plants,” will not be approved for new residential, commercial or industrial subdivisions.

Stark County Metropolitan Sewer District and Village of East Canton 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

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granted by the Stark County Board of Health, based on sanitary sewer availability and/or accessibility, threat to public health or other unique conditions.

~~These areas are currently served with existing sanitary sewers. However, there still may be undeveloped tracts of land and vacant lots that are subject to improvement.~~

~~All new developments in this planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly owned treatment works (POTW). Properties served by household sewage treatment systems (HSTS) or semi-public sewage treatment systems will be required to connect to existing sanitary sewers. Properties with failing HSTSs or semi-public sewage treatment systems will be required to connect to existing sanitary sewers, or sanitary sewer service must be provided by the property owner to ensure that wastewater will be transported and treated at an existing POTW. HSTSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSs, limited variances to any provision of this prescription may be granted by the local Board of Health based on sanitary sewer availability and/or accessibility, threat to the public health, or other unique conditions.~~

Areas that will be served by a POTW or by a home sewage or semi-public treatment disposal systems (green):

~~This area contains large undeveloped tracts of land and vacant lots subject to improvement.~~

(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 Designated Management Agency (DMA), 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

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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.

~~New commercial, industrial, institutional, and residential subdivisions in this area will be required to connect to existing sanitary sewers for removal of sanitary wastewater and transportation to an existing POTW. (In accordance with 3701-29-01[KK] of the Stark County Combined General Health District Residential Sewage Regulations, "residential subdivisions" shall be defined as the creation of three (3) or more lots or tracts from one parcel. Creation of these lots may occur all at one time or over a period of time. When considering any lot or parcel, the status of the parcel on or before August 11, 1974 will be used. All other subdivisions shall be considered in accordance with Section 711 of the Ohio Revised Code and the Stark County Regional Planning Commission regulations and policies.) The developer shall be required to extend new sanitary sewer service from the proposed development to the existing sanitary sewer system that is served by a POTW. New centralized wastewater treatment systems serving more than one individual lot will not be approved. Variances to any provision of this prescription may be granted by the local Board of Health based on sanitary sewer availability and/or accessibility, threat to public health, or other unique conditions.~~

(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 Designated Management Agency (DMA), 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 an/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.

~~Where sanitary sewer is currently not accessible as determined by the local Board of Health in conjunction with the County Sanitary Engineer, individual residentially zoned parcels may be so improved with new HSTSs provided the local health department finds that conditions are suitable. In no case shall a system producing an off lot discharge of effluent be permitted for new construction. When sewer becomes available, existing HSTSs serving single, two, and three family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSs, variances to any provision of this prescription may be granted by the local Board of Health based on sanitary sewer availability and/or accessibility, threat to the public health, or other unique conditions.~~

(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.

~~For new commercial development, a new semi-public or private sewage treatment system may be considered for each individual lot only where sewers are not currently accessible as determined by the local Board of Health in conjunction with the County Sanitary Engineer. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. Properties served by existing failing semi-public or private sewage treatment systems will be required to connect to existing sanitary sewers or sanitary sewer service must be provided by the property owner to ensure that wastewater will be transported and treated at an existing POTW. At the cost of the current property owner, all semi-public or private sewage treatment systems including functioning systems must also be connected to sanitary sewer when it becomes available or when the property owner is so directed by the Ohio EPA, County Health District or County Commissioners.~~

Areas that will be served by HSTS, SFOSTS, home-sewage and semi-public sewage disposal treatment systems and sanitary sewers (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

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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.

~~This area contains large undeveloped tracts of land and connections to a sanitary sewer for treatment at a POTW will be rare.~~

~~Where sanitary sewer is currently not accessible as determined by the local Board of Health in conjunction with the County Sanitary Engineer, a new privately operated sewage treatment system may be allowed for each individual lot based on evaluation and approval of the local Board of Health or OEPA, depending upon authority granted by statute. Individual residentially zoned parcels may be improved with new on lot dissipation systems only, provided the local health department finds that site conditions are suitable. In no case shall a system producing an off lot discharge of effluent be permitted for new construction. New centralized wastewater treatment systems serving more than one individual lot will not be approved. Failing sewage treatment systems will be required to be repaired in accordance with local Board of Health or OEPA requirements, depending upon authority granted by statute, if sewer is not available.~~

~~Upon becoming available to sanitary sewer, properties served by HSTSs or semi public or private sewage treatment systems will be required to connect to sanitary sewers to ensure that wastewater will be transported and treated at an existing POTW. If sewer is available, HSTSs serving single, two, and three family homes shall be abandoned in accordance with Ohio Administrative Code 3701 29 02. For HSTSs, variances to any provision of this prescription may be granted by the local Board of Health based on sanitary sewer availability and/or accessibility, threat to public health, or other unique conditions. At the cost of the current property owner, all functioning semi public or private sewage treatment systems must also be connected to sanitary sewer when it becomes available or when the property owner is so directed by the Ohio EPA, County Health District or County Commissioners.~~

City of North Canton Jurisdiction

Areas currently served with sanitary sewers (yellow):

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These areas are currently served with existing sanitary sewers. However, there still may be undeveloped tracts of land and vacant lots that are subject to improvement.

All new developments in this planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly owned treatment works (POTW). Properties served by household sewage treatment systems (HSTS) or semi-public sewage treatment systems will be required to connect to existing sanitary sewers. Properties with failing HSTSs or semi-public sewage treatment systems will be required to connect to existing sanitary sewers, or sanitary sewer service must be provided by the property owner to ensure that wastewater will be transported and treated at an existing POTW. HSTSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSs, limited variances to any provision of this prescription may be granted by the local Board of Health based on sanitary sewer availability and/or accessibility, threat to the public health, or other unique conditions.

Areas that will be served by a POTW or by home sewage or semi-public disposal system (orange):

This area contains large undeveloped tracts of land and vacant lots subject to improvement.

(Subdivisions)

New commercial, industrial, institutional, and residential subdivisions in this area will be required to connect to existing sanitary sewers for removal of sanitary wastewater and transportation to an existing POTW. (In accordance with 3701-29-01[KK] of the Stark County Combined General Health District Residential Sewage Regulations, “residential subdivisions” shall be defined as the creation of three (3) or more lots or tracts from one parcel. Creation of these lots may occur all at one time or over a period of time. When considering any lot or parcel, the status of the parcel on or before August 11, 1974 will be used. All other subdivisions shall be considered in accordance with Section 711 of the Ohio Revised Code and the Stark County Regional Planning Commission regulations and policies.) The developer shall be required to extend new sanitary sewer service from the proposed development to the existing sanitary sewer system that is served by a POTW. New centralized wastewater treatment systems serving more than one individual lot will not be approved. Variances to any provision of this prescription may be granted by the local Board of Health based on sanitary sewer availability and/or accessibility, threat to public health, or other unique conditions.

(Individual Lots- residential)

Where sanitary sewer is currently not accessible as determined by the local Board of Health in conjunction with the County Sanitary Engineer, individual residentially zoned parcels may be so improved with new HSTSs provided the local health department finds that conditions are suitable. In no case shall a system producing an off-lot discharge of

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effluent be permitted for new construction. When sewer becomes available, existing HSTSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSs, variances to any provision of this prescription may be granted by the local Board of Health based on sanitary sewer availability and/or accessibility, threat to the public health, or other unique conditions.

(Individual Lots- non-residential)

For new commercial development, a new semi-public or private sewage treatment system may be considered for each individual lot only where sewers are not currently accessible as determined by the local Board of Health in conjunction with the County Sanitary Engineer. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. Properties served by existing failing semi-public or private sewage treatment systems will be required to connect to existing sanitary sewers or sanitary sewer service must be provided by the property owner to ensure that wastewater will be transported and treated at an existing POTW. At the cost of the current property owner, all semi-public or private sewage treatment systems including functioning systems must also be connected to sanitary sewer when it becomes available or when the property owner is so directed by the Ohio EPA, County Health District or County Commissioners.

Areas that will be served by home sewage and semi-public sewage disposal systems and sanitary sewers (green):

This area contains large undeveloped tracts of land and connections to a sanitary sewer for treatment at a POTW will be rare.

Where sanitary sewer is currently not accessible as determined by the local Board of Health in conjunction with the County Sanitary Engineer, a new privately operated sewage treatment system may be allowed for each individual lot based on evaluation and approval of the local Board of Health or OEPA, depending upon authority granted by statute. Individual residentially zoned parcels may be improved with new on-lot dissipation systems only, provided the local health department finds that site conditions are suitable. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. New centralized wastewater treatment systems serving more than one individual lot will not be approved. Failing sewage treatment systems will be required to be repaired in accordance with local Board of Health or OEPA requirements, depending upon authority granted by statute, if sewer is not available.

Upon becoming available to sanitary sewer, properties served by HSTSs or semi-public or private sewage treatment systems will be required to connect to sanitary sewers to ensure that wastewater will be transported and treated at an existing POTW. If sewer is available, HSTSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSs, variances to any provision of this prescription may be granted by the local Board of Health based on

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sanitary sewer availability and/or accessibility, threat to public health, or other unique conditions. At the cost of the current property owner, all functioning semi-public or private sewage treatment systems must also be connected to sanitary sewer when it becomes available or when the property owner is so directed by the Ohio EPA, County Health District or County Commissioners.

Stark-Summit Service Area (cross hatched):

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.

City of Louisville Jurisdiction

Areas currently sewered with sanitary sewers (yellow):

All new commercial, industrial, institutional and residential subdivision developments shall be required to connect to the sanitary sewer system, fully observing all regulations of the various governing agencies. The developer shall be required to extend new sanitary sewers as necessary from the proposed development to the existing sanitary sewer system that is served by a POTW. In accordance with State law, all systems (HSTSs, SPSDS and package plants) are required to connect to existing sanitary sewer systems where available, even if a sewer extension is required.

Failing systems (HSTSs, SPSDS and package plants) shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 (OAC 3701-29-02).

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

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All new commercial, industrial, institutional and residential developments shall be required to connect to the sanitary sewer system, fully observing all regulations of the various governing agencies. The developer shall be required to extend new sanitary sewers from the proposed development to the existing sanitary sewer system that is served by a POTW. HSTSs shall be considered appropriate for new single-family homes constructed within existing subdivisions that are currently served by HSTSs and where an existing publicly owned sanitary sewer system is not available to the properties. HSTSs shall be considered appropriate for new single family houses built on metes-and-bounds parcels that are not part of an 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 applicable State and County laws. Existing commercial, industrial, institutional and residential properties in these areas shall be required to connect to the sanitary sewer, as it becomes available, for removal of sanitary wastewater from the existing properties, in accordance with applicable State and County laws. Failing HSTSs serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 (OAC 3701-29-02).

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