Appendix 3-1

Facilities Planning Areas (FPA)
Appendix 3-2

Portage County
Facilities Planning Areas (FPA)
Appendix 3-3

Atwater
Facilities Planning Area
Atwater Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Portage / Ohio River Basin

   B. Facilities Planning Area:
      Atwater

   C. Designated Management Agency:
      I. Primary DMA
         a) Portage County Water Resources Department (Portage County Regional Sewer District)
      II. Secondary DMA
         a) Portage County Water Resources Department (Portage County Regional Sewer District)

   D. Publicly-Owned Treatment Works:
      Atwater WWTP, 0.2000 MGD

   E. Facilities Plan:
      No Facilities Plan has been prepared. A general plan was prepared and submitted to the Ohio EPA (NEDO) in June 1987 by the Portage County Sanitary Engineer. The general plan evaluated Portage County’s existing WWTP and sewer system in Atwater. The plan determined the optimum improvements necessary to attain compliance with all final effluent limitation in its NPDES Permit. The plan was reviewed and approved by Ohio EPA in 1987.

   F. Area Served:
      Parts of Atwater and Randolph Townships

   G. Receiving Stream:
      Deer Creek, a tributary to the Mahoning River

   H. Contact Person/Address/Phone/Fax:
      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

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

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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 Portage County Water Resources Department (Portage County Regional Sewer District), June 30, 2000.

Portage County Water Resources Department (Portage County Regional Sewer District) Jurisdictions

Areas Currently Sewered (yellow):
Atwater (part), and Randolph (part) Townships - These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facility planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public), shall be abandoned and connection made to the existing sanitary sewer system if available. Failing home sewage treatment systems (HSTSs) serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.

Areas That Will be Served by a POTW or by On-site Non-discharging Systems (green):
Atwater (part), and Randolph (part) Townships - Future development will be served by an existing POTW modified or expanded as required to handle the flow or a non-discharging sewage disposal system. Non-discharging systems including on-site septic systems and systems in which the effluent is applied to the land are locally permitted at this time. New discharging systems are only permitted for repair of existing systems in cases where both central sewer and non-discharging systems are not available.

Areas Currently Programmed To Be Sewered (orange):
Atwater (part), and Randolph (part) Townships - These areas are proposed to be served with sanitary sewers. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facility planning area will be required to connect to and/or provide sanitary service to
ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing HSTSS serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.
Appendix 3-4

Hiram - Garrettsville
Facilities Planning Area
Hiram - Garrettsville Facilities Planning Area

I. Existing Situation
A. County/Basin:
   Portage / Ohio River Basin

B. Facilities Planning Area:
   Hiram - Garrettsville

C. Designated Management Agency:
   I. Primary DMAs
      a) Portage County Water Resources Department (Portage County Regional Sewer
         District)
      b) Village of Hiram
      c) Village of Garrettsville
   II. Secondary DMA
      a) Portage County Water Resources Department (Portage County Regional Sewer
         District)

D. Publicly-Owned Treatment Works:
   a. Village of Hiram WWTP, 0.2000 MGD
   b. Village of Garrettsville WWTP, 0.3560 MGD

E. Facilities Plan:
   Kudikis, Schade and Associates, Inc., was responsible for the Garrettsville Village
   segment; Portage County Sanitary Engineer’s Department was responsible for Hiram
   Village and Township segments.

F. Area Served:
   Village of Hiram, Village of Garrettsville and adjoining portions of Hiram, Freedom,
   Nelson and Windham Townships

G. Receiving Stream:
   a. Silver Creek tributary to the Mahoning River
   b. Eagle Creek tributary to the Mahoning River

H. Contact Person/Address/Phone/Fax:
   a. Mr. Don VanMetre    Mr. Ken Young, Utilities Superintendent
      Village of Hiram    Village of Hiram
      11617 Garfield Road    P.O. BOX 65
      Hiram, Ohio 44234    Hiram, OH 44234
      Phone: (330) 569-7860
      Fax: (330) 569-0128

   b. Mr. Jeff Sheehan, Utility Supt.
I. **Population Served:**

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

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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 Portage County Water Resources Department (Portage County Regional Sewer District), June 30, 2000, and Village of Garrettsville, May 8, 2002.

*Portage County Water Resources Department (Portage County Regional Sewer District)*

**Jurisdictions**

**Areas Currently Sewered (yellow):**

*Freedom, Windham, Hiram, and Nelson Townships* - These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facilities planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public) shall be abandoned and connection made to the existing sanitary sewer system if available. Failing HSTSs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.
Areas That Will be Served by a POTW or by On-site Non-discharging Systems (green):

Freedom, Windham, Hiram, and Nelson Townships - Future development will be served by an existing POTW modified or expanded as required to handle the flow or a non-discharging sewage disposal system. Non-discharging systems including on-site septic systems and systems in which the effluent is applied to the land are locally permitted at this time. New discharging systems are only permitted for repair of existing systems in cases where both central sewer and non-discharging systems are not available.

Areas Currently Programmed To Be Sewered (orange):

Freedom, Windham, Hiram, and Nelson Townships - These areas are proposed to be served with sanitary sewers. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facilities planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing HSTs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.

Village of Garrettsville Jurisdiction

Areas Currently Sewered (yellow):

Village of Garrettsville - These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facilities planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing occupied structures found within 200 feet of an existing sanitary sewer will be required to connect to the sewer system and the existing on-site treatment systems will be abandoned.

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

Village of Garrettsville - This area is a rural setting and is mostly located in the east section of the Village along Silica Road. These areas with undeveloped tracts of land and vacant lots subject to improvements with many existing lots with HSTs for wastewater treatment. The wastewater generated from these areas has been accounted for within the Village system but sanitary sewers to these areas are not readily available. All new wastewater generated by residential subdivisions, commercial, industrial, and institutional development will be required to connect to the sanitary sewer system for the removal of sanitary wastewater and to ensure that wastewater will be treated at an existing POTW. The developer would be encouraged to extend new sanitary sewers as necessary and connect to existing sanitary sewer system. Existing residential, commercial, industrial and institutional development will be required to connect to the sanitary sewer system as it becomes available and the existing on-site treatment systems
(HSTs) have failed and/or in need of repair and/or replacement. After connection to the sanitary sewer system the existing on-site systems will be abandoned. Vacant lots within existing HSTS served areas may be so improved with new HSTs that will be abandoned upon failure and when a sanitary sewer system becomes available, provided the local authorities find the soils suitable to assure there will be no off-lot discharge of effluent. Exceptions maybe granted based on sewer availability, soil conditions and extent of system failure.

**Areas Currently Programmed To Be Sewered (orange):**

*Village of Garrettsville* - These areas are projected to receive sewers but are not sewered yet. Projected wastewater flow from these areas has been accounted for within the system including the following options: 1. All new wastewater generated by residential subdivisions, commercial, industrial, and institutional development will be required to connect to the sanitary sewer system for the removal of sanitary wastewater. 2. Existing residential, commercial, industrial and institutional development will be required to connect to the sanitary sewer system as it becomes available and if the existing on-site treatment systems (HSTs) have failed and/or are in need of repair and/or replacement. After connection to the sanitary sewer system the existing on-site systems will be abandoned.
Appendix 3-5

Windham
Facilities Planning Area
Windham Facilities Planning Area

I. Existing Situation

A. County/Basin:
   Portage / Ohio River Basin

B. Facilities Planning Area:
   Windham

C. Designated Management Agency:
   I. Primary DMA
      a) Village of Windham
      b) Portage County Water Resources Department (Portage County Regional Sewer District)
   II. Secondary DMAs
      a) Portage County Water Resources Department (Portage County Regional Sewer District)

D. Publicly-Owned Treatment Works:
   Village of Windham, 0.600 MGD

E. Facilities Plan:
   (In progress)

F. Area Served:
   Village of Windham, parts of Windham Township

G. Receiving Stream:
   South Fork of Eagle Creek, tributary to the Mahoning River

H. Contact Person/Address/Phone/Fax:
   a. Ms. Rachel Barrett, Wastewater Treatment Plant Superintendent
      Village of Windham
      9621 East Center Street
      Windham, Ohio 44288
      Phone: (330) 326-2622

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

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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 Portage County Water Resources Department (Portage County Regional Sewer District), June 30, 2000, and Village of Garrettsville, May 8, 2002.

Portage County Water Resources Department (Portage County Regional Sewer District) Jurisdictions
Areas Currently Sewered (yellow):
Freedom, Windham, Hiram, and Nelson Townships - These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facilities planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public), shall be abandoned and connection made to the existing sanitary sewer system if available. Failing HSTSs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.

Areas That Will be Served by a POTW or by On-site Non-discharging Systems (green):
Freedom, Windham, Hiram, and Nelson Townships - Future development will be served by an existing POTW modified or expanded as required to handle the flow or a non-discharging sewage disposal system. Non-discharging systems including on-site septic systems and systems in which the effluent is applied to the land are locally permitted at this time. New discharging systems are only permitted for repair of existing systems in cases where both central sewer and non-discharging systems are not available.

Areas Currently Programmed To Be Sewered (orange):
Freedom, Windham, Hiram, and Nelson Townships - These areas are proposed to be served with sanitary sewers. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facilities planning area will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public), shall be abandoned and connection made to the existing sanitary sewer system if available. Failing HSTSs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.
works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing HSTs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.
Appendix 3-6

Stark County
Facilities Planning Areas (FPA)
Appendix 3-7

Alliance
Facilities Planning Area
Alliance Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Stark, Mahoning and Columbiana / Ohio River Basin

   B. Facilities Planning Area:
      Alliance

   C. Designated Management Agency:
      I. Primary DMAs
         a) City of Alliance
      II. Secondary DMAs
         a) Stark County Metropolitan Sewer District

   D. Publicly-Owned Treatment Works:
      Alliance Wastewater Treatment Plant, 7.5000 MGD

   E. Facilities Plan:

      Planning for the Mahoning - Columbiana Counties portion of the Facilities Planning Area was done by the W. E. Quicksall and Associates in conjunction with the documents described above.

   F. Area Served:
      Stark County - City of Alliance, Lexington Township (part) and Washington Township (part)

      Mahoning County - Smith Township (part)

      Columbiana County - Knox Township (part)

   G. Receiving Stream:
      Beech Creek tributary to Berlin Reservoir

   H. Contact Person/Address/Phone/Fax:
I. Population Served:
The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

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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 Stark County Metropolitan Sewer District, January 15, 2005.

City of Alliance Jurisdiction
Areas currently served with sanitary sewers (yellow): 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/construction in this planning area will be required and responsible 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 with failing HSTSSs or semi-public sewage treatment systems will be required and responsible 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. HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.

**Stark County Metropolitan Sewer District Jurisdiction**

**Areas currently served with sanitary sewers (yellow):**
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 disposal system (green):**
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 HSTSSs 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 HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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 (cream):
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 HSTSSSs 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, HSTSSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSSs, 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.
Appendix 3-8

Beach City - Wilmot
Facilities Planning Area
Beach City - Wilmot Facilities Planning Area

I. Existing Situation

A. County/Basin:
   Stark / Ohio River Basin

B. Facilities Planning Area:
   Beach City - Wilmot

C. Designated Management Agency:
   I. Primary DMAs
      a) Village of Beach City
   II. Secondary DMAs
      a) Village of Wilmot
      b) Stark County Metropolitan Sewer District

D. Publicly-Owned Treatment Works:
   Beach City Wastewater Treatment Plant, 0.2000 MGD

E. Facilities Plan:

F. Area Served:
   Stark County - Village of Beach City, Village of Wilmot, and Sugar Creek Township (part)

G. Receiving Stream:
   Sugar Creek tributary to Tuscarawas River

H. Contact Person/Address/Phone/Fax:
   a. Mr. Don Lambert, Utilities Director
      Village of Beach City
      105 East Main St.
      P.O. Box 328
      Beach City, Ohio 44608
      Phone: (330) 756-2011
      Fax: (330) 756-3199

   b. Mayor Denise Meredith
      Village of Wilmot
      207 Massillon Street
      PO Box 162
      Wilmot, Ohio 44689
      Phone: (330) 359-0192
      Fax: (330) 359-5711

   c. Mr. Michael Armogida, P.E., Director
I. **Population Served:**
The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

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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**

**Stark County Metropolitan Sewer District Jurisdictions**

**Areas currently served with sanitary sewers (yellow):**
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. 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 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. (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.) 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 the 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 that will be served by home sewage and semi-public sewage disposal systems and sanitary sewers (cream):
This area contains large undeveloped tracts of land and connections to a sanitary sewer for treatment at a POTW will be rare. Privately operated sewage treatment systems will be allowed based on evaluation and approval of the local Board of Health or OEPΦ, depending upon authority granted by statute. Individual residentially zoned parcels may be 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. Failing HSTSS will be required to be repaired in accordance with local Board of Health requirements, if sewer is not available. Upon becoming available or accessible 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. 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. Publicly operated wastewater treatment plants, commonly referred to as “package plants,” will not be approved for new residential, commercial or industrial subdivisions.
Appendix 3-9

Bolivar
Facilities Planning Area
Bolivar Facilities Planning Area

I. Existing Situation
   A. County/ Basin:
      Stark and Tuscarawas / Ohio River Basin

   B. Facilities Planning Area:
      Bolivar

   C. Designated Management Agency:
      I. Primary DMAs
         a) Village of Bolivar
      II. Secondary DMAs
         a) Stark County Metropolitan Sewer District

   D. Publicly-Owned Treatment Works:
      Bolivar WWTP

   E. Facilities Plan:
      UNKNOWN

   F. Area Served:
      Stark County - Bethlehem Township (part) and Pike Township (part)

      Tuscarawas County - Village of Bolivar, Lawrence Township (part), and Sandy Township (part)

   G. Receiving Stream:
      Tuscarawas River

   H. Contact Person/Address/Phone/Fax:
      a. Mr. Tim Renner, Superintendent
         9944 Wilkshire Blvd.
         Bolivar, Ohio 44612
         Phone: (330) 874-3262
         Fax: (330) 874-4203

      b. 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.

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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 Stark County Metropolitan Sewer District, January 15, 2004.

*Stark County Metropolitan Sewer District Jurisdiction*

**Areas currently served with sanitary sewers (yellow):**
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 disposal system (green):**
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 HSTs 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 HSTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTs, 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 (cream):
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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.
Appendix 3-10

Brewster
Facilities Planning Area
Brewster Facilities Planning Area

I. Existing Situation

A. County/Basin:
   Stark / Ohio River Basin

B. Facilities Planning Area:
   Brewster

C. Designated Management Agency:
   I. Primary DMAs
      a) Village of Brewster
   II. Secondary DMAs
      a) Stark County Metropolitan Sewer District

D. Publicly-Owned Treatment Works:
   Village of Brewster WWTP, 0.0665 MGD

E. Facilities Plan:

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. Steve Hartman, Village Administrator
      Village of Brewster
      302 South Wabash Avenue
      Brewster, Ohio 44613
      Phone: (330) 767-3931
      Fax: (330) 767-4607

   b. 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.

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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 sewered 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 treatment systems (HSTSSs) and semi-public sewage disposal systems (SPSDSs) (green):
Areas that will be served by HSTSSs and SPSDSs (cream):
Areas without a wastewater treatment planning prescription (white):

*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 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. HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, limited variances to any provision of this prescription may be
Areas that will be served by a POTW or by a home sewage or semi-public disposal system (green):
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 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 effluent be permitted for new construction. When sewer becomes available, existing HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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- 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

granted by the local Board of Health based on sanitary sewer availability and/or accessibility, threat to the public health, or other unique conditions.
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, semi-public sewage treatment 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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.
Appendix 3-11

Canal Fulton
Facilities Planning Area
Canal Fulton Facilities Planning Area

I. Existing Situation

A. County/Basin:
   Stark and Wayne / Ohio River Basin

B. Facilities Planning Area:
   Canal Fulton

C. Designated Management Agency:
   I. Primary DMAs
      a) City of Canal Fulton
   II. Secondary DMAs
      a) Stark County Metropolitan Sewer District
      b) Wayne County Office of Environmental Services

D. Publicly-Owned Treatment Works:
   City of Canal Fulton WWTP, 1.5000 MGD

E. Facilities Plan:

   An infiltration/inflow study was completed and certified in 1975.

F. Area Served:
   Stark County - City of Canal Fulton, Jackson Township (part), and Lawrence Township (part)
   Wayne County - Baughman Township (part) and Chippewa Township (part)

G. Receiving Stream:
   Tuscarawas River

H. Contact Person/Address/Phone/Fax:
   a. Mr. Dan Mayberry, Director of Public Utility Services
      City of Canal Fulton
      155 East Market Street Suite A
      Canal Fulton, Ohio 44614
      Phone: (330) 854-2044
      Fax: (330) 854-6913
b. 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  

c. Mr. Tim Patterson, Director  
   Office of Environmental Services  
   County Administration Building  
   428 West Liberty Street  
   Wooster, Ohio 44691  
   Phone: (330) 287-5408  
   Fax: (330) 287-5425  

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

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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 Canal Fulton, October 2003, the Stark County Metropolitan Sewer District, January 15, 2004, and the Wayne County Office of Environmental Services (in progress).

City of Canal Fulton Jurisdiction  
Areas currently served with sanitary sewers (yellow):  
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.

The connection of existing structures to sanitary sewers shall be required by the Stark County Health Department where the structure is less than 400 feet from the sewer. This requirement for sewer connection may be waived should the owner of the structure establish that a sanitary sewer connection would cost 2 ½ times the cost of a best available treatment disposal system, or, if for other reasons, it is determined that connection is impractical. In order to verify the ratio, the owner must submit three (3) written quotes for a sanitary sewer connection and three (3) written quotes for a disposal
system installation.

With regard to new development/construction, distance to the sewer is not a fundamental consideration in and of itself. That is, connection to sanitary sewer can be required for new development/construction located not only less than 400 feet, but also greater than 400 feet from an existing sewer. Before a new home sewage disposal system or semi-public disposal system would be approved, it must first be established that the cost of a sanitary sewer connection is more than 2 ½ times as costly as a home sewage disposal system or semi-public disposal system, as set forth above. Further consideration as to the advisability of approving new home sewage or semi-public disposal systems would be reviewed critically on a case by case basis by the Stark County Health Department, taking into account all environmental and economic factors that may bear on the subject development/construction.

Home sewage disposal systems are discouraged for new subdivisions. Subdivisions are defined as divisions of property into four (4) or more parcels/lots. New subdivisions shall comply with Stark County Health Department Regulations, Chapter 3701-29-03, Paragraph B shall apply as follows: “No person shall install household sewage disposal systems in new subdivisions of four (4) or more lots unless it is considered to be impractical or inadvisable by the Board of Health and the Ohio Environmental Protection Agency to install a central sewage system”. Small wastewater treatment plants, commonly referred to as “package plants”, will not be approved for new residential, commercial or industrial subdivisions.

At time, sanitary sewer connections will, of necessary due to topography, require a pump station and force main. The City of Canal Fulton City Engineer shall review in detail all proposed force main connections 400 feet or greater in length, reserving to itself the authority to disallow connections due to the length of the force main and/or the nature and volume of waste to be discharged.

Canal Fulton Ordinance 31-81 Sanitary Connections Required Where Available
No person, either as owner, agent, renter, lessee or employee, shall build, construct, maintain or use on any lot or premise, within the City, any toilet, closet, or privy the excrement from which is deposited in a vault, excavation or receptacle, which vaults, excavation or receptacle is not connected with and flushed into a sanitary sewer, whenever such lots, lands or premises are capable of direct connection with any sanitary sewer.

Areas that will be served by a POTW or by home sewage or semi-public disposal system within twenty (20) years (orange):
These areas are project to receive sanitary sewers within the next 20 years but have not yet been sewered. All wastewater generated by new major residential, commercial, and industrial land developed in this area will be required to connect to the public sanitary sewer system. The developer shall be required to extend new sanitary sewers as necessary to be connected to the municipally operated wastewater treatment facility.
Areas located outside the FPA and contiguous to the FPA desirous to receive sanitary sewer service connection will be required to annex to the City of Canal Fulton. HSTS or semi-public disposal system will be required to connect to the public sewer systems as they become available. Failing HSTS and semi-public systems may be updated in the absence of a sanitary sewer system. As sanitary sewers become available, within 200 feet of a building foundation, the owner will be required to connect to the public sewer systems.

The Stark County Sanitary Engineer’s Office is responsible for areas of public sewers inside the overall FPA currently served by public sewers presently constructed and currently in use. These areas are regulated by the Stark County Sanitary Engineer’s Office. Wastewater Treatment Planning Prescriptions and Wastewater Planning Options will be addressed by the Stark County Sanitary Engineer’s Office.

**Areas to be served by POTW (green):**
Connections in this area to a sanitary sewer for treatment at a POTW will be rare but not impossible. The wastewater treatment planning prescription as described above for the currently sewered areas will apply to these areas.

**Stark County Metropolitan Sewer District Jurisdiction**

**Areas currently served with sanitary sewers (yellow):**
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 HSTs 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. HSTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTs, 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 (green):**
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 effluent be permitted for new construction. When sewer becomes available, existing HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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 (cream):
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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.

Wayne County Office of Environmental Services Jurisdiction (in progress)
Areas currently sewered 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 treatment systems (HSTSSs) and semi-public sewage disposal systems (SPSDSSs) (green):
Areas that will be served by HSTSSs and SPSDSSs (cream):
Areas without a wastewater treatment planning prescription (white):
Appendix 3-12

Canton - Nimishillen Basin
Facilities Planning Area
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, 39.0000 MGD
   b. Louisville WWTP, 2.0000 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 the 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**

**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), Osnaburg Township (part), and Perry Township (part)

Summit County - City of Green (part)

**G. Receiving Stream:**
a. Nimishillen Creek
b. East Branch Nimishillen Creek
c. Sherrick Run

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

b. 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
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.

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<td>7,730</td>
<td>7,648</td>
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</tr>
</tbody>
</table>

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 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 zones 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 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 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 HSTSSs 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 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 HSTSSs 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. HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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 (green):**

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 HSTTs 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 HSTTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTTs, 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 (cream):**

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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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):
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 (HSTSS) or semi-public sewage treatment systems will be required to connect to existing sanitary sewers. Properties with failing HSTSSs 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. HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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 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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.

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 HSTSSs are recommended within this service area for new developments or subdivisions. However, HSTSSs 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 (HSTSSs, SPSDS and package plants) are required to connect to existing sanitary sewer systems where available, even if a sewer extension is required.
Failing systems (HSTs, 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):**
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. HSTs shall be considered appropriate for new single-family homes constructed within existing subdivisions that are currently served by HSTs and where an existing publicly owned sanitary sewer system is not available to the properties. HSTs 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 HSTs serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 (OAC 3701-29-02).
Appendix 3-13

East Sparta
Facilities Planning Area
East Sparta Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Stark and Tuscarawas / Ohio River Basin

   B. Facilities Planning Area:
      East Sparta

   C. Designated Management Agency:
      I. Primary DMAs
         a) Tuscarawas County
      II. Secondary DMAs
         a) Stark County Metropolitan Sewer District

   D. Publicly-Owned Treatment Works:
      Sandyville WWTP, 0.5000 MGD

   E. Facilities Plan:
      East Sparta - Pike Township Sanitary Sewerage Study, August, 1974, Quicksall and
      Associates

   F. Area Served:
      Stark County - Village of East Sparta, Canton Township (part), and Pike Township (part)

      Tuscarawas County - Village of Sandyville, and Sandy Township (part)

   G. Receiving Stream:
      Nimishillen Creek

   H. Contact Person/Address/Phone/Fax:
      a. Mr. Tim Renner, Superintendent
         Tuscarawas County Department of Water and Sewer
         9944 Wilkshire Blvd.
         Bolivar, Ohio 44612
         Phone: (330) 874-3262
         Fax: (330) 874-4203

      b. 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.

|-------------|------|------|------|------|------|------|
| 201         | 3,909| -----| -----| -----| -----| -----
| Approved 208 | 3,033| 3,153| -----| -----| -----| -----|

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 Stark County Metropolitan Sewer District, January 15, 2004.

*Stark County Metropolitan Sewer District, Canton Township, Pike Township, and Village of East Sparta Jurisdiction*

**Areas currently served with sanitary sewers (yellow):**

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 (green):**

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 HSTs 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 HSTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTs, 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 (cream):
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 HSTTs 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, HSTTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTTs, 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.
Appendix 3-14

Hartville
Facilities Planning Area
Hartville Facilities Planning Area
208 Clean Water Plan Update

Area Currently Served with Sanitary Sewers
Area Expected to be Served with Sanitary Sewers within the Next 30 years
Areas that will be Served by Home Sewage and Septic Public Sewage Disposal Systems
Areas that will be Served by a PTOE or by a Home Sewage or Septic Public Regional System
Areas without a Wastewater Treatment Planning Program
Lakes and Rivers

FFA Boundary
Stream
Community Boundary
Highway
Road
Residential Origin Wastewater Treatment Plant

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

3-14-2
Hartville Facilities Planning Area
I. Existing Situation
   A. **County/Basin:**
      Stark and Portage / Lake Erie and Ohio River Basin
   
   B. **Facilities Planning Area:**
      Village of Hartville
   
   C. **Designated Management Agency:**
      I. **Primary DMAs**
         a) Village of Hartville
      II. **Secondary DMAs**
         a) Stark County Metropolitan Sewer District
         b) Portage County Water Resources Department
   
   D. **Publicly-Owned Treatment Works:**
      Village of Hartville WWTP, 0.45000 MGD, 0 package plants
   
   E. **Facilities Plan:**
      None
   
   F. **Area Served:**
      Stark County - Village of Hartville, Lake Township (part)

      Portage County - Suffield Township (part)
   
   G. **Receiving Stream:**
      Hartville Ditch and then to Swartz Ditch which is a tributary to the Middle Branch of
      Nimishillen Creek and the Tuscarawas River
   
   H. **Contact Person/Address/Phone/Fax:**
      a. Mr. Tom Graber, WWTP Manager
         Village of Hartville
         202 West Maple Street
         Hartville, Ohio 44632
         Phone: (330) 877-2861
         Fax: (330) 877-9778
   
      b. 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.

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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 Hartville, February 2002, Portage County Water Resources Department (Portage County Regional Sewer District, June 30, 2000).

*Village of Hartville Jurisdiction*

**Areas currently served with sanitary sewers (yellow):**
All new commercial, industrial, institutional and residential subdivision developments shall be required to connect to the 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 as necessary from the proposed development to the existing sanitary sewer system that is served by the existing POTW. Failing systems (HSTs, SPSDs and package plants) in need of repair/replacement will be required to connect to the existing sanitary sewer facilities, even if a sewer extension is required. Developers or property owners will be required to extend sewer services to their far property line when connection is required to the existing sewer system.

**Areas expected to be served with sanitary sewers within the next 20 years (orange):**
All new commercial, industrial, institutional and residential subdivision development 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 government agencies. The developer shall be required to extend new sanitary sewers as necessary from the proposed development to the existing sanitary sewer system.
sewer system that is served by the existing POTW. Failing systems (HSTs, SPSS and package plants) in need of repair/replacement will be required to connect to the existing sanitary sewer facilities, even if a sewer extension is required. New HSTs may be used but will be abandoned upon failure.

**Stark County Metropolitan Sewer District Jurisdiction**

**Areas currently served with sanitary sewers (yellow):**
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 (HST) or semi-public sewage treatment systems will be required to connect to existing sanitary sewers. Properties with failing HST 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. HSTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTs, 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 (green):**
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 HSTSSs 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 HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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 (cream):

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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.

*Portage County Water Resources Development Jurisdiction*

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

Future development will be served by an existing POTW modified or expanded as required to handle the flow or a non-discharging sewage disposal system. Non-discharging systems including on-site septic systems and systems in which the effluent is applied to the land are locally permitted at this time. New discharging systems are only permitted for repair of existing systems in cases where both central sewer and non-discharging systems are not available.
Appendix 3-15

Massillon
Facilities Planning Area
Massillon Facilities Planning Area

I. Existing Situation

A. County/ Basin:
    Stark/ Ohio River Basin

B. Facilities Planning Area:
    City of Massillon

C. Designated Management Agency:
   I. Primary DMAs
      a) City of Massillon
   II. Secondary DMAs
       a) Stark County Metropolitan Sewer District

D. Publicly-Owned Treatment Works:
   City of Massillon WWTP
   Current average daily flow 12.5 mgd after upgrade is completed
   Average daily flow 15.8 mgd in last quarter 2004

E. Facilities Plan:
   This is an update to the 1998 update to the 1976 Facilities Plan
   Frank A. Thomas and Associates, Inc., Facilities Plan for the Massillon - Stark County
   Regional Sewerage System, April 1976. An infiltration/inflow study was completed and
   certified in 1976. General Plan for Wastewater Treatment Plant Improvements submitted
   to OEPA on July 16, 1985 (R. Bushman, City of Massillon).

F. Area Served:
   Stark County – City of Massillon, Perry Township (part), Jackson Township (part),
   Tuscarawas Township (part), Bethlehem Township (part), North Lawrence (part), City of
   Canton (part)

G. Receiving Stream:
   Tuscarawas River

H. Contact Person/ Address/ Phone/ Fax:
   a) Steve Hamit, P.E. City Engineer
      City of Massillon
      151 Lincoln Way East
      Massillon, OH 44646
      Phone: 330-830-1722
      Fax: 330-830-1786
   b) Joe Ulrich, WWTP Manager
      City of Massillon
      2700 Treatment Road SW
      Massillon, OH 44647
      Phone: 330-833-3046
      Fax: 330-830-3646
   c) Michael Armogida, P.E., Director
      Stark County Metropolitan Sewer District
      P. O. Box 7906
      1701 Mahoning Road NE
      Canton, OH 44705-7906
      Phone: 330-438-9393
      Fax: 330-453-9044
I. **Population Served:**
Not available at this time.

II. **Wastewater Treatment Planning Prescription and Wastewater Planning Options**
Original source information provided by the City of Massillon, December 15, 2003, and the Stark County Metropolitan Sewer District, January 15, 2004.

*City of Massillon Jurisdiction*

**Areas currently served (yellow):**
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 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 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 eventually be served by sewers (orange):**
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 a POTW. (In accordance with section 3701-29-01[KK] of the Stark County Combined General Health District Residential Sewage Regulations, “residential subdivisions” shall be defined as the creations 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.) 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 the 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 that will be served by home sewage, semi-public sewage treatment 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. Privately operated sewage treatment systems will be allowed 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 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. Failing HSTSS will be required to be repaired in accordance with local Board of Health requirements if sewer is not available. Upon becoming available or accessible to sanitary sewer, properties served by household sewage treatment systems (HSTS) or semi-public 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, HSTS 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.

Stark County Metropolitan Sewer District Jurisdiction
Areas currently served with sanitary sewers (yellow):
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. HSTS serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTS, 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 (green):
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 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 (cream):
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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.
Appendix 3-16

Minerva
Facilities Planning Area
Minerva Facilities Planning Area
208 Clean Water Plan Update

DRAFT

Areas Currently Served with Sewer Service
Areas Expected to be Served with Sewer Service within the Next 10 Years
Areas that will be Served by Existing Sewer and Septic Disposal System
Areas that will be Served by a POTW or a Home Disposal System
Areas without a Multisector Treatment Planning Program
Publicly-Owned Wastewater Treatment Plant

FPA Boundary
Stream
Community Boundary
Highway
Road

0 2,000 4,000 6,000 8,000
Feet

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

3-16-2
Minerva Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Stark, Carroll and Columbiana / Ohio River Basin

   B. Facilities Planning Area:
      Minerva

   C. Designated Management Agency:
      I. Primary DMAs
         a) Village of Minerva
         b) Stark County Metropolitan Sewer District
      II. Secondary DMAs
         a) Stark County Metropolitan Sewer District

   D. Publicly-Owned Treatment Works:
      Minerva WWTP, MGD

   E. Facilities Plan:
      No facilities plan has been prepared for the Minerva FPA. A facilities report titled Facilities Plan for Wastewater Collection and Treatment was prepared by Jones and Henry in 1976. The report included an I/I analysis. A report entitled Evaluation of Existing Wastewater Treatment Facilities was prepared by Snell Environmental Group, Inc. in 1982. A general plan for wastewater treatment improvements was submitted to the Ohio EPA in January 1985.

   F. Area Served:
      Stark County - Village of Minerva, Paris Township (part)
      Carroll County - August Township (part) and Brown Township (part)
      Columbiana County - West Township (part)

   G. Receiving Stream:
      Sandy Creek

   H. Contact Person/Address/Phone/Fax:
      a. Mr. Dave Hard, Service Director
         Village of Minerva
         209 North Market Street
         Minerva, Ohio 44657
         Phone: (330) 868-7705
         Fax: (330) 868-4700
b. 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

c. Mr. Burt Dawson, County Engineer  
Columbiana County Engineering Department  
235 South Market Street  
Lisbon, Ohio 44432  
Phone: (330) 424-1740  
Fax: (330) 424-0259

d. Mr. David Miskimen, County Engineer  
Carroll County Engineering Department  
200 Kensington Road  
Carrollton, Ohio 44615  
Phone: (330) 627-4110  
Fax: (330) 627-3661

I. **Population Served:**  
The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

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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 Minerva, November 1, 2001, and the Stark County Metropolitan Sewer District, January 15, 2004..

*Village of Minerva Jurisdiction (in progress)*  
Areas currently sewered 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 treatment systems (HSTSS) and semi-public sewage disposal systems (SPSDSS) (green):  
Areas that will be served by HSTSSs and SPSDSSs (cream):  
Areas without a wastewater treatment planning prescription (white):  
*Stark County Metropolitan Sewer District Jurisdiction*
Areas currently served with sanitary sewers (yellow):
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 (green):
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 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 (cream):
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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.
Appendix 3-17

Navarre
Facilities Planning Area
Navarre Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Stark / Ohio River Basin

   B. Facilities Planning Area:
      Navarre

   C. Designated Management Agency:
      I. Primary DMAs
         a) Village of Navarre
         b) Stark County Metropolitan Sewer District
      II. Secondary DMAs
         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 Associated 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 updated by Frank A. Thomas and Associates.

   F. Area Served:
      Stark County - Village of Navarre, Bethlehem Township (part), Sugar Creek Township
      (part), Tuscarawas Township (part), Perry Township (part)

   G. Receiving Stream:
      Tuscarawas River

   H. Contact Person/Address/Phone/Fax:
      a. Mr. Jeff Seward, Utility Superintendent
         Village of Navarre
         27 West Canal Street
         Navarre, Ohio 44662
         Phone: (330) 879-2317
         Fax: (330) 879-5508
I. Population Served

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

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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 sewered 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 treatment systems (HSTs) and semi-public sewage disposal systems (SPSDSs) (green):

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

Areas without a wastewater treatment planning prescription (white):

*Stark County Metropolitan Sewer District Jurisdiction*:

Areas currently served with sanitary sewers (yellow):

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 HSTs 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. HSTs serving single, two, and
three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTs, 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 (green):**

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 HSTs 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 HSTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTs, 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 (cream):**
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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.
Appendix 3-18

Waynesburg - Magnolia
Facilities Planning Area
Waynesburg - Magnolia Facilities Planning Area

I. Existing Situation
   A. County/Basin: Stark and Carroll / Ohio River Basin

   B. Facilities Planning Area: Waynesburg - Magnolia

   C. Designated Management Agency:
      I. Primary DMAs
         a) Stark County Metropolitan Sewer District
      II. Secondary DMAs
         a) Stark County Metropolitan Sewer District

   D. Publicly-Owned Treatment Works:

   E. Facilities Plan:

   F. Area Served:
      Stark County - Village of Waynesburg, Village of Magnolia (part), and Sandy Township (part)
      Carroll County - Village of Magnolia (part), Rose Township (part), and Brown Township (part)

   G. Receiving Stream:
      Sandy Creek tributary to Tuscarawas River

   H. Contact Person/Address/Phone/Fax:
      a. Mr. David Sickafoose, Water Superintendent
         Village of Waynesburg
         P.O. Box 610
         Waynesburg, Ohio 44688
         Phone: (330) 866-2644
         Fax: (330) 866-8416
b. 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.

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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 Waynesburg, and the Stark County Metropolitan Sewer District, January 15, 2004.

*Village of Waynesburg, Stark County Metropolitan Sewer District (Village of Magnolia) Jurisdiction*

**Areas currently served with sanitary sewers (yellow):**

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 (green):
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 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 (cream):
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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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.
Appendix 3-19

Summit County
Facilities Planning Areas (FPA)
Appendix 3-20

Barberton - Wolf Creek
Facilities Planning Area
Barberton-Wolf Creek Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Summit / Ohio River Basin
   B. Facilities Planning Area:
      Barberton-Wolf Creek
   C. Designated Management Agency:
      I. Primary DMA
         a) City of Barberton
         b) City of Akron
      II. Secondary DMAs
         a) City of Barberton
         b) Summit County Department of Environmental Services
         c) City of Akron
   D. Publicly-Owned Treatment Works:
      Barberton WWTP 6.0 MGD
   E. Facilities Plan:
   F. Area Served:
      Summit County - City of Barberton, City of Norton, Copley Township (part), Franklin Township (part), Coventry Township (part), and Chippewa Township (part)
   G. Receiving Stream:
      Tuscarawas River
   H. Contact Person/Address/Phone/Fax:
      a. Mr. Richard J. Waltz, Director of Utilities
         Utilities Department
         City of Barberton
         576 W. Park Ave
         Barberton, OH 44203
         Phone: (330) 848-6720
         Fax: (330) 848-6664
b. David Marquard, Director of Environmental Services  
Summit County Department of Environmental Services  
2525 State Road  
Cuyahoga Falls, Ohio 44223  
Phone: (330) 926-2405  
Fax: (330) 926-2471  
c. Jeff Pritchard  
Community Development Director  
City of Norton  
4060 Columbia Woods Dr.  
Norton, Ohio 44203  
Phone: (330) 825-7815 x 49  
d. Mark Koheiser  
Zoning Inspector  
Village of New Franklin  
PO BOX 367  
Akron, Ohio 44319  
Phone: (330) 882-4611

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

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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 Summit County Department of Environmental Services, (in progress), and City of Barberton, November 22, 2000.

City of Barberton  
Areas currently sewered 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 improvement. 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 at an existing publicly-owned treatment works (POTW). Failing home sewage treatment systems (HSTs) serving single-family homes 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):
These areas are proposed to be served with sanitary sewers. However, there may be undeveloped tracts of land and vacant lots subject to improvement. 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 at an existing publicly-owned treatment works (POTW) with modifications or expansions as required to handle the flow. Existing non-residential private treatment systems (semi-public), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing HSTs serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02.

Areas that will be served by a publicly-owned treatment works (POTW) or by home sewage treatment systems (HSTs), semi-public sewage disposal systems (SPSDs), and other non-discharging systems (green):
No HSTs are recommended for new commercial, industrial, institutional and residential development. However, HSTs shall be considered appropriate for new single-family houses constructed within existing subdivisions that are available to properties. HSTs shall also be considered appropriate for new single family houses built on metes-and-bounds parcels that are not part of any existing subdivision and are not located adjacent to any publicly-owned sanitary sewer.

All new commercial, industrial, institutional and residential subdivision developments 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 sewer sanitary sewers as necessary from the proposed development to the existing sanitary sewer system that is served by an existing POTW. Failing systems in need of repair/replacement will be required to connect to the existing sanitary sewer facilities, even if a sewer extension is required.

Summit County Department of Environmental Services Jurisdiction - City of Norton
Areas Currently Sewered (yellow):
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly-owned treatment works (POTW). As sanitary sewers become available, properties served by existing home sewage treatment systems (HSTs) or semi-public/private treatment systems will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW. Failing HSTs or semi-public/private wastewater treatment systems shall be abandoned in accordance with the Ohio Administrative Code 3701-29 and be required to provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW.

Areas that will be served by a POTW or by On-site Non-discharging Systems (green):
This area contains large undeveloped tracts of land and vacant lots subject to improvement. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction.

All new subdivision development, whether residential or non-residential, will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSS provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent. All proposed new commercial, industrial, and institutional development, located where access to sanitary sewer is not currently available, may be considered for installation of a new semi-public or private sewage treatment system provided the local health department or OEPA and the local Sanitary Engineer concur that a public wastewater collection system will remain unavailable for the foreseeable future. When sanitary sewers become available, all existing systems will be required to connect to sanitary sewers to ensure that wastewater will be treated at an existing POTW.

Existing (developed) multi-family, commercial, industrial, and institutional properties, major and minor subdivisions, along with single-family home HSTSS within this area, shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater. At the cost of the current property owner, all semi-public or private sewage treatment systems 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 or local health department.

All failing HSTSS must be repaired or replaced to meet the standards found within OAC 3701-29, providing that the local health department finds a suitable treatment system design and installation that meets state and local requirements. All failing semi-public/private treatment systems must be repaired or replaced as required by the OEPA. The local planning agency, health department, OEPA and the local Sanitary Engineer must also concur that a public wastewater collection system will remain unavailable for the foreseeable future.

**Joint Economic Development District Areas** (dark green hatch)

City of Norton-City of Barberton Joint Economic Development Districts (Fairland Road, Lake Dorothy, Barber Road, and Wooster Road Districts)

A contract exists between the City of Norton and the City of Barberton, a Joint Economic Development District (JEDD) that provides for sanitary sewer service being extended into JEDD areas pursuant to contract terms. The “prescriptions” for the JEDD Service Areas are as follows:

**Areas Currently Sewered (yellow):**
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this
facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly-owned treatment works (POTW). As sanitary sewers become available, properties served by existing home sewage treatment systems (HSTSSs) or semi-public/private treatment systems will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW. Failing HSTSSs or semi-public/private wastewater treatment systems shall be abandoned in accordance with the Ohio Administrative Code 3701-29-02 and be required to provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW.

**Areas that will be served by a POTW or by On-site Non-discharging Systems (green):**

This area contains large undeveloped tracts of land and vacant lots subject to improvement. In no case shall a system producing an off-lot discharge of effluent be permitted for new construction. Also, experimental systems as defined by the Ohio Department of Health are prohibited as a wastewater treatment option in this area.

All new subdivision development, whether residential or non-residential, will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within existing HSTSS-served subdivisions and remote metes-and-bounds residually-zoned parcels may be so improved with new HSTSSs provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent. All proposed new commercial, industrial, and institutional development, located where access to sanitary sewer is not currently available, may be considered for installation of a new semi-public or private sewage treatment system provided the local health department or OEPA and the local Sanitary Engineer concur that a public wastewater collection system will remain unavailable for the foreseeable future. When sanitary sewers become available, all existing systems will be required to connect to sanitary sewers to ensure that wastewater will be treated at an existing POTW.

Existing (developed) multi-family, commercial, industrial, and institutional properties, major and minor subdivisions, along with single-family home HSTSSs within this area, shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater. At the cost of the current property owner, all semi-public or private sewage treatment systems 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 or local health department.

All failing HSTSSs must be repaired or replaced to meet the standards found within OAC 3701-29, providing that the local health department finds a suitable treatment system design and installation that meets state and local requirements. All failing semi-public/private treatment systems must be repaired or replaced as required by the OEPA. The local planning agency, health department, OEPA and the local Sanitary Engineer must also concur that a public wastewater collection system will remain unavailable for the foreseeable future.
Summit County Department of Environmental Services Jurisdiction- Copley Township

Areas Currently Sewered (yellow):
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be treated and discharged at an existing publicly-owned treatment works (POTW). Failing home sewage treatment systems (HSTSSs) serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29. Existing non-single-family private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW.

Areas That Will be Served by a POTW or by On-Site Non-discharging Systems (green):
This area contains large undeveloped tracts of land and vacant lots subject to improvement. All new subdivision development, whether residential or non-residential will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSSs provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent. Land irrigation is prohibited as a wastewater treatment option in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

Failing HSTSSs shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29 providing that the local health department finds that the soils are suitable or agrees to another disposal method that will not cause an off-lot discharge of effluent.

When sanitary sewers become available all wastewater systems will be required to connect to sanitary sewers to ensure that wastewater will be treated at an existing POTW.

Areas That Will be Served by On-site Non-discharging Systems: (cream):
This area is comprised of large undeveloped tracts of land and vacant lots subject to improvement. These are areas in which new development is expected to be “large-lot” low density, with non-discharging household and semi-public disposal systems as the primary method for the treatment of wastewater. Existing HSTSSs and non-single-family private treatment systems, which fail to operate properly, will be required to be replaced and or upgraded. The decision to replace or repair existing HSTSSs shall be determined on a case-by-case basis and in accordance with the local planning agency and the local health department.

If any new development or subdivision is proposed with a system other than an on-lot
non-discharging system, the proposed system must receive written approval from the Ohio EPA, local health department, local planning department, and have been proven as safe, reliable, and effective in Northeast Ohio. A performance bond and written guarantee shall be requested from the designer, the developer, and individual owner and any homeowners’ association involved in the subdivision.

Land irrigation is prohibited as a wastewater treatment option in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

Northern Copley Township within the Yellow Creek Service Area
1. The area of Copley Township West of I-77 (South Hametown Road Area)
   All new residential subdivision developments and new commercial, industrial, institutional establishments within West Interstate Route 77 sanitary sewer service area shall be required to connect to the existing sanitary sewer system for the removal of sanitary wastewater from each new building unit or facility, fully observing all regulations of governing agencies. The developer or owner shall be required to extend new sanitary sewers as necessary from the proposed development of facility to the existing sewer system that is served by an existing, but not necessarily specified, publicly-owned wastewater treatment facility.

   Home sewage treatment systems (HSTs) may be considered appropriate for new single family houses constructed on “metes-and-bounds” parcels or within existing subdivisions if such parcel or subdivision is not currently served with sanitary sewer, and provided the new structure is not within 200 feet of an existing sanitary sewer.

   Failing HSTs serving existing buildings (residential or otherwise) in need of repair/replacement will be required to connect to the existing sanitary sewer facilities if a sanitary sewer service is reasonably available. The definition of reasonable will be left to local discretion. The Summit County Department of Environmental Services will not arbitrate in these cases.

2. The area of Copley Township East of I-77 (Rothrock Road Area)
   All new residential subdivision developments, new residential buildings constructed on “metes-and-bounds” parcels and new commercial, industrial, institutional establishments within the East Interstate Route 77 sanitary sewer service area shall be required to connect to the existing sanitary sewer system for the removal of sanitary wastewater from each new building unit or facility, fully observing all regulations of governing agencies. The developer or owner shall be required to extend new sanitary sewers as necessary from the proposed development of facility to the existing sewer system that is served by an existing, but not necessarily specified, publicly-owned wastewater treatment facility. All failing HSTs in need of repair/replacement will be required to connect to the existing sanitary sewer facilities, even if a sewer extension is required.

Joint Economic Development District Service Areas (dark green)
Copley Township – City of Akron Joint Economic Development District:
A Joint Economic Development District (JEDD) contract exists between the City of Akron and the Copley Township Trustees providing for sanitary sewer service being extended to JEDD areas and to township service areas pursuant to contract terms by the City of Akron upon approval of Copley Township Trustees. The City of Akron’s “prescriptions” for this JEDD Service Area are as follows:

*Areas Currently Sewered (yellow)*
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be treated and discharged at an existing POTW. Failing home sewage treatment systems (HSTs) 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 and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW.

*Existing Developed Areas (orange)*
Existing (developed) commercial, industrial, institutional and residential properties within the sanitary service area shall be required to connect to the sanitary sewer, as it becomes available, for the removal of sanitary wastewater.

*Areas that will be served by a POTW or by On-Site Non-discharging Systems (green):*
All new residential developments and new commercial, industrial, institutional establishments within the sanitary sewer service area shall be required to connect to the existing sanitary sewer system for the removal of sanitary wastewater, fully observing all regulations of governing agencies. The developer or owner shall be required to extend new sanitary sewers from the proposed development to the existing sanitary sewer system that is served by an existing POTW or regional facility.

Failing systems of existing commercial, and institutional establishments, in need of repair or replacement, will be required to connect to the existing sanitary sewer that is served by an existing POTW, even if a sewer extension is required.

No home sewage treatment systems (HSTs) are recommended within the sanitary sewer service area for new commercial, industrial, institutional, or residential developments. Non-discharging HSTs shall be considered appropriate for new single-family homes constructed within existing subdivisions located within the sanitary sewer service area if an existing publicly owned sanitary sewer system is not available to such properties. HSTs shall also be considered appropriate for new single-family houses built on metes-and-bounds parcels within the sanitary sewer service area that are not part of an existing subdivision and are not located adjacent to any publicly owned sanitary sewer system. The decision to require connection to sanitary sewer shall be determined on a case-by-case basis and in accordance with local zoning, the local planning agency and the Summit County Health Department, as required. Land irrigation is prohibited as a wastewater treatment option in this area.
Summit County Department of Environmental Services Jurisdiction - Coventry Township

Areas Currently Sewered (yellow):
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be treated 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 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29. Existing non-single-family private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW.

Areas That Will be Served by a POTW or by On-Site Non-discharging Systems (green):
This area contains large undeveloped tracts of land and vacant lots subject to improvement. All new subdivision development, whether residential or non-residential will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSSs provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent.

Land irrigation is prohibited as a wastewater treatment option in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

Failing HSTSSs shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29 providing that the local health department finds that the soils are suitable or agrees to another disposal method that will not cause an off-lot discharge of effluent.

When sanitary sewers become available all wastewater systems will be required to connect to sanitary sewers to ensure that wastewater will be treated at an existing POTW.

Areas That Will be Served by On-site Non-discharging Systems: (cream):
This area is comprised of large undeveloped tracts of land and vacant lots subject to improvement. These are areas in which new development is expected to be “large-lot” low density, with non-discharging household and semi-public disposal systems as the primary method for the treatment of wastewater. Existing HSTSSs and non-single-family private treatment systems, which fail to operate properly, will be required to be replaced and or upgraded. The decision to replace or repair existing HSTSSs shall be determined on a case-by-case basis and in accordance with the local planning agency and the local
health department. If any new development or subdivision is proposed with a system other than an on-lot non-discharging system, the proposed system must receive written approval from the Ohio EPA, local health department, local planning department, and have been proven as safe, reliable, and effective in Northeast Ohio. A performance bond and written guarantee shall be requested from the designer, the developer, and individual owner and any homeowners’ association involved in the subdivision. Land irrigation is prohibited as a wastewater treatment option for this area.

*Summit County Department of Environmental Services Jurisdiction - Village of New Franklin*

**Areas Currently Sewered (yellow):**
These areas are served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly-owned treatment works (POTW). As sanitary sewers become available, properties served by existing home sewage treatment systems (HSTSSs) or semi-public/private treatment systems will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW. Failing HSTSSs or semi-public/private wastewater treatment systems shall be abandoned and be required to provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW.

**Areas That Will be Served by a POTW or by On-Site Non-discharging Systems (green):**
This area contains large undeveloped tracts of land and vacant lots subject to improvement. New single family, multi-family, commercial, industrial, institutional sites and all subdivisions in this area may be improved with new HSTSSs or semi-public/private treatment systems provided the local health department or OEPA finds a suitable treatment system design and installation that meets state and local requirements and assures there will be no off-lot discharge of effluent. The local planning agency, health department, OEPA and the local Sanitary Engineer must concur that a public wastewater collection system will remain unavailable for the foreseeable future. All sites will be required to connect and/or provide sanitary service if the regulating agencies find it appropriate and sanitary service is located at a reasonable distance from the land to be developed.

Existing (developed) multi-family, commercial, industrial, and institutional properties, major and minor subdivisions, along with single-family home HSTSSs within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater.

All failing HSTSSs must be repaired or replaced to meet the standards found within OAC 3701-29 and the local health department regulations. All failing semi-public/private treatment systems must be repaired or replaced as required by the OEPA. The local planning agency, health department, OEPA and the local Sanitary Engineer must also
concur that a public wastewater collection system will not be available for some time. All failing sites will be required to connect and/or provide sanitary service if the regulating agencies find it appropriate and sanitary service is located at a reasonable distance from the land to be developed.

Land irrigation is prohibited as a wastewater treatment option in this area.

Areas That Will be Served by On-site Non-discharging Systems: (cream):
This area is comprised of large undeveloped tracts of land and vacant lots subject to improvement. These are areas in which new development is expected to be “large-lot” low density, with non-discharging household and semi-public/private disposal systems as the primary method for the treatment of wastewater. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSs provided the local health department finds a suitable treatment system design and installation that meets state and local requirements and assures there will be no off-lot discharge of effluent. All new multi-family, commercial, industrial, institutional and major and minor subdivisions in this area shall install on-site non-discharging semi-public/private treatment systems providing that the local health department and the OEPA finds that the soils are suitable.

Failing HSTSs and semi-public/private wastewater treatment systems will be required to be repaired, replaced and or upgraded. The decision to replace or repair existing HSTSs shall be determined on a case-by-case basis and in accordance with the local planning agency and the local health department and the OEPA.

Land irrigation is prohibited as a wastewater treatment option in this area.
Appendix 3-21

Franklin - Green
Facilities Planning Area
Franklin-Green Facilities Planning Area

I. Existing Situation
A. County/Basin: Summit and Stark / Ohio River Basin

B. Facilities Planning Area: Franklin-Green Facilities Planning Area

C. Designated Management Agency:
   I. Primary DMA
      a) Summit County Department of Environmental Services
   II. Secondary DMA
      a) Stark County Metropolitan Sewer District
      b) Wayne County Office of Environmental Services

D. Publicly-Owned Treatment Works:
   Zelray WWTP - serving residential subdivision
   Broken Fence WWTP - serving residential subdivision

E. Facilities Plan:
   Franklin-Green Facilities Plan, John David Jones and Associates, Inc., December 1977,
   revised December 1978 and June 1979.

F. Area Served:
   Summit County - Coventry Township (part), Springfield Township (part), Franklin
   Township (part) and the City of Green (part)
   Stark County - Lake Township (part)
   Wayne County - Chippewa Township (part)

G. Receiving Stream:
   Tuscarawas River

H. Contact Person/Address/Phone/Fax:
   a. David Marquard, Director of Environmental Services
      Summit County Department of Environmental Services
      2525 State Road
      Cuyahoga Falls, Ohio 44223
      Phone: (330) 926-2405
      Fax: (330) 926-2471
b. 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  
c. Mark Koheiser  
Zoning Inspector  
Village of New Franklin  
PO BOX 367  
Akron, Ohio 44319  
Phone: (330) 882-4611  

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

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*City of Green  

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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.

*These 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, (June 2003 and in progress), Wayne County Office of Environmental Services, (in progress), and Stark County Metropolitan Sewer District, January 15, 2004.

Stark County Metropolitan Sewer District Jurisdiction  
Areas that will be served by HSTSSs, 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 HSTHSs 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.

Areas currently served (yellow):
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 eventually be served by sewers (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 HSTTs 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 HSTTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTTs, 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, semi-public sewage treatment 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 HSTTs 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, HSTTs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTTs, 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.

Summit County Department of Environmental Services Jurisdiction - Village of New Franklin

Areas Currently Sewered (yellow):
These areas are served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly-owned treatment works (POTW). As sanitary sewers become available, properties served by existing home sewage treatment systems (HSTSS) or semi-public/private treatment systems will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW. Failing HSTSS or semi-public/private wastewater treatment systems shall be abandoned and be required to provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW.

Areas That Will be Served by a POTW or by On-Site Non-discharging Systems (green):
This area contains large undeveloped tracts of land and vacant lots subject to improvement. New single family, multi-family, commercial, industrial, institutional sites and all subdivisions in this area may be improved with new HSTSSs or semi-public/private treatment systems provided the local health department or OEPA finds a suitable treatment system design and installation that meets state and local requirements and assures there will be no off-lot discharge of effluent. The local planning agency, health department, OEPA and the local Sanitary Engineer must concur that a public wastewater collection system will remain unavailable for the foreseeable future. All sites will be required to connect and/or provide sanitary service if the regulating agencies find it appropriate and sanitary service is located at a reasonable distance from the land to be developed.

Existing (developed) multi-family, commercial, industrial, and institutional properties, major and minor subdivisions, along with single-family home HSTSS within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater.

All failing HSTSS must be repaired or replaced to meet the standards found within OAC 3701-29 and the local health department regulations. All failing semi-public/private treatment systems must be repaired or replaced as required by the OEPA. The local planning agency, health department, OEPA and the local Sanitary Engineer must also
concur that a public wastewater collection system will not be available for some time. All failing sites will be required to connect and/or provide sanitary service if the regulating agencies find it appropriate and sanitary service is located at a reasonable distance from the land to be developed.

Land irrigation is prohibited as a wastewater treatment option in this area.

**Areas That Will be Served by On-site Non-discharging Systems: (cream):**
This area is comprised of large undeveloped tracts of land and vacant lots subject to improvement. These are areas in which new development is expected to be “large-lot” low density, with non-discharging household and semi-public/private disposal systems as the primary method for the treatment of wastewater. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSs provided the local health department finds a suitable treatment system design and installation that meets state and local requirements and assures there will be no off-lot discharge of effluent. All new multi-family, commercial, industrial, institutional and major and minor subdivisions in this area shall install on-site non-discharging semi-public/private treatment systems providing that the local health department and the OEPA finds that the soils are suitable.

Failing HSTSs and semi-public/private wastewater treatment systems will be required to be repaired, replaced and or upgraded. The decision to replace or repair existing HSTSs shall be determined on a case-by-case basis and in accordance with the local planning agency and the local health department and the OEPA.

Land irrigation is prohibited as a wastewater treatment option in this area.

**Summit County Department of Environmental Services Jurisdiction – City of Green Areas Currently Sewered (yellow):**
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be treated 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 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29. Existing non-single-family private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW.

**Areas Programmed for Sewers Within the Next 20 Years (orange):**
This area 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 and treatment of sanitary wastewater, fully observing all regulations of governing agencies. The developer shall be required to extend new sanitary sewers from any proposed development to the existing sanitary system served by a POTW or regional facility.

Existing (developed) commercial, industrial, institutional and residential properties within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater.

Non-single-family private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW.

Failing HSTSs serving single-family homes shall be abandoned in accordance with the OAC 3701-29-02. HSTSs shall be considered appropriate for new single-family homes 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 to require connection to sanitary sewer 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. Land irrigation is prohibited as a wastewater treatment option in this area.

Areas That Will be Served by a POTW or by On-Site Non-discharging Systems (green):
This area contains large undeveloped tracts of land and vacant lots subject to improvement. All new subdivision development, whether residential or non-residential will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residually-zoned parcels may be so improved with new HSTSs provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent. Land irrigation is prohibited as a wastewater treatment option in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

Failing HSTSs shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29 providing that the local health department finds that the soils are suitable or agrees to another disposal method that will not cause an off-lot discharge of effluent.

When sanitary sewers become available all wastewater systems will be required to connect to sanitary sewers to ensure that wastewater will be treated at an existing POTW.

Areas That Will be Served by On-site Non-discharging Systems: (cream):
This area is comprised of large undeveloped tracts of land and vacant lots subject to improvement. These are areas in which new development is expected to be “large-lot” low density, with non-discharging household 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. The decision to replace or repair existing HSTSs shall be determined on a case-by-case basis and in accordance with the local planning agency and the local health department.

If any new development or subdivision is proposed with a system other than an on-lot non-discharging system, the proposed system must receive written approval from the Ohio EPA, local health department, local planning department, and have been proven as safe, reliable, and effective in Northeast Ohio. A performance bond and written guarantee shall be requested from the designer, the developer, and individual owner and any homeowners’ association involved in the subdivision.

Land irrigation is prohibited as a wastewater treatment option in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

**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 new commercial, industrial, institutional and residential development, for which there has not been a previous off-lot or off-parcel discharge of treated wastewater will be required to connect to existing sanitary sewers in the Stark-Summit Service Area. 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 to require connection to sanitary sewer shall be determined on a case-by-case basis and in accordance with local zoning, the local planning agency and the Summit County Health Department, as required. 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.
Appendix 3-22

Springfield No. 91
Facilities Planning Area
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:**
   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. David Marquard, Director of Environmental Services
         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.

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The above population projections (Approved 208) were prepared in 1990. Updated projections are scheduled to be prepared after county population projections are produced by the Ohio Department of Development Office of Strategic Research.

II. Wastewater Treatment Planning Prescriptions and Wastewater Planning Options
Original source information provided by the Summit County Department of Environmental Services, (June 2003 and in progress), and Stark County Metropolitan Sewer District, January 15, 2004.

Summit County Department of Environmental Services Jurisdiction – City of Green Areas Currently Sewered (yellow):
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be treated and discharged at an existing publicly-owned treatment works (POTW). Failing home sewage treatment systems (HSTs) serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29. Existing non-single-family private treatment systems which fail to operate properly will be required to
connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW.

**Areas Programmed for Sewers Within the Next 20 Years (orange):**
This area 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 and treatment of sanitary wastewater, fully observing all regulations of governing agencies. The developer shall be required to extend new sanitary sewers from any proposed development to the existing sanitary system served by a POTW or regional facility.

Existing (developed) commercial, industrial, institutional and residential properties within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater.

Non-single-family private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW.

Failing HSTSs serving single-family homes shall be abandoned in accordance with the OAC 3701-29-02. HSTSs shall be considered appropriate for new single-family homes 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 to require connection to sanitary sewer 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. Land irrigation is prohibited as a wastewater treatment option in this area.

**Areas That Will be Served by a POTW or by On-Site Non-discharging Systems (green):**
This area contains large undeveloped tracts of land and vacant lots subject to improvement. All new subdivision development, whether residential or non-residential will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residually-zoned parcels may be so improved with new HSTSs provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent. Land irrigation is prohibited as a wastewater treatment option in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

Failing HSTSs shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29 providing that the local health
department finds that the soils are suitable or agrees to another disposal method that will not cause an off-lot discharge of effluent.

When sanitary sewers become available all wastewater systems will be required to connect to sanitary sewers to ensure that wastewater will be treated at an existing POTW.

**Areas That Will be Served by On-site Non-discharging Systems: (cream):**

This area is comprised of large undeveloped tracts of land and vacant lots subject to improvement. These are areas in which new development is expected to be “large-lot” low density, with non-discharging household and semi-public disposal systems as the primary method for the treatment of wastewater. Existing HSTTs and non-single-family private treatment systems, which fail to operate properly, will be required to be replaced and/or upgraded. The decision to replace or repair existing HSTTs shall be determined on a case-by-case basis and in accordance with the local planning agency and the local health department.

If any new development or subdivision is proposed with a system other than an on-lot non-discharging system, the proposed system must receive written approval from the Ohio EPA, local health department, local planning department, and have been proven as safe, reliable, and effective in Northeast Ohio. A performance bond and written guarantee shall be requested from the designer, the developer, and individual owner and any homeowners’ association involved in the subdivision.

Land irrigation is prohibited as a wastewater treatment option in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

**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 new commercial, industrial, institutional and residential development, for which there has not been a previous off-lot or off-parcel discharge of treated wastewater will be required to connect to existing sanitary sewers in the Stark-Summit Service Area. 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 HSTTs are recommended within this service area for new developments or subdivisions. However, HSTTs 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 to require connection to sanitary sewer shall be determined on a case-by-case basis and in accordance with local zoning, the local...
planning agency and the Summit County Health Department, as required. 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.

*Summit County Department of Environmental Services Jurisdiction - Coventry Township*

**Areas Currently Sewered (yellow):**
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be treated 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 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29. Existing non-single-family private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW.

**Areas That Will be Served by a POTW or by On-Site Non-discharging Systems (green):**
This area contains large undeveloped tracts of land and vacant lots subject to improvement. All new subdivision development, whether residential or non-residential will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSs provided the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent.

Land irrigation is prohibited as a wastewater treatment option in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

Failing HSTSs shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 unless sewer service is not available, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29 providing that the local health department finds that the soils are suitable or agrees to another disposal method that will not cause an off-lot discharge of effluent.

When sanitary sewers become available all wastewater systems will be required to connect to sanitary sewers to ensure that wastewater will be treated at an existing POTW.
Areas That Will be Served by On-site Non-discharging Systems: (cream):
This area is comprised of large undeveloped tracts of land and vacant lots subject to improvement. These are areas in which new development is expected to be “large-lot” low density, with non-discharging household 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. The decision to replace or repair existing HSTSS shall be determined on a case-by-case basis and in accordance with the local planning agency and the local health department. If any new development or subdivision is proposed with a system other than an on-lot non-discharging system, the proposed system must receive written approval from the Ohio EPA, local health department, local planning department, and have been proven as safe, reliable, and effective in Northeast Ohio. A performance bond and written guarantee shall be requested from the designer, the developer, and individual owner and any homeowners’ association involved in the subdivision. Land irrigation is prohibited as a wastewater treatment option for this area.

Summit County Department of Environmental Services Jurisdiction - Springfield Township
Areas Currently Sewered (yellow):
These areas are served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly-owned treatment works (POTW). As sanitary sewers become available, properties served by existing home sewage treatment systems (HSTSS) or semi-public/private treatment systems will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW. Failing HSTSS or semi-public/private wastewater treatment systems shall be abandoned and be required to provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW.

Areas Programmed for Sewers Within the Next 20 Years (orange):
This area contains undeveloped tracts of land and vacant lots subject to improvement. All new multi-family, commercial, industrial, institutional sites and major subdivisions in this area shall be required to connect to the existing sanitary sewer system, for the removal and treatment of sanitary wastewater. This may require the extension of public sewers from the developing area to the existing sanitary system served by a POTW.

New minor subdivisions and remote metes-and bounds residentially-zoned parcels not located adjacent to any publicly owned sanitary sewer system may be so improved with new HSTSS provided the local health department finds a suitable treatment system design and installation that meets state and local requirements and assures there will be no off-lot discharge of effluent. The decision to require connection to sanitary sewer shall be determined on a case-by-case basis, and in accordance with local zoning, the local planning agency, health department, OEPA, and the local Sanitary Engineer.
Existing (developed) multi-family, commercial, industrial, and institutional properties, major and minor subdivisions, along with single-family home HSTSSs within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater.

Semi-public/private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. This may require the extension of public sewers from the failing treatment system to the existing sanitary system served by a POTW. Failing HSTSSs serving single-family homes shall be abandoned in accordance with the OAC 3701-29-02 and the local health department regulations. Replacement or repair of existing HSTSSs shall be considered appropriate within this area if they are not located adjacent to any publicly owned sanitary sewer system. The decision to require connection to sanitary sewer shall be determined on a case-by-case basis, and in accordance with local zoning, the local planning agency, OEPA, the Sanitary Engineer and provided the local health department finds a suitable treatment system design and installation that meets state and local requirements.

Land irrigation is prohibited as a wastewater treatment option in this area.

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

This area contains large undeveloped tracts of land and vacant lots subject to improvement. New single family, multi-family, commercial, industrial, institutional sites and all subdivisions in this area may be improved with new HSTSSs or semi-public/private treatment systems provided the local health department or OEPA finds a suitable treatment system design and installation that meets state and local requirements and assures there will be no off-lot discharge of effluent. The local planning agency, health department, OEPA and the local Sanitary Engineer must concur that a public wastewater collection system will remain unavailable for the foreseeable future. All sites will be required to connect and/or provide sanitary service if the regulating agencies find it appropriate and sanitary service is located at a reasonable distance from the land to be developed.

Existing (developed) multi-family, commercial, industrial, and institutional properties, major and minor subdivisions, along with single-family home HSTSSs within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater.

All failing HSTSSs must be repaired or replaced to meet the standards found within OAC 3701-29 providing that the local health department finds a suitable treatment system design and installation that meets state and local requirements. All failing semi-public/private treatment systems must be repaired or replaced as required by the OEPA. The local planning agency, health department, OEPA and the local Sanitary Engineer must also concur that a public wastewater collection system will not be available for
some time. All failing sites will be required to connect and/or provide sanitary service if the regulating agencies find it appropriate and sanitary service is located at a reasonable distance from the land to be developed.

Land irrigation is prohibited as a wastewater treatment option in this area. Removed off-lot discharge provision

**Joint Economic Development District Service Areas (dark green hatch)**

*Springfield Township – City of Akron Joint Economic Development District:*

A Joint Economic Development District (JEDD) contract exists between the City of Akron and the Springfield Township Trustees providing for sanitary sewer service being extended to JEDD areas and to township service areas pursuant to contract terms by the City of Akron upon approval of Springfield Township Trustees. All applications for sanitary sewer must be approved by petition by Springfield Township. Sanitary sewer plans must be approved by both the City of Akron and Summit County Department of Environmental Services before submission to the OEPA for a Permit To Install. The prescriptions for this JEDD Service Area are as follows:

**Areas Currently Sewered (yellow):**

These areas are served with sanitary sewers that have been constructed and are currently in operation. Any new development and construction in the yellow areas of this facilities planning area will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing publicly-owned treatment works (POTW). As sanitary sewers become available, properties served by existing home sewage treatment systems (HSTSSs) or semi-public/private treatment systems will be required to connect and/or provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW. Failing HSTSSs or semi-public/private wastewater treatment systems shall be abandoned and be required to provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW.

**Existing Developed Areas (Orange):**

This area contains undeveloped tracts of land and vacant lots subject to improvement. All new multi-family, commercial, industrial, institutional sites and major subdivisions in this area shall be required to connect to the existing sanitary sewer system, for the removal and treatment of sanitary wastewater. This may require the extension of public sewers from the developing area to the existing sanitary system served by a POTW.

New minor subdivisions and remote metes-and-bounds residentially-zoned parcels not located adjacent to any publicly owned sanitary sewer system may be so improved with new HSTSSs provided the local health department finds a suitable treatment system design and installation that meets state and local requirements and assures there will be no off-lot discharge of effluent. The decision to require connection to sanitary sewer shall be determined on a case-by-case basis, and in accordance with local zoning, the local planning agency, health department, OEPA, and the local Sanitary Engineer.
Existing (developed) multi-family, commercial, industrial, and institutional properties, major and minor subdivisions, along with single-family home HSTSS within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater.

Semi-public/private treatment systems which fail to operate properly will be required to connect and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. This may require the extension of public sewers from the failing treatment system to the existing sanitary system served by a POTW. Failing HSTSSs serving single-family homes shall be abandoned in accordance with the OAC 3701-29-02. Replacement or repair of existing HSTSSs shall be considered appropriate within this area if they are not located adjacent to any publicly owned sanitary sewer system. The decision to require connection to sanitary sewer shall be determined on a case-by-case basis, and in accordance with local zoning, the local planning agency, OEPA, the Sanitary Engineer and provided the local health department a suitable treatment system design and installation that meets state and local requirements.

Land irrigation is prohibited as a wastewater treatment option in this area.

Areas That Will be Served by a POTW or by On-Site Non-discharging Systems (green): This area contains large undeveloped tracts of land and vacant lots subject to improvement. New single family, multi-family, commercial, industrial, institutional sites and all subdivisions in this area may be improved with new HSTSSs or semi-public/private treatment systems provided the local health department or OEPA finds a suitable treatment system design and installation that meets state and local requirements and assures there will be no off-lot discharge of effluent. The local planning agency, health department, OEPA and the local Sanitary Engineer must concur that a public wastewater collection system will remain unavailable for the foreseeable future. All sites will be required to connect and/or provide sanitary service if the regulating agencies find it appropriate and sanitary service is located at a reasonable distance from the land to be developed.

Existing (developed) multi-family, commercial, industrial, and institutional properties, major and minor subdivisions, along with single-family home HSTSSs within this area shall be required to connect to the sanitary sewer, as it becomes available, for the removal and treatment of sanitary wastewater.

All failing HSTSSs must be repaired or replaced to meet the standards found within OAC 3701-29 providing that the local health department finds a suitable treatment system design and installation that meets state and local requirements. All failing semi-public/private treatment systems must be repaired or replaced as required by the OEPA. The local planning agency, health department, OEPA and the local Sanitary Engineer must also concur that a public wastewater collection system will not be available for some time. All failing sites will be required to connect and/or provide sanitary service if the regulating agencies find it appropriate and sanitary service is located at a reasonable distance from the land to be developed.
distance from the land to be developed.

Land irrigation is prohibited as a wastewater treatment option in this area.

**Stark County Metropolitan Sewer District Jurisdiction**

**Areas currently served with sanitary sewers (yellow):**
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 (green):**
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 effluent be permitted for new construction. When sewer becomes available, existing HSTSSs serving single, two, and three-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02. For HSTSSs, 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 (cream):
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 HSTSSs 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, HSTSSs serving single, two, and three-family homes shall be abandoned in
accordance with Ohio Administrative Code 3701-29-02. For HSTs, 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.
Appendix 3-23

Wayne County
Facilities Planning Areas (FPA)
Appendix 3-24

Apple Creek
Facilities Planning Area
Apple Creek Facilities Planning Area

I. Existing Situation
   A. County/Basin: Wayne / Ohio River Basin
   B. Facilities Planning Area: Apple Creek
   C. Designated Management Agency: a) Village of Apple Creek
   D. Publicly-Owned Treatment Works: Apple Creek WWTP, 0.1340 MGD. The Village recently bought the Apple Creek Development Center WWTP, which it is upgrading to 0.3000 MGD.
   E. Facilities Plan: There is no known facilities plan. However, a General Plan of proposed wastewater treatment facilities improvements was prepared by Engineering Associates, Lmt. and was submitted to Ohio EPA-NEDO on April 8, 1987. The plan was reviewed and approved, thereafter.

   A second General Plan of proposed wastewater treatment facilities improvements was prepared by Engineering Associates, Inc., and was submitted to the Ohio EPA-NEDO on May 27, 1998. An addendum to the General Plan was submitted to the Ohio EPA-NEDO on May 18, 2000. The plan was reviewed and approved thereafter.

   The General Plan evaluated the existing wastewater treatment plant and sewer systems for the Village of Apple Creek. The plan determined optimum improvements necessary to attain compliance with all the final effluent limitations in its NPDES permit.
   F. Area Served: Wayne County - Village of Apple Creek
   G. Receiving Stream: Apple Creek, tributary to Killbuck Creek
   H. Contact Person/Address/Phone/Fax: a. Mr. Randy Danford
      Village of Apple Creek
      P.O. Box 208
      Apple Creek, Ohio 44606
      Phone: (330) 698-1322
      Fax: (330) 698-1322
I. **Population Served:**
A detailed population project for the sanitary sewer service area was completed as part of the May 27, 1998 General Plan and was updated in the May 18, 2000 addendum. These figures are presented below:

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Approved NEFCO 208 **Clean Water Plan** population projections are not available.

II. **Wastewater Treatment Planning Prescription and Wastewater Planning Options**
Original source of information was provided by the Village of Apple Creek, April 6, 2001.

*Village of Apple Creek and Wayne County Office of Environmental Services Jurisdiction*

**Areas currently sewered with sanitary sewers (yellow):**
These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undeveloped tracts of land and vacant lots subject to improvement. All new development and construction in the yellow areas of this facility planning area will be required to connect to and/or provide sanitary service to ensure that the wastewater will be treated at the Village’s publicly-owned treatment works (POTW). Existing home sewage treatment systems (HSTS) or semi-public sewage disposal systems (SPSDS), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing HSTSs serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 (OAC 3701-29-02). Also, anyone who buys and sells property with an existing HSTS or SPSDS shall abandon their system and connect to the sanitary sewer system.

**Areas expected to be served with sanitary sewers within the next 20 years (orange):**
Sanitary sewer service to this area is not available; however, sewer extensions to said area may be available in the future. Sanitary sewer extensions shall be at the Village’s discretion. All new commercial, industrial, institutional and residential subdivision developments within the sanitary sewer service area shall connect to an existing sanitary sewer system for the removal of sanitary wastewater from each new facility within the new development. The developer shall extend new sanitary sewers as necessary from the proposed development to the existing sanitary sewer system that is served by an existing...
POTW. Any new residential, commercial or industrial development which meets the requirements of the Village’s subdivision regulations, will be required to install a dry system that will meet all Village and Ohio EPA requirements for connection to the Village sanitary sewer system when it becomes available. Failing systems in need of repair/replacement will be required to connect to the existing sanitary sewer facilities if sanitary sewer service becomes available. However, until such time as sanitary sewers are extended, appropriate HSTSs or SPSDSs as required by Wayne County or Ohio EPA NEDO may be approved.

Areas that will be served by a publicly-owned treatment works (POTW) or by home sewage treatment systems (HSTTs) and semi-public sewage disposal systems (SPSDSs) (green):
This area is currently unincorporated. The Village is served by its own sanitary sewer system that has the capacity to serve only limited areas outside of the Village and with the condition of annexation and availability of plant capacity first. For new locations where sanitary sewer service may be made available, all new subdivision development, whether residential or non-residential, and all other new non-residential and new multi-family residential development, will be required to meet subdivision regulations and to connect and/or provide sanitary service to ensure an existing POTW plant has capacity to treat the wastewater. Where sanitary sewer service is not available, new single-family subdivisions and non-residential single-building development may utilize HSTTs provided the local health department finds that the soils are suitable to assure there will be no off-lot discharge of effluent. Properties with existing but failing private treatment systems shall follow “Best Science” criteria for wastewater treatment options appropriate and approved by the Ohio EPA. Single lots and metes-and-bounds parcels for new and existing (failing HSTS) single-family residential home construction may utilize an HSTS, provided local health department approval is obtained. Exceptions may be granted based on sewer availability, soil conditions, extent of failure, plant capacity and the cost of repair.

Areas that will be served by HSTTs and SPSDSs (cream):
These are areas in which new development is expected to be “large-lot” low density, with non-discharging household and semi-public systems as the primary method for treatment of wastewater. These areas are controlled by Wayne County, and Wayne County will be the Lead DMA.
Appendix 3-25

Wayne County/Village of Burbank
Facilities Planning Area
Wayne County Facilities Planning Area - Burbank Sewer District

I. Existing Situation
   A. County/Basin:
      Wayne/Ohio River Basin
   
   B. Facilities Planning Area:
      Wayne County/Village of Burbank
   
   C. Designated Management Agency:
      I. Primary DMA
         a) Wayne County Office of Environmental Services
   
   D. Publicly-Owned Treatment Works:
      Burbank Sewer District WWTP, 0.070 MGD
      1 package plant
   
   E. Facilities Plan:
      The consultant for the Village of Burbank prepared a General Plan which was approved by the Ohio EPA. The consultant also prepared detail plans for the area. The permit to install (PTI) for this project was issued to the Village. The Village of Burbank has been unable to complete the project and all aspects of the project including grants and loans have been transferred to Wayne County who will complete and own the collection and treatment systems. The County has formed the Burbank Sewer District and will service the Village of Burbank and a small portion of unincorporated area adjacent to the Village. This area had been prescribed as on-site septic systems previously because no central sewer system was available. All other areas outside the Burbank Sewer District will maintain the prescription of on-site septic systems.
   
   F. Area Served:
      Wayne County - Village of Burbank, Canaan and Congress Townships
   
   G. Receiving Stream:
      Killbuck Creek, a tributary of the Walhonding River
   
   H. Contact Person/Address/Phone/Fax:
      Mr. Tim Patterson, Superintendent
      Wayne County Office of Environmental Services
      428 West Liberty Street
      Wooster, Ohio 44691
      Phone: (330) 287-5476
      Fax: (330) 287-5407
   
   I. Population Served:
      Approximately 300
II. **Wastewater Treatment Planning Prescription and Wastewater Planning Options**

The entire area inside the newly created Burbank Sewer District Boundary is currently served by on-site systems that have failed or are substandard systems. The entire area inside the Sewer District Boundary will be serviced by a central collection system and a wastewater treatment plant. There are no other options for treatment inside the District Boundary. All existing systems will be abandoned and all new construction will be required to be served by the collection and treatment system.

*Village of Burbank, Wayne County Office of Environmental Services Jurisdiction*

A. **Areas currently served with sanitary sewers (yellow)** – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. **New Development:**
   a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. **Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

   b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. Major Subdivisions, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully
observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

c. **Multi-family, Commercial, and Industrial Development** shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

C. **Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream)** – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTs and non-discharging SPSDs as the primary method for the treatment of wastewater.
2. **Existing (developed) Properties:**
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-26

Creston
Facilities Planning Area
Creston Facilities Planning Area

I. Existing Situation

A. County/Basin:
Wayne and Medina / Ohio River Basin

B. Facilities Planning Area:
Creston

C. Designated Management Agency:
I. Primary DMA
   a) Village of Creston
II. Secondary DMAs
   a) Wayne County Office of Environmental Services
   b) Medina County Sanitary Engineering Department

D. Publicly-Owned Treatment Works:
Creston WWTP, 0.3000 MGD

E. Facilities Plan:
UNKNOWN. The Environmental Design Group is the Village=s consultant. A General Plan for the wastewater treatment facilities improvements for the Village of Creston was submitted to Ohio EPA in November, 1986. The plan evaluated the Village=s existing wastewater treatment plant and sewer system. The plan determined optimum improvements necessary to attain all final effluent limitations in its NPDES permit.

F. Area Served:
   Wayne County - Village of Creston, Canaan Township (part), and Milton Township (part)

   Medina County - Westfield Township (part)

G. Receiving Stream:
Creston Ditch, tributary to Killbuck Creek

H. Contact Person/Address/Phone/Fax:
   a. Mr. Mark Allen, Utility Superintendent
      Village of Creston
      P.O. Box 194
      Creston, Ohio 44217
      Phone: (330) 435-4425
      Fax: (330) 435-6149
b. Mr. Tim Patterson, Superintendent  
Wayne County Office of Environmental Services  
County Administration Building  
428 West Liberty Street  
Wooster, Ohio 44691  
Phone: (330) 287-5476  
Fax: (330) 287-5407

c. Mr. Ken Holtz, County Engineer  
Medina County Sanitary Engineering Department  
791 West Smith  
Medina, Ohio 44606  
Phone: (330) 723-9580  
Fax: (330) 723-9661

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

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II. Wastewater Treatment Planning Prescription and Wastewater Planning Options
Original source information provided by the Village of Creston, DATE, the Wayne County Office of Environmental Services, DATE, the Medina County, DATE.

Wayne County Office of Environmental Services and the Village of Creston Jurisdiction

A. Areas currently served with sanitary sewers (yellow) – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. New Development:
a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):
a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. Major Subdivisions, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. Minor Subdivisions and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

   c. Multi-family, Commercial, and Industrial Development shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

C. **Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream)** – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTSs and non-discharging SPSDSs as the primary method for the treatment of wastewater.

2. **Existing (developed) Properties:**
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-27

Dalton
Facilities Planning Area
Dalton Facilities Planning Area
Clean Water Plan Update for the Ohio River Basin

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 home sewage and semi-public sewage disposal systems
Areas without a wastewater treatment plant
Planning precipitation

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

Northwest Ohio Four County Regional Planning and Development Organization, May 2005.
Dalton Facilities Planning Area

I. Existing Situation

A. County/Basin:
   Wayne / Ohio River Basin

B. Facilities Planning Area:
   Dalton

C. Designated Management Agency:
   I. Primary DMA
      a) Village of Dalton
      b) Wayne County Office of Environmental Services

D. Publicly-Owned Treatment Works:
   Dalton WWTP, 0.3000 MGD

E. Facilities Plan:
   Dalton Facilities Plan, Wayne County, Ohio were prepared by Friedl and Harris, Inc.,
   October, 1981. Detail plans of a proposed wastewater treatment plant for the Village of
   Dalton were submitted to Ohio EPA-NEDO in August, 1985. The plans which were
   prepared by the firm of Lester H. Poggemeyer, Inc., was reviewed and approved by Ohio
   EPA, thereafter.

F. Area Served:
   Wayne County - Village of Dalton, and Sugar Creek Township (part)

G. Receiving Stream:
   Beaverdam Creek, tributary to Newman Creek, a tributary of the Tuscarawas River

H. Contact Person/Address/Phone/Fax:
   a. Mr. Terry West, Wastewater Superintendent
      Water and Sewer Department
      Village of Dalton
      P.O. Box 493
      Dalton, Ohio 44618
      Phone: (330) 828-2182
      Fax: (330) 828-2182 - WWTP Lab
      (330) 828-8346 - Town Hall
I. Population Served:
The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

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II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Village of Dalton Jurisdiction
Areas Currently Sewered (yellow):
These areas are served with sanitary sewer that have been constructed and are currently in operation. Any new development and construction in the yellow area of this facilities 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). As sanitary sewer become available, properties served by existing home sewage treatment systems (HSTs) or semi-public/private treatment systems will be required to connect to and/or provide sanitary service to ensure that wastewater treatment will be transported and treated at an existing POTW. Failing HSTs or semi-public/private wastewater treatment systems shall be abandoned and be required to provide sanitary service to ensure that wastewater will be transported and treated at an existing POTW.

Wayne County Office of Environmental Services Jurisdiction
A. Areas currently served with sanitary sewers (yellow) – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. New Development:
a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. **Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

   b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

   1. **New Development:**
      a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

      b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

      c. **Multi-family, Commercial, and Industrial Development** shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing
sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

C. **Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream)** – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTSSs and non-discharging SPSDSs as the primary method for the treatment of wastewater.

2. **Existing (developed) Properties:**
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-28

Doylestown
Facilities Planning Area
Doylestown Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne/Ohio River Basin
   
   B. Facilities Planning Area:
      Doylestown
   
   C. Designated Management Agency:
      I. Primary DMA
         a) Wayne County Office of Environmental Services
         b) Village of Doylestown
   
   D. Publicly-Owned Treatment Works:
      Village of Doylestown Wastewater Treatment Plant
      Located on Calaboone Road with Discharge to Silver Creek
      Current Rated Capacity = 0.50 MGD expandable to 1.00 MGD
   
   E. Facilities Plan:
   
   F. Area Served:
      Village of Doylestown and the Northeastern portion of Chippewa Township in Wayne County
   
   G. Receiving Stream:
      Silver Creek which is a tributary to Chippewa Creek
   
   H. Contact Person/Address/Phone/Fax:
      Mr. Dennis White
      Village of Doylestown
      Wastewater Treatment Plant Superintendent
      135 Calaboone Road
      Doylestown, OH  44230
      Phone: 330-658-2181
      Fax: 330-658-3838

      Mr. Tim Patterson, Superintendent
      Wayne County Office of Environmental Services
      428 West Liberty Street
      Wooster, Ohio 44691
      Phone: (330) 287-5476
      Fax: (330) 287-5407

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

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II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

**Village of Doylestown Jurisdiction**

**Areas currently sewered with sanitary sewers (yellow):**
These areas are currently served with sanitary sewers that have been constructed and are currently in operation and which are connected to the existing Village of Doylestown Wastewater Treatment Plant. It is required that all residential and non-residential uses within the yellow areas be connected to the Doylestown Wastewater Treatment Plant.

Within the yellow areas of this Facilities Planning Area parcels can reasonably access the existing sewer lines and all vacant lots and undeveloped tracts of land are required to connect to the existing Doylestown publicly owned treatment works (POTW). No new development or expansion of an existing development will be permitted without a proper connection to the public sanitary sewer system in accordance with the policies, standards and specifications of the Village of Doylestown. Developers shall be required to extend new sanitary sewers as necessary from the existing sanitary sewer system to the proposed development.

Any existing household sewer treatment system within the yellow areas which ceases to operate properly shall be abandoned and the use connected to the sanitary sewer system. No existing household sewage treatment system in these areas shall be updated or expanded, but must be connected to the existing Doylestown POTW if change or modification of the system is required.

**Areas expected to be served with sanitary sewers within the next 20 years (orange):**
These are areas projected to have sanitary sewer service, but are not currently sewered. Projected wastewater flows from these areas have been accounted for with the system. All new wastewater generated by new developments, including residential, commercial, industrial, and institutional developments, will be required to connect to an existing Doylestown POTW. Developers shall be required to extend new sanitary sewers from the existing Doylestown POTW to the proposed development in conformance with the policies, standards and specifications of the Village of Doylestown.

Existing household sewage treatment systems, package plants, and semi-public sewage disposal systems within the orange areas must be abandoned and connected to the existing Doylestown POTW when sanitary sewers are available within 200 feet. All connections shall be in accordance with the policies, standards and specifications of the Village of Doylestown.
Household sewage treatment systems, package plants, and non-discharging and discharging semi-public sewage disposal systems are not recommended within these areas. Such systems may be considered on a case-by-case basis where:

1) sanitary sewer service to the existing POTW system is not reasonably available to the property,
2) parcels to be served by an on-site disposal system have a minimum area of two (2) acres, and
3) there are no plans for expansion or extension of the sanitary sewer collection system in the vicinity of the property scheduled within the next five (5) years, provided that the property owners installing and/or using such systems must connect to the public sanitary sewer system served by the existing Doylestown Wastewater Treatment Plant when public sanitary sewers are available within 200 feet of such properties.

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

These areas are currently rural portions of Chippewa Township where sanitary sewer service is not readily available, however, sewer extensions to these areas may be available in the future. It is recommended that new commercial, industrial, institutional, and residential developments within these areas connect to the existing public sanitary sewer system that is served by the existing Doylestown POTW. Developers are encouraged to extend existing sanitary sewer lines as necessary to service their developments.

Failing household sewage treatment systems, package plants, and semi-public sewage disposal systems may be approved based upon sanitary sewer availability, soil conditions, and County Health Department regulations.

Wayne County Office of Environmental Services Jurisdiction

A. Areas currently served with sanitary sewers (yellow) – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. New Development:
   a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned
Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years**

   **(orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

   c. **Multi-family, Commercial, and Industrial Development** shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.
b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

C. Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream) – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. New Development:
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTs and non-discharging SPSDs as the primary method for the treatment of wastewater.

2. Existing (developed) Properties:
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-29

Fredericksburg
Facilities Planning Area
Fredericksburg Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne / Ohio River Basin

   B. Facilities Planning Area:
      Fredericksburg

   C. Designated Management Agency:
      I. Primary DMA
         a) Village of Fredericksburg
      II. Secondary DMAs
         a) Wayne County Office of Environmental Services

   D. Publicly-Owned Treatment Works:
      Fredericksburg WWTP, 0.0600 MGD

   E. Facilities Plan:
      UNKNOWN.

   F. Area Served:
      Wayne County - the Village of Fredericksburg

   G. Receiving Stream:
      Salt Creek

   H. Contact Person/Address/Phone/Fax:
      a. Mr. Tim Patterson, Superintendent
         Wayne County Office of Environmental Services
         County Administration Building
         428 West Liberty Street
         Wooster, Ohio 44691
         Phone: (330) 287-5476
         Fax: (330) 287-5407

      b. Mr. Harold Gwen
         PO BOX 119
         Fredericksburg, OH 44627
         Phone: (330) 695-2011
         Fax: (330) 695-3606
I. **Population Served:**
No population projections have been prepared for the Fredericksburg area because the FPA boundary has not been determined.

201 ------------------- not prepared ---------------------------
Approved 208 ------------------- not prepared ---------------------------

II. **Wastewater Treatment Planning Prescription and Wastewater Planning Options**
Original source information provided by the Village of Fredericksburg, 2004.

_Village of Fredericksburg and Wayne County Office of Environmental Services Jurisdiction_

A. **Areas currently served with sanitary sewers (yellow)** – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. **New Development:**
   a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. **Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

   b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater...
treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

   c. **Multi-family, Commercial, and Industrial Development** shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

C. **Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream)** – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is
prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTSs and non-discharging SPSDSs as the primary method for the treatment of wastewater.

2. **Existing (developed) Properties:**
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-30

Kidron
Facilities Planning Area
Kidron Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne / Ohio River Basin
   B. Facilities Planning Area:
      Kidron
   C. Designated Management Agency:
      I. Primary DMA
         a) Wayne County Office of Environmental Services
   D. Publicly-Owned Treatment Works:
      Kidron WWTP, 0.???? MGD
   E. Facilities Plan:
      UNKNOWN
   F. Area Served:
      Wayne County - (Kidron) Sugar Creek Township (part)
   G. Receiving Stream:
      North Fork Sugar Creek
   H. Contact Person/Address/Phone/Fax:
      Mr. Tim Patterson, Superintendent
      Wayne County Office of Environmental Services
      County Administration Building
      428 West Liberty Street
      Wooster, Ohio 44691
      Phone: (330) 287-5476
      Fax: (330) 287-5407
   I. Population Served:
      The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

                 --------------------- not prepared ---------------------
      201         --------------------- not prepared ---------------------
      Approved 208         --------------------- not prepared ---------------------

II. Wastewater Treatment Planning Prescription and Wastewater Planning Options
    Original source information provided by the Wayne County Office of Environmental Services, September 24, 2003.
    Wayne County Office of Environmental Services Jurisdiction
A. **Areas currently served with sanitary sewers (yellow)** – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. **New Development:**
   a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. **Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

   b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-
02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

c. Multi-family, Commercial, and Industrial Development shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. Existing (developed) Properties:
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

C. Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream) – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. New Development:
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTSS and non-discharging SPSDSs as the primary method for the treatment of wastewater.

2. Existing (developed) Properties:
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-31

Marshallville
Facilities Planning Area
Marshallville Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne / Ohio River Basin
   
   B. Facilities Planning Area:
      Marshallville
   
   C. Designated Management Agency:
      I. Primary DMA
         a) Village of Marshallville
         b) Wayne County Office of Environmental Services
   
   D. Publicly-Owned Treatment Works:
      Marshallville WWTP, 0.1600 MGD
   
   E. Facilities Plan:
      UNKNOWN. The facilities planning boundary has been provided by the Wayne County
      Office of Environmental Services for Marshallville. No facilities plan has been prepared.
      The General Compliance Plan for the Village of Marshallville was completed in June,
      1987 by Poggemeyer Design Group, Inc., and was submitted to Ohio EPA, thereafter.
      Detail Plans for wastewater treatment facilities and collection system improvements were
      submitted to Ohio EPA in October, 1989.
   
   F. Area Served:
      Wayne County - the Village of Marshallville only
   
   G. Receiving Stream:
      Tributary to Red Run, a tributary to Chippewa Creek
   
   H. Contact Person/Address/Phone/Fax:
      a. Mr. Tim Morgan, Plant Supervisor
         Village of Marshallville
         P.O. Box 227
         Marshallville, Ohio 44645
         Phone: (330) 855-5985
         Fax: (330) 855-5985

      b. Mr. Tim Patterson, Superintendent
         Wayne County Office of Environmental Services
         County Administration Building
         428 West Liberty Street
         Wooster, Ohio 44691
         Phone: (330) 287-5476
         Fax: (330) 287-5407
I. **Population Served:**
Population projections prepared are part of the NEFCO Staged Land Development Guide for the Village of Marshallville are:

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Approved NEFCO 208 Clean Water Plan population projections are not available.

II. **Wastewater Treatment Planning Prescription and Wastewater Planning Options**
Original source information provided by the Village of Marshallville, 2004.

*Village of Marshallville Jurisdiction*

A. **Areas currently served with sanitary sewers (yellow)** – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. **New Development:**
   a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. **Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

   b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater system.
treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

   c. **Multi-family, Commercial, and Industrial Development** shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.
Appendix 3-32

Mount Eaton
Facilities Planning Area
Mount Eaton Facilities Planning Area
Clean Water Plan Update for the Ohio River Basin

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 home sewage and semi-public sewage disposal systems
Areas without a wastewater treatment planning prescription

FPA Boundary
Stream
Community Boundary
Highway
Road
Publicly Owned Waste Water Treatment Plant

Notes: See Clean Ohio Plan for technical explanations of the mapping categories.

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

3-32-2
Mount Eaton Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne / Ohio River Basin
   
   B. Facilities Planning Area:
      Mount Eaton
   
   C. Designated Management Agency:
      I. Primary DMA
         a) Village of Mt. Eaton
      II. Secondary DMAs
         a) Wayne County Office of Environmental Services
   
   D. Publicly-Owned Treatment Works:
      Village of Mt. Eaton WWTP, current capacity 45,000 gpd, reserve capacity 90,000 gpd
   
   E. Facilities Plan:
      This plan was prepared and submitted by Mayor Rodney W. Constable, Village of Mt.
   
   F. Area Served:
      The Village of Mt. Eaton and two small sections of Paint Township, Wayne County
   
   G. Receiving Stream:
      North Fork Sugar Creek
   
   H. Contact Person/Address/Phone/Fax:
      a. Hon. Rodney W. Constable
         Mayor, Village of Mt. Eaton
         PO BOX 279
         Mt. Eaton, OH  44659
         Phone: (330) 359-5727
         Fax: (330) 359-2302
         rconstable@sssnet.com
   
      b. Mr. Tim Patterson, Superintendent
         Wayne County Office of Environmental Services
         428 West Liberty Street
         Wooster, Ohio 44691
         Phone: (330) 287-5476
         Fax: (330) 287-5407
   
I. Population Served:
Approved NEFCO 208 Clean Water Plan population projections are not available.

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Population increases are based on the 20 percent increase in population experienced from the 1990 census to the 2000 census.

II. Wastewater Treatment Planning Prescription and Wastewater Planning Options

Original source information provided by the Village of Mount Eaton, and the Wayne County Office of Environmental Services, on March 29, 2003.

The Village of Mt. Eaton and the Wayne County Commissioners entered into a governmental agreement that gives the Village of Mt. Eaton jurisdiction over the sewer district known as Paint Township. The agreement was signed on August 9, 2000 and was authorized by Wayne County Resolution 2000-422 and Village Ordinance 4-2000.

Village of Mount Eaton Jurisdiction

Areas currently sewered with sanitary sewers (yellow):
All units within the village corporation limits are currently served. All future development within this area is required to connect to our wastewater system.

Areas expected to be served with sanitary sewers within the next 20 years (orange):
These areas are projected to receive sewer but are not yet sewered. Upon request from the property owner and upon availability of grant funds for construction, we will make service available to these areas. These areas are currently served by home sewer treatment systems.

Areas without a wastewater treatment planning prescription (white):
The areas outside of those marked in Yellow and Orange will be served by HSTSSs and SPSDSs. Upon request from the property owner and upon availability of grant funds for construction, consideration will be given to sewering these areas.

Wayne County Office of Environmental Services Jurisdiction

A. Areas currently served with sanitary sewers (yellow) – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. New Development:
a. New development in this area will be required to connect and/or provide the
necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. **Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

   b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. Major Subdivisions, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. Minor Subdivisions and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

   c. Multi-family, Commercial, and Industrial Development shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect
shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

C. **Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream)** – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTSS and non-discharging SPSDSs as the primary method for the treatment of wastewater.

2. **Existing (developed) Properties:**
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-33

Orrville
Facilities Planning Area
Orrville Facilities Planning Area

I. Existing Situation
   A. County/Basin: Wayne / Ohio River Basin
   
   B. Facilities Planning Area: Orrville
   
   C. Designated Management Agency:
      I. Primary DMA
      a) City of Orrville
      II. Secondary DMAs
      a) Wayne County Office of Environmental Services
      b) City of Orrville
   
   D. Publicly-Owned Treatment Works:
      Orrville WWTP, 3.2 MGD
      1 package plant
   
   E. Facilities Plan:
      The City=s consultant, Burgess & Niple, Ltd., prepared all the planning documents for
      the Orrville Facilities Plan. The initial Plan of Study prepared in September 1975, and
      the findings of the Infiltration/Inflow Analysis of the Orrville, Ohio Sanitary Sewer
      System completed in 1978 and the Orrville Sewer System Evaluation Survey, Interim
      Report, completed in October, 1979 were all incorporated into the Orrville Facilities
      Plan, Wastewater Collection and Treatment, released for review in August 1980.
      
      Detailed plans of the proposed wastewater treatment plant and sewer system
      improvements for the City of Orrville was submitted to Ohio EPA-NEDO in January
      1987. The plan which was prepared by Burgess and Niple, Limited, was reviewed and
      subsequently approved, thereafter.
      
      A revised Sewer Master Plan was prepared by Burgess & Niple, LTD in April 1999.
   
   F. Area Served:
      City of Orrville, Baughman Township (part), and Green Township (part)
   
   G. Receiving Stream:
      Little Chippewa Creek, a tributary of the Tuscarawas River
H. **Contact Person/Address/Phone/Fax:**
   a. Mr. Dan L. Preising, P.E., Director of Utilities  
      City of Orrville  
      207 North Main Street, Box 107  
      Orrville, Ohio 44667  
      Phone: (330) 684-5012  
      Fax: (330) 684-5040  

   b. Mr. Tim Patterson, Superintendent  
      Wayne County Office of Environmental Services  
      County Administration Building  
      428 West Liberty Street  
      Wooster, Ohio 44691  
      Phone: (330) 287-5476  
      Fax: (330) 287-5407  

I. **Population Served:**
   The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

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   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 Orrville, June 11, 2001 and revised on December 10, 2001.

   *Wayne County Office of Environmental Services and the City of Orrville Jurisdiction*

   **Areas currently sewer with sanitary sewers (yellow):**
   All new commercial, industrial, institutional and residential subdivision developments shall be required to connect to the 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 as necessary from the proposed development to the existing sanitary sewer system that is served by the existing (POTW). Failing home sewage treatment systems (HSTSSs) and semi-public sewage disposal systems (SPSDSs) and package plants in need of repair/replacement will be required to connect to the existing sanitary sewer facilities, even if a sewer extension is required. Failing HSTSSs shall be abandoned when sewers are available within 200 feet of the property on which the building is located. Otherwise, HSTSSs may be upgraded until a sewer becomes available. Failing HSTSSs serving single-family homes shall be abandoned in accordance with Ohio Administrative
Code 3701-29-02 (OAC 3701-29-02). Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially zoned parcels may be so improved with new HSTSs provided they are greater than 200 feet from an existing sewer, the local health department finds that soils are suitable to assure that there will be no off-lot discharge of effluent and there is no conflict with OAC 3701-29-02.

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

All new commercial, industrial, institutional and residential subdivision development 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 government agencies. The developer shall be required to extend new sanitary sewers as necessary from the proposed development to existing sanitary sewer system that is served by the existing POTW. Failing systems (HSTSs, SPSDSs, and Package Plants) in need of repair/replacement will be required to connect to the existing sanitary sewer facilities, even if a sewer extension is required. Failing HSTSs shall be abandoned when sewers are available within 200 feet of the property on which the building is located. Otherwise, HSTSs may be upgraded until a sewer becomes available. Failing HSTSs serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 (OAC 3701-29-02). Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSs provided they are greater than 200 feet from an existing sewer, the local health department finds that soils are suitable to assure there will be no off-lot discharge of effluent and there is no conflict with OAC 3701-29-02.

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

Project wastewater flow from this area is accounted for within the system. Sanitary sewer service to this area is not readily available; however, sewer extensions to said area may be available in the future. All new commercial, industrial, institutional and residential subdivision developments within the sanitary sewer service area shall be required to connect to an existing sanitary sewer system for the removal of sanitary wastewater from each new facility within the new development. The developer should be required to extend the existing sanitary sewer system that is served by an existing POTW. Failing systems (HSTSs, SPSDSs and Package Plants) in need of repair/replacement will be required to connect to the existing sanitary sewer facilities, if sanitary sewer service becomes available. Failing home sewage treatment systems (HSTSs) shall be abandoned when sewers are available within 200 feet of the property on which the building is located. Otherwise, HSTSs may be upgraded until a sewer becomes available. Failing HSTSs serving single-family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 (OAC 3701-29-02). Vacant lots within existing HSTS-served subdivisions and remote metes-and-bounds residentially-zoned parcels may be so improved with new HSTSs provided they are greater than 200 feet from an existing sewer, the local health department finds that soils are suitable to assure that there will be no off-lot discharge of effluent and there is no conflict with OAC 3701-29-02.
Appendix 3-34

Rittman
Facilities Planning Area
Rittman Facilities Planning Area
Clean Water Plan Update for the Ohio River Basin

Areas currently served with sanitary sewer
Areas expected to be served with sanitary sewer 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
* Please see Clean Water Plan for complete explanation of the mapping categories.

Source: Northeast Ohio Four County Regional Planning and Development Organization, May 2005
Rittman Facilities Planning Area

I. Existing Situation
A. County/Basin:
   Wayne and Medina / Ohio River Basin

B. Facilities Planning Area:
   Rittman

C. Designated Management Agency:
   I. Primary DMA
      a) City of Rittman
   II. Secondary DMAs
      a) Wayne County Office of Environmental Services
      b) Medina County Sanitary Engineering Department

D. Publicly-Owned Treatment Works:
   Rittman WWTP, 1.5910 MGD

E. Facilities Plan:

F. Area Served:
   Wayne County - City of Rittman, Milton Township (part), and Chippewa Township (part)
   Medina County - Guilford Township (part)

G. Receiving Stream:
   River Styx, a tributary of the Chippewa Creek

H. Contact Person/Address/Phone/Fax:
   a. Mr. Cary Metcalf, Utilities Director
      City of Rittman
      30 North Main Street
      Rittman, Ohio 44270
      Phone: (330) 925-2045
      Fax: (330) 925-2006

   b. Mr. Tim Patterson, Superintendent
      Wayne County Office of Environmental Services
      County Administration Building
      428 West Liberty Street
      Wooster, Ohio 44691
      Phone: (330) 287-5476
      Fax: (330) 287-5407
I. Population Served:
The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

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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 Rittman, DATE, the Wayne County Office of Environmental Services, DATE.

City of Rittman and Wayne County Office of Environmental Services Jurisdiction

A. Areas currently served with sanitary sewers (yellow) – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. New Development:
   a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

   b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to...
provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

   c. **Multi-family, Commercial, and Industrial Development** shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.
C. **Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream)** – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTs and non-discharging SPSDs as the primary method for the treatment of wastewater.

2. **Existing (developed) Properties:**
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-35

Shreve
Facilities Planning Area
Shreve Facilities Planning Area
Clean Water Plan Update for the Ohio River Basin

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 semipublic sewage disposal systems
Areas that will be served by a POTW or by home sewage and semipublic sewage disposal systems
Areas without a wastewater treatment planning prescription
Leases and Ponds

Notes:
1. Areas shown on this map may be subject to change.
2. The map is not to scale.

Northwest Ohio Four County Regional Planning and Development Organization, May 2005

3-35-2

July 20, 2005

NEFCO APPROVED DRAFT
Shreve Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne and Holmes / Ohio River Basin

   B. Facilities Planning Area:
      Shreve

   C. Designated Management Agency:
      I. Primary DMA
         a) Village of Shreve
         b) Wayne County Office of Environmental Services
         c) Holmes County

   D. Publicly-Owned Treatment Works:
      Shreve WWTP, 0.4830 MGD

   E. Facilities Plan:
      Step One Grant offer was received in August, 1979. Engineering Associates, Ltd., has
      prepared portions of the Step One facilities plan. General plan of proposed wastewater
      treatment facilities improvements for the Village of Shreve was submitted to Ohio EPA-
      NEDO in August, 1985. The Plan, which was prepared by Engineering Associates, was
      reviewed and approved, thereafter.

   F. Area Served:
      Wayne County - Village of Shreve, Clinton Township (part), and Franklin Township
      (part)

      Holmes County - Riley Township (part)

   G. Receiving Stream:
      Shreve Creek, a tributary of the Killbuck Creek

   H. Contact Person/Address/Phone/Fax:
      a. Mr. Bruce Biggs, Head of Water and Sewer
         Village of Shreve
         P.O. Box 604
         Shreve, Ohio 44667
         Phone: (330) 567-2601
         Fax: (330) 567-3804
b. Mr. Tim Patterson, Superintendent
Wayne County Office of Environmental Services
County Administration Building
428 West Liberty Street
Wooster, Ohio 44691
Phone: (330) 287-5476
Fax: (330) 287-5407

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

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II. Wastewater Treatment Planning Prescription and Wastewater Planning Options
Original source information provided by the Village of Shreve, DATE, the Wayne County Office of Environmental Services, DATE.

Village of Shreve Jurisdiction and Wayne County Office of Environmental Services Jurisdiction

A. Areas currently served with sanitary sewers (yellow) – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. New Development:
a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):
a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to
provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.

   c. **Multi-family, Commercial, and Industrial Development** shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. **Existing (developed) Properties:**
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.
C. **Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream)** – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTs and non-discharging SPSDs as the primary method for the treatment of wastewater.

2. **Existing (developed) Properties:**
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-36

Smithville
Facilities Planning Area
Smithville Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne / Ohio River Basin

   B. Facilities Planning Area:
      Smithville

   C. Designated Management Agency:
      I. Primary DMA
         a) Village of Smithville
      II. Secondary DMAs
         a) Wayne County Office of Environmental Services

   D. Publicly-Owned Treatment Works:
      Smithville WWTP, 0.2800 MGD
      Within the planning area we have 2 package plants

   E. Facilities Plan:
      Bender, Grindle, Raike, Inc., Facilities Plan Engineering Report for Wastewater Facilities for Village of Smithville, Ohio, April, 1976
      Finkbeiner, Pettis & Strout, Inc., Wastewater Treatment Plant Improvements for Village of Smithville, Ohio, April 1997

   F. Area Served:
      Village of Smithville located in Wayne and Green Township, Wayne County

   G. Receiving Stream:
      Sugar Creek Mainstem

   H. Contact Person/Address/Phone/Fax:
      a. Mr. Charles Heath, Licensed Wastewater Treatment Plant Operator
         Don Fry, Plant Operator
         Village of Smithville
         P.O. Box 517
         Smithville, Ohio 44677
         Phone: (330) 669-2633
         Fax: (330) 669-3470
b. Mr. Tim Patterson, Superintendent  
Wayne County Office of Environmental Services  
County Administration Building  
428 West Liberty Street  
Wooster, Ohio 44691  
Phone: (330) 287-5476  
Fax: (330) 263-5307

I. Population Served:  
The Facilities Plan for Wastewater Facilities for the Village of Smithville, Ohio has a population projection for the design year 2000 of 1,333 people for Smithville and 2,100 people for the planning area.

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Approved 208 --- ----- ----- ----- ----- -----

Smithville population is based on 2000 census with modest increases due to limited building sites available. The village is bordered by large farms, so the population around Smithville is spread out except for some concentration at a retirement care facility.

(a) Bender, Grindle, Raike, Inc., November, 1975. Plate 10-Appendix D.

Approved NEFCO 208 Clean Water Plan population projections are not available.

II. Wastewater Treatment Planning Prescription and Wastewater Planning Options  
Original source information provided by the Village of Smithville, April, 2003, and the Wayne County Office of Environmental Services, April 2003.

**Village of Smithville and Wayne County Office of Environmental Services Jurisdiction**

**Areas currently served with sanitary sewers (yellow):**
These areas are currently incorporated and served with sanitary sewers that have been constructed and in operation. All new development and construction in this area will be required to connect to and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at the Village of Smithville wastewater treatment plant.

New development in this area will be connected to the Village of Smithville wastewater treatment plant. The cost to connect to and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer. In addition, the cost to improve and/or expand existing sewer mains and wastewater treatment capacity shall be borne by the developer. The wastewater treatment plant must meet EPA permit requirements with the new anticipated flows added to existing flow rates. If existing capacity is found to be available an impact study on the treatment plant will be required and an impact fee may be imposed on the developer.
Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at the Smithville Wastewater Treatment Plant when sanitary sewer becomes available, as determined by the Ohio EPA and/or the Wayne County Board of Health.

Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of the Village of Smithville. The cost to connect to and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

**Areas expected to be served with sanitary sewers within the next 20 years (orange):**
All future sanitary sewers constructed in this area will be connected to the Village of Smithville wastewater treatment plant. The developer must make a formal written request to Smithville Village Council and Board of Public Affairs requesting services. The areas presently exist outside of the corporation limits and Council may request annexation as a condition for providing services.

All sanitary sewers constructed in this area will be connected to the Village of Smithville wastewater treatment plant. The cost to connect to and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer. In addition, the cost to improve and/or expand existing sewer mains and wastewater treatment capacity shall be borne by the developer. The wastewater treatment plant must meet EPA permit requirements with the new anticipated flows added to existing flow rates. If existing capacity is found to be available an impact study on the treatment plant will be required and an impact fee may be imposed on the developer.

Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

**Areas that will be served by HSTSs and SPSDs (cream):**
These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

These are rural areas with large undeveloped tracts of land. These are areas in which
new development is expected to be large-lot, low density with non-discharging HSTs and non-discharging SPSDs as the primary method for the treatment of wastewater.

Existing HSTs and SPSDs that fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-37

West Salem
Facilities Planning Area
West Salem Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne / Ohio River Basin
   
   B. Facilities Planning Area:
      West Salem
   
   C. Designated Management Agency:
      I. Primary DMA
         a) Village of West Salem
         b) Wayne County Office of Environmental Services
   
   D. Publicly-Owned Treatment Works:
      West Salem WWTP, 0.2040 MGD
   
   E. Facilities Plan:
      UNKNOWN. However, a General Plan of proposed wastewater treatment facilities improvements for the Village of West Salem was submitted to Ohio EPA-NEDO for review in 1986. The plan which was prepared by Engineering Associates, Ltd., was subsequently approved in 1987. The General Plan evaluated the Village=s existing wastewater treatment plant and sewer system, and determined the optimum improvements necessary to attain compliance with all the final effluent limitations in its NPDES permit.
   
   F. Area Served:
      Wayne County - Village of West Salem and Congress Township (part)
   
   G. Receiving Stream:
      Muddy Fork of Mohigan River
   
   H. Contact Person/Address/Phone/Fax:
      a. Mr. Jim Ramsey, Head of Water and Sewer
         Village of West Salem
         P.O. Box 256
         West Salem, Ohio 44287
         Phone: (419) 853-4400
         Fax: (419) 853-4158
   
      b. Mr. Tim Patterson, Superintendent
         Wayne County Office of Environmental Services
         County Administration Building
         428 West Liberty Street
         Wooster, Ohio 44691
         Phone: (330) 287-5476  Fax: (330) 287-5407
I. Population Served:
The population projections used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

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II. Wastewater Treatment Planning Prescription and Wastewater Planning Options
Original source information provided by the Village of West Salem, DATE, and the Wayne County Office of Environmental Services, DATE.

Village of West Salem Jurisdiction
Areas currently sewered with sanitary sewers (yellow):
Areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

New development in this area will be required to connect to and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at the West Salem Wastewater Treatment Plant. The cost to connect to and/or develop the infrastructure will be the property owner’s/developer’s expense.

Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at the West Salem Wastewater Treatment Plant within one year of the sanitary sewer becoming available and accessible, as determined by the Ohio EPA and/or the Village of West Salem.

Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect to and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

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

These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development after annexation within this area shall be subject to the following:

Subdivisions, as defined by the West Salem Planning Commission’s Subdivision
Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect to and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

Individual lots, and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the West Salem Planning Commission and the Village Administrator for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be off-lot discharge of effluent.

Multi-family, Commercial, and Industrial Development, shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. Both low density and high density flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect to and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer.

Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, within one year of it becoming available and accessible, as determined by the Ohio EPA and/or the Village of West Salem.

Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Village of West Salem, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

Wayne County Office of Environmental Services Jurisdiction

A. Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream) – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. New Development:
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTs and non-discharging SPSDs as the primary method for the treatment of wastewater.
2. **Existing (developed) Properties:**
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-38

Wooster
Facilities Planning Area
Wooster Facilities Planning Area

I. Existing Situation
   A. County/Basin:
      Wayne / Ohio River Basin

   B. Facilities Planning Area:
      Wooster

   C. Designated Management Agency:
      I. Primary DMA
         a) City of Wooster
      II. Secondary DMAs
         a) Wayne County Office of Environmental Services
         b) City of Wooster

   D. Publicly-Owned Treatment Works:
      Wooster WWTP, 7.5000 MGD
      Wayne County-Hillcrest WWTP, 0.20 MGD

   E. Facilities Plan:
      Jones and Henry Engineers, Ltd., City of Wooster, Ohio - 201 Facilities Plan, April 1980.
      Jones and Henry Engineers, Ltd., City of Wooster, Ohio Facilities Plan Update, February 1986.
      Wayne County Office of Environmental Services and City of Wooster, Wooster Facilities Plan Update for the Clear Creek Sewer Area in Wayne County, Ohio, January 15, 1999.

   F. Area Served:
      City of Wooster (part), East Union Township (part), Franklin Township (part), Green Township (part), Wayne Township (part), and Wooster Township (part)

   G. Receiving Stream:
      Killbuck Creek and unnamed tributary to Apple Creek

   H. Contact Person/Address/Phone/Fax:
      a. Mr. Michael Hunter, Utilities Superintendent
         City of Wooster
         1123 Columbus Road
         Wooster, Ohio 44691
         Phone: (330) 263-5200 ext 385
         Fax: (330) 263-5291
b. Mr. Tim Patterson, Superintendent  
Wayne County Office of Environmental Services  
County Administration Building  
428 West Liberty Street  
Wooster, Ohio 44691  
Phone: (330) 287-5476  
Fax: (330) 287-5407

c. Dr. Gregory L. Halley, MD, MBA  
Wayne County Health Commissioner  
203 S. Walnut Street  
Wooster, OH 44691  
Phone: (330) 264-9590  
Fax: (330) 262-2538

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

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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 Wooster, December 2002.

City of Wooster Jurisdiction
Areas currently seweried with sanitary sewers (yellow):
City of Wooster - These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undeveloped tracts of land and vacant lots subject to improvement and there may be isolated buildings on a household sewage treatment system (HSTS) on properties located more than 100’ from a public sewer. All new buildings the yellow areas within the City of Wooster will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at the Wooster POTW.

Existing non-residential private treatment systems (if any), which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing home sewage treatment systems (HSTSs) serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 subject to availability of a public sanitary sewer. If a public sewer is not available, the owner will
be required to repair or replace the on-site system in accordance with the regulations of the Wayne County Health Department.

A public sanitary sewer shall be deemed available inside the corporation limits pursuant to Codified Ordinance 923.02(d), which states that the owner of any house, building or property used for human occupancy, employment, recreation or other purposes situated within the City and abutting on any street, alley or right of way in which there is located a public sanitary sewer of the City is required to extend and connect directly with the proper public sanitary sewer provided the public sanitary sewer is within 100 feet of the property line.

**Wayne County Office of Environmental Services and the City of Wooster Jurisdiction**

**Areas currently sewered with sanitary sewers (yellow):**

*Wayne Township (part) and Wooster Township (part)* - These areas have been constructed and are currently served in operation that discharge to the Wooster POTW or Hillcrest POTW. However, there may be undeveloped tracts of land and vacant lots subject to improvement and there may be isolated buildings on a HSTS or a semi-public sewage disposal system (SPSDS) with foundations located more than 200’ from a public sewer. All new buildings in the yellow areas outside the City of Wooster will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at the Wooster POTW or Hillcrest POTW.

Existing non-residential private treatment systems (if any), two-family private treatment systems or three-family private treatment systems, which cease to operate properly, shall be abandoned and connection made to the existing sanitary sewer system. Failing home sewage treatment systems (HSTs) serving single family homes shall be abandoned in accordance with Ohio Administrative Code 3701-29-02 subject to availability of a public sanitary sewer. If a public sewer is not available, the owner will be required to repair or replace the on-site system in accordance with the regulations of the Wayne County Health Department.

A public sewer in unincorporated areas within sewer district boundaries shall be deemed available pursuant to Wayne County Health Department Regulation #144, which requires connect to a public sanitary sewer of any structure whose foundation is within 200’ of a public sanitary sewer.

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

These are areas projected to receive sanitary sewers but are not yet sewered. All wastewater generated by new major residential subdivisions of 5 lots or more, and all commercial, industrial, and institutional developments will be required to connect to an existing publicly owned treatment works (POTW). The developer shall be required to extend new sanitary sewers as necessary, fully observing all regulations of governing agencies (including annexation if tying into Wooster sewers outside of existing sewer district boundaries), from the proposed development to the existing sanitary sewer system that is served by an existing POTW.
If annexation is not possible because the land is not contiguous to the city and the owners of properties between the corporation limits and the proposed development are not willing to annex, then the proposed development can occur using non-discharging HSTs or non-discharging semi-public sewage disposal systems (SPSDSs) for each lot. For new subdivisions, dry sewers must also be installed for future connection to the public sanitary sewer system. A general master plan of dry sewer system must be approved by the agency having jurisdiction before approval of the HSTs will be granted. The contractor/builder of individual residential units will have the opportunity to secure permission from the local zoning or planning agency that has jurisdiction and the Wayne County Health Department for installation of a non-discharging HST if sewers are not yet available.

Non-discharging HSTs or non-discharging SPSDSs using irrigation will not be permitted.

In accordance with the Ohio Administrative Code 3701-29-02 and applicable Wayne County and City of Wooster rules, any operating, failing or failed HST, package plants, non-discharging and discharging semi-public systems must connect to an existing POTW sanitary sewer if the sanitary sewers are available.

A public sanitary sewer shall be deemed available pursuant to Codified Ordinance 923.02(d) inside the corporation limits, which states that the owner of any house, building or property used for human occupancy, employment, recreation or other purposes situated within the City and abutting on any street, alley or right of way in which there is located a public sanitary sewer of the City is required to extend and connect directly with the proper public sanitary sewer provided the public sanitary sewer is within 100 feet of the property line. A public sewer in unincorporated areas within sewer district boundaries shall be deemed available pursuant to Wayne County Health Department Regulation #144, which requires connection to a public sanitary sewer of any residential structure whose foundation is within 200 feet of a public sanitary sewer. Failing semi-public sewage disposal systems (SPSDSs) are under the jurisdiction of Ohio EPA.

**Areas that will be served by a publicly-owned treatment works (POTW) or by home sewage treatment systems (HSTs) and semi-public sewage disposal systems (SPSDSs) (green):**

These are rural areas with undeveloped tracts of land and vacant lots subject to improvement and existing subdivisions developed in the past using HSTs for wastewater treatment. All new subdivision development, whether residential or non-residential, and all other new non-residential, and multi-family residential development, will be required to annex (if tying into Wooster sewers) and to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. If annexation is not possible because the land is not contiguous to the city and the owners of properties between the corporation limits and the proposed development are not
willing to annex, then the proposed development can occur using non-discharging HSTs or non-discharging semi-public sewage disposal systems (SPSDSs) for each lot. For new subdivisions, dry sewers must also be installed for future connection to the public sanitary sewer system. A general master plan of the dry sewer system must be approved by the agency having jurisdiction before approval of the HSTs will be granted.

Non-discharging HSTs or non-discharging SPSDSs using irrigation will not be permitted.

Vacant lots within HST-served subdivisions and remote metes and bounds residentially-zoned parcels may be so improved with new HSTs provided the Wayne County Health Department finds that soils are suitable to assure there will be no off-lot discharge of effluent.

Owners of existing single-family, two-family and three-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. Exceptions may be granted/requested based on sewer availability, soil conditions, extent of failure, and cost or repair. This decision shall be determined on a case-by-case basis by the Wayne County Health Department.

Areas without a wastewater treatment planning prescription (white):
Until this plan is modified, these white areas will follow current regulations for the Wayne County Health District or Ohio EPA as applicable.
Appendix 3-39

Prescription for the Balance of Wayne County
Office of Environmental Services Jurisdiction
A. **Areas currently served with sanitary sewers (yellow)** – These areas are identified in the Comprehensive Plan as Growth Areas and Future Expansion Areas. A common policy of both areas is that public water and sanitary sewer service shall be required and on-lot wastewater systems should be prohibited. These areas are currently served with sanitary sewers.

1. **New Development:**
   a. New development in this area will be required to connect and/or provide the necessary sanitary sewer infrastructure to connect to existing sewer lines to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant. The cost to connect and/or develop the infrastructure will be the developer’s expense.

2. **Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**
   a. Existing sewage systems shall be required to connect to the existing sanitary sewer to ensure that wastewater will be treated at a County or Municipality owned Wastewater Treatment Plant when sanitary sewer becomes available and accessible, as determined by the Ohio EPA and/or the Wayne County Board of Health.

   b. Failing sewage systems will be required to connect to the existing sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure shall be borne by the property owner.

B. **Areas expected to be served with sanitary sewers within the next twenty (20) years (orange)** – These areas are identified in the Comprehensive Plan as the Transitional Areas. The infrastructure policy in this area is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, on-lot water and wastewater systems are expected (with Health Department and Ohio EPA approvals). Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. **New Development:**
   a. **Major Subdivisions**, as defined by the Wayne County Planning Subdivision Regulations, will be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or to provide the necessary sanitary sewer infrastructure to connect to existing sewer lines shall be borne by the developer.

   b. **Minor Subdivisions** and metes and bounds lots for single-family development, not adjacent to the existing sanitary sewer, may be developed, as determined on a case-by-case basis by the Board of County Commissioners for using non-discharging Household Sewage Treatment Systems (HSTS), in accordance with OAC 3701-29-02, and if the Board of Health finds that the soils are suitable to assure there will be no off-lot discharge of effluent.
c. Multi-family, Commercial, and Industrial Development shall be classified as either low density/low flow or high density/high flow, as determined by the Ohio EPA. High density/high flow development shall be required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or provide the necessary sanitary sewer infrastructure to connect shall be borne by the developer. Low density/low flow development may occur using non-discharging Semi-Public Sewage Disposal Systems (SPSDS), in accordance with Ohio EPA requirements.

2. Existing (developed) Properties:
   a. Existing (developed) properties shall be required to connect to the existing sanitary sewer, at the property owner’s cost, as it becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health.

   b. Failing sewage systems may be replaced and/or upgraded as necessary until such time as the sanitary sewer is available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health, at which time, the property must be connected to the sanitary sewer system and the existing sewage system shall be abandoned, at the property owner’s cost.

C. Areas expected to be served by individual on-lot systems or semi-public systems, and where local officials are oriented to maintaining an unsewered status for the foreseeable future (cream) – These areas are identified in the Comprehensive Plan as the Conservation Area. The infrastructure policy in the Conservation Area is that on-lot water and wastewater systems are expected (with County Health Department and Ohio EPA approvals) with alternative wastewater technologies supported where meeting current health standards and practices. The extension of central sewers to these areas is prohibited. Land irrigation is prohibited as a wastewater treatment option in this area. Development within this area shall be subject to the following:

1. New Development:
   a. These are rural areas with large undeveloped tracts of land. These are areas in which new development is expected to be large-lot, low density with non-discharging HSTs and non-discharging SPSDSs as the primary method for the treatment of wastewater.

2. Existing (developed) Properties:
   a. Existing sewage systems which fail to operate may be replaced and/or upgraded as necessary.
Appendix 3-40

NEFCO Population Projections
Methodology of NEFCO Population Projections, 2000 - 2030

In 1995, the Northeast Ohio Four County Regional Planning and Development Organization (NEFCO) released a set of sub-county population projections for the four-county area for the years 1995 to 2020. The goal of the project was to provide a consistent set of figures to be used for planning purposes at the county and regional levels and to incorporate the county control totals calculated by the state’s Office of Strategic Research. The 1995-2020 population projections were approved by each county’s planning commission and the NEFCO General Policy Board. Sub-county projections are available to the public and private sectors as well as to the general public. Since NEFCO continues to receive numerous requests for these data, revised projections are expected to prove useful.

In 1999, the Akron Metropolitan Area Transportation Study (AMATS), the Metropolitan Planning Organization for Portage and Summit Counties and Chippewa Township in Wayne County, requested a revision in the sub-county projections covering its service area. AMATS will be using the projections to update its Regional Transportation Plan. NEFCO had planned to revise its 1995-2020 projections after the results of Census 2000 were published. However, AMATS’ request prompted NEFCO staff to update its current set of projections. A revision reflecting the latest Census figures is planned within the next 2 years.

Staff used the 1995-2020 projections in order to forecast future populations for the years 2025 and 2030. For Portage, Stark, Summit and Wayne Counties, populations for the years 2010, 2015, and 2020 (from NEFCO’s projections adopted in 1995) were used to calculate figures for 2025 and 2030. A statistical regression technique calculated by the Excel spreadsheet’s AForecast@ function was used. County totals for the years 2000, 2010, 2015 and 2020 were developed by the Ohio Department of Development’s Office of Strategic Research. County totals for the years 2025 and 2030 are the sum of the projected populations of the individual communities.

The Stark County methodology differs slightly. For NEFCO’s 1995-2020 data set Stark County’s projections for the years 2000, 2005, 2010, and 2015 were not prepared. In order to utilize the same straight-line forecasting methodology as used for Portage, Summit and Wayne Counties, staff prepared projections for these missing years as well as for 2025 and 2030. In order to generate numbers for 2000, 2005, 2010, and 2015 the difference between the 1990 Census populations and the approved 2020 figures was calculated for each community. Next, the assumption was made that growth rates for successive five-year increments would be equal over the 30 year span. This step allowed for the populations for each community to total the previously-approved 2020 data. However, the total of the individual entities did not conform to the County Control Total generated by the Ohio Department of Development’s Office of Strategic Research. Staff calculated the amounts over or under the control total and then allocated the difference among each of Stark County’s communities using that community’s percentage of the total county population in 1990.
While a constant rate of growth in the population for each community is unlikely, this assumption was necessary because of the lack of information other than the (declining) population trend between 1980 and 1990. The 2025 and 2030 populations were generated in a way similar to those of Portage, Summit and Wayne Counties. The populations from the years 2010, 2015 and 2020 were entered into a regression equation found in the Microsoft Excel spreadsheet. This equation predicts the population along a linear trend using existing values.

Since this current set of projections includes populations previously released in 1995, a discussion of the methodology used in 1995 is necessary. Adopting county population projections developed by the Ohio Department of Development, Office of Strategic Research (OSR), the model, AChange in County Share-Moderate 1980-1990 Trends, was used to develop a preliminary set of projections for consideration by the NEFCO Planning Advisory Committee. This method used as its base a community’s county share, or percent of the county population for 1980 and 1990. The model then calculated the change in a community’s percent of county share from 1980 to 1990 and moderated this percentage change by a factor to determine a trend for 1995. This trend was applied to 1990 to estimate 1995’s population. The process was repeated for the years 2000, 2005, 2010, 2015 and 2020. To determine the 2020 population projection for a county, an average growth rate between 1990 and 2015 was calculated and applied to the estimated county population for 2015.

These projections do not include recent annexations or reflect the building boom which is occurring in many of our communities. We recognize this as a weakness of these projections but it would have been difficult to consider these types of data and provide AMATS with the figures they needed in a timely manner. We will certainly use this information when new projections are prepared.

NEFCO staff is committed to coordinating with our Planning Advisory Committee a new set of population projections for our local governments once the 2000 Census information is available, and when the Ohio Department of Development has issued county control totals.
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All projections were adopted by NEFCO's Board in 2000.

*See Summit County for projections.

Prepared by the Northeast Ohio Four County Regional Planning and Development Organization (NEFCO) and the Akron Metropolitan Area Transportation Study (AMATS), May 2000.

July 20, 2005
### NEFCO Population Projections

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**STARK TOTAL**

378,098 376,598 377,201 379,903 383,240 386,153 389,174

All projections were adopted by the NEFCO General Policy Board in 2000.
*Stark County portion only.

Prepared by the Northeast Ohio Four County Regional Planning and Development Organization (NEFCO) and the Akron Metropolitan Area Transportation Study (AMATS), May 2000.

July 20, 2005
## NEFCO Population Projections

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**SUMMIT TOTAL** | 542,899 | 542,000 | 545,800 | 557,600 | 566,120 | 576,826 | 586,986 |

All projections were adopted by NEFCO's Board in 2000.  
* Populations for the Village of New Franklin were derived by decreasing the population of Franklin Twp.  

Prepared by the Northeast Ohio Four County Regional Planning and Development Organization (NEFCO) and the Akron Metropolitan Area Transportation Study (AMATS), May 2000.
### NEFCO Population Projections

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<th>Wayne County</th>
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<th>2000 NEFCO</th>
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<th>2010 NEFCO</th>
<th>2015 NEFCO</th>
<th>2020 NEFCO</th>
<th>2025 NEFCO*</th>
<th>2030 NEFCO*</th>
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All projections were adopted by NEFCO's Board in 2000.

*See Summit County for Norton's projections