

NEFCO

NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING & DEVELOPMENT ORGANIZATION

175 South Main Street, Suite 211
Akron, Ohio 44308-1308

(330) 643-8514 • Fax (330) 643-5046
www.nefcoplanning.org

Richard Regula, Chairman

Joseph Hadley, Jr., Executive Director

July 20, 2022

Ms. Genny Hanna, P.E.
Environmental Division Manager
City of Akron Department of Public Service
166 S. High Street, Room 701
Akron OH 44308

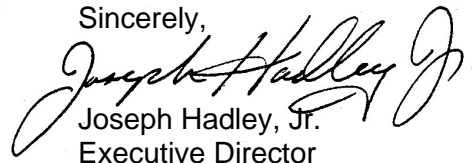
SUBJECT: NEFCO approval of an Amendment to the Clean Water Plan to Modify the Akron Facilities Planning Area (FPA) and Fish Creek FPA Boundary in the Cities of Cuyahoga Falls and Stow for the Summit County Pump Station No. 19 Service Area

Dear Ms. Hanna:

Enclosed for your records is a signed resolution from the NEFCO General Policy Board indicating its approval of your requested amendment to the Clean Water Plan for the Akron Facilities Planning Area (FPA) and Fish Creek FPA to modify the FPA Boundary in the Cities of Cuyahoga Falls and Stow for the Summit County Pump Station No. 19 Service Area. Also enclosed are the pertinent maps and related materials for this amendment. Thank you for all of your assistance in our 208 planning process. If you would like a hard copy of these documents, please contact us.

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

Sincerely,



Joseph Hadley, Jr.
Executive Director

JH:rlm

pc: Patricia Vanah, Ohio EPA-NEDO
Alison Rogalski, Manager, Summit County Public Health
James D. McCleary, City Engineer, City of Stow
Tony Demasi, City Engineer, City of Cuyahoga Falls
Michael Vinay, Director, Summit County Department of Sanitary Sewer Services

M E M O R A N D U M

TO: NEFCO General Policy Board

FROM: Tom LaPlante, Water Quality/Environmental Planner

DATE: July 13, 2022

SUBJECT: Consideration of an Amendment to the Clean Water Plan to Modify the Akron Facilities Planning Area (FPA) and Fish Creek FPA Boundary in the Cities of Cuyahoga Falls and Stow for the Summit County Pump Station No. 19 Service Area

What's being requested:

The City of Akron is requesting a 201/208 Facilities Planning Area (FPA) amendment to change the Akron FPA boundary for the Summit County Pump Station 19 service area in the City of Cuyahoga Falls and the City of Stow. Summit County Department of Sanitary Sewer Services (DSSS) has requested that a 201/208 FPA amendment be prepared and submitted for approval consideration to allow the Pump Station No. 19 service area, which is currently located in the Akron FPA and served by the City of Akron's Water Reclamation Facility (WRF), to be located within the Fish Creek FPA and be served by the Fishcreek WRF via the existing Seasons Road Pump Station (Summit County DSSS letter attached).

Background (adapted from information provided by the City of Akron):

The proposed Summit County Pump Station No. 19 relocation project redirects the residential and industrial sewershed located near Wyoga Lake from the Akron WRF to the Summit County DSSS Fishcreek WRF via the existing Seasons Road Pump Station. The sewershed is currently located within the Akron FPA boundary (Figure 1). Summit County DSSS previously evaluated the impacts of removing the flow and loading from the Akron WRF and adding it to the DSSS Fishcreek WRF via the existing Seasons Road Pump Station. The evaluation confirmed that the receiving collection system and DSSS Fishcreek WRF have adequate treatment capacity available for the redirected flow loading.

Re-routing the additional flow to the Summit County DSSS Fishcreek WRF requires replacement of the existing Pump Station No. 19 along Wyoga Lake, the existing force main, and portions of the associated gravity sewer. Summit County DSSS plans to permanently abandon the existing Pump Station No. 19 and replace it with a larger pump station northeast of the existing site and northwest of the Hampshire Road cul-de-sac.

Facilities Planning Area (FPA) boundary change:

The service area is currently located within the Akron FPA (Figure 2). Under the proposed FPA boundary change, the service area would be transferred to the Fish Creek FPA (Figure 3).

Wastewater prescription change:

The current wastewater prescription for the amendment area is yellow: "Areas Currently Served with Sanitary Sewers". No wastewater prescription change is proposed.

Local governments/agencies affected:

City of Cuyahoga Falls, City of Stow, Summit County DSSS, and Summit County Public Health.

On January 6, 2022, the City of Akron sent a request-for-comment letter to all four affected local government entities. The sample letter and responses from all four affected local government entities for this 45-day request-for-comment period, which ended on February 20, 2022, are on file with NEFCO. The response from the City of Cuyahoga Falls included as an attachment documentation of the existing Cuyahoga Falls Industrial Park Sanitary Sewer District, as established by the August 14, 1996 Agreement entered into between the County of Summit and the City of Cuyahoga Falls and a copy of that Agreement, which are also on file with NEFCO, as are draft amendment Figures 1 through 3, which the City of Akron provided with the January 6th letter. Summit County DSSS and Summit County Public Health responded that they have “no objection” to the amendment; the City of Stow recommended that approval of the amendment be withheld until completion of further review; and the City of Cuyahoga Falls recommended the comments attached to its response form. Summit County DSSS subsequently reviewed and discussed the Pump Station No. 19 relocation project with the City of Stow, which satisfied the City’s comments. DSSS responded to the comments from the City of Cuyahoga Falls, indicating that the amendment would have no impact on the existing Cuyahoga Falls Industrial Park Sanitary Sewer District, and that the current wastewater treatment prescription for Cuyahoga Falls in the Akron FPA would be used in the Fish Creek FPA.

On June 14, 2022, the City of Akron sent a second request-for-comment letter to all four affected local government entities. The sample letter and responses from all four affected local government entities for this 45-day request-for-comment period, which ends on July 29, 2022, are on file with NEFCO. The responses to the June 14, 2022 letter were received from these affected local government entities by June 22, 2022 and indicate that all four have “no objection” to the amendment.

Public notification efforts:

The legal notice was published in the Akron Beacon Journal on January 8, 2022 (attached). No comments were received by the City of Akron.

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

The only change to Appendix 3-28, Akron FPA, page 3-28-2, is the proposed FPA map shown in Figure 3. Changes to Appendix 3-31, Fish Creek FPA, pages 3-31-2 and 3-31-3, will reflect the proposed FPA map shown in Figure 3, and the addition of Cuyahoga Falls as shown in the attachment.

Staff recommendation:

At the ERTAC meeting on July 6, 2022, staff recommended approval of the amendment.

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

The ERTAC recommended approval of the amendment.

NEFCO General Policy Board Action:

Approval of Resolution No. FY2023-002.

RESOLUTION OF THE GENERAL POLICY BOARD OF THE NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING AND DEVELOPMENT ORGANIZATION (NEFCO) APPROVING AN AMENDMENT TO THE CLEAN WATER PLAN TO MODIFY THE AKRON FACILITIES PLANNING AREA (FPA) AND FISH CREEK FPA BOUNDARY IN THE CITIES OF CUYAHOGA FALLS AND STOW FOR THE SUMMIT COUNTY PUMP STATION NO. 19 SERVICE AREA

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

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

WHEREAS, NEFCO has been requested by the City of Akron to consider an amendment to the Clean Water Plan to modify the Akron Facilities Planning Area (FPA) and Fish Creek FPA boundary in the Cities of Cuyahoga Falls and Stow for the Summit County Pump Station No. 19 Service Area; and

WHEREAS, the Summit County Department of Sanitary Sewer Services (DSSS) has requested that the City of Akron prepare and submit a 201/208 Facilities Planning Area (FPA) boundary amendment for approval consideration to allow the Pump Station No. 19 Service Area, which is currently located in the Akron FPA and served by the City of Akron's Water Reclamation Facility (WRF), to be located within the Fish Creek FPA and be served by the Fishcreek WRF via the existing Seasons Road Pump Station; and

WHEREAS, the current wastewater treatment prescription for the amendment area is yellow: "Areas Currently Served with Sanitary Sewers"; and

WHEREAS, no wastewater treatment prescription change is proposed for the amendment area; and

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

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

WHEREAS, this amendment only changes the map and not the text from the current Clean Water Plan Appendix 3-28 Akron Facilities Planning Area; and

WHEREAS, this amendment changes the map from the current Clean Water Plan Appendix 3-31 Fish Creek Facilities Planning Area (FPA) and the text by adding the City of Cuyahoga Falls as a secondary management agency for the Fish Creek FPA, and adding that part of the City of Cuyahoga Falls will be served by the Fishcreek Water Reclamation Facility; and

WHEREAS, there is a pending Permit-to-Install (PTI) for the Summit County Department of Sanitary Sewer Service Pump Station No. 19 Relocation Project; and

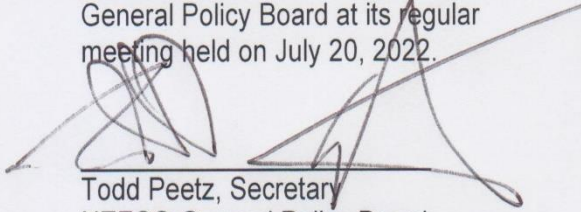
WHEREAS, the Ohio Environmental Protection Agency (Ohio EPA) cannot legally issue the PTI without this amendment being approved by the NEFCO General Policy Board; and

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

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

NOW, THEREFORE, BE IT RESOLVED that the NEFCO General Policy Board approves this amendment to the Clean Water Plan to modify the Akron Facilities Planning Area (FPA) and Fish Creek FPA boundary in the Cities of Cuyahoga Falls and Stow for the Summit County Pump Station No. 19 Service Area. Furthermore, the Board directs staff to incorporate this amendment into NEFCO's Clean Water Plan and to transmit pertinent amendment materials to the City of Akron, Summit County Department of Sanitary Sewer Services, Summit County Public Health, City of Cuyahoga Falls, City of Stow, and Ohio EPA.

Certified as action taken by the NEFCO
General Policy Board at its regular
meeting held on July 20, 2022.



Todd Peetz, Secretary
NEFCO General Policy Board

Summit County DSSS letter

County of Summit · The High Point of Ohio



ILENE SHAPIRO
COUNTY EXECUTIVE

Department of Sanitary Sewer Services

Michael A. Weant, Director

February 12, 2020

DB: 5537:02:20

Attn: Ms. Genny Hanna, P.E.
City of Akron
Department of Public Service
Akron Engineering Bureau
166 South High Street, Room 701
Akron, OH 44308-1627

RE: Q-452 Pump Station #19 Relocation
Hampshire Rd.
City of Stow

Dear Ms. Hanna

Summit County Department of Sanitary Sewer Services (DSSS) is currently working on a project to reroute the force main of Pump Station #19 located on Hampshire Road in the City of Stow near Wyoga Lake. Currently the force main is part of the Mud brook Sanitary System which is part of the Akron Facility Planning Area (FPA). The proposed force main will disconnect from Mud Brook and outlet into the Fish Creek sewer system which is part of the Fish Creek FPA. DSSS requests that the City of Akron pursue an amendment to the existing FPA to move the entirety of the Pump Station #19 service area in the Fish Creek FPA. If you should have any further questions or concerns, please reach out to me at (330) 926-2578 or email me at dbridenstine@summitoh.net.

Sincerely,

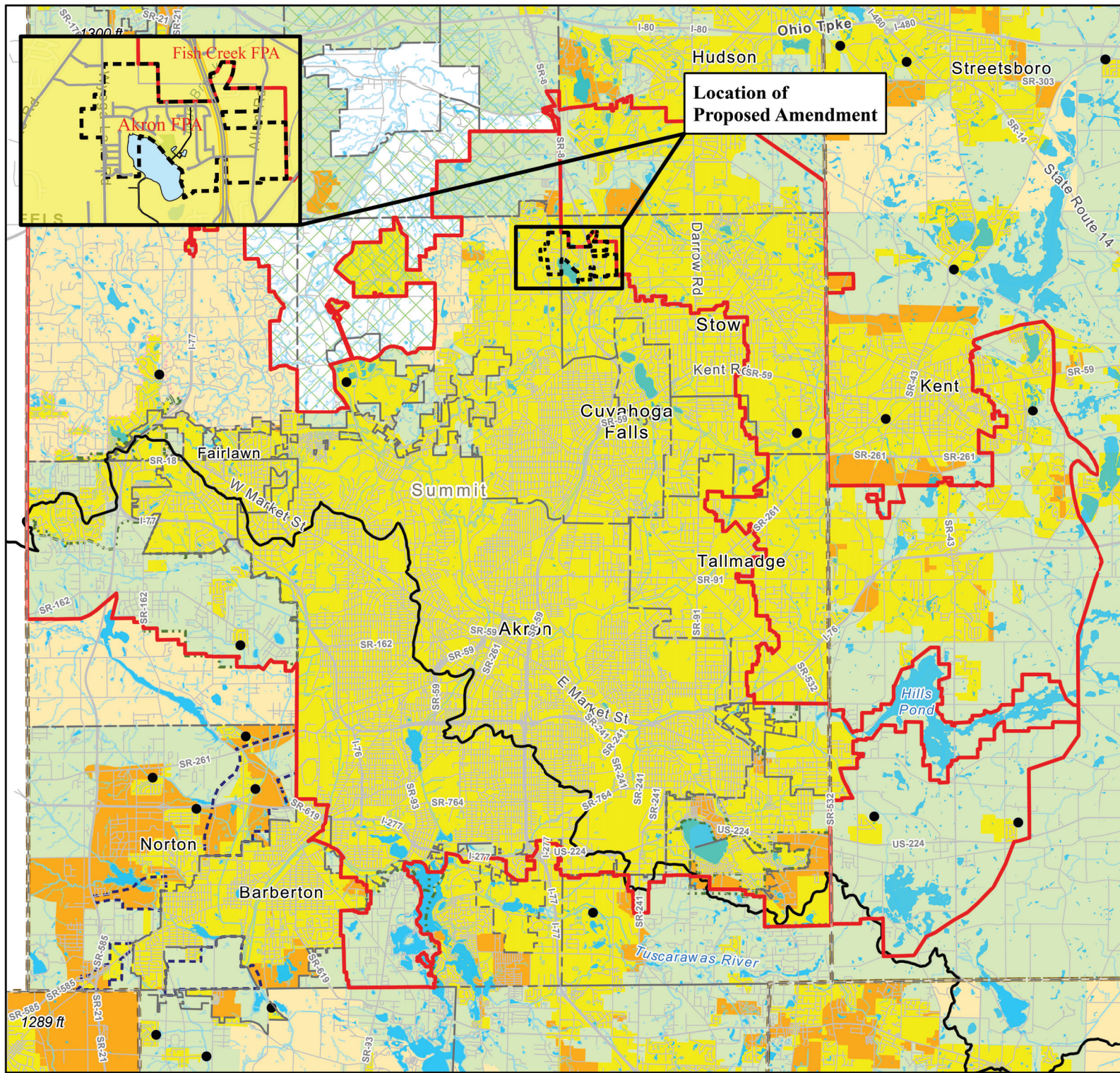
MICHAEL A. WEANT, DIRECTOR
COUNTY OF SUMMIT DEPT OF SANITARY SEWER SERVICES

David R. Bridenstine, P.E.
Environmental Engineer

pc: Tim Gott, Ross Nicholson
Master File



Figure 1 - Amendment Location Map

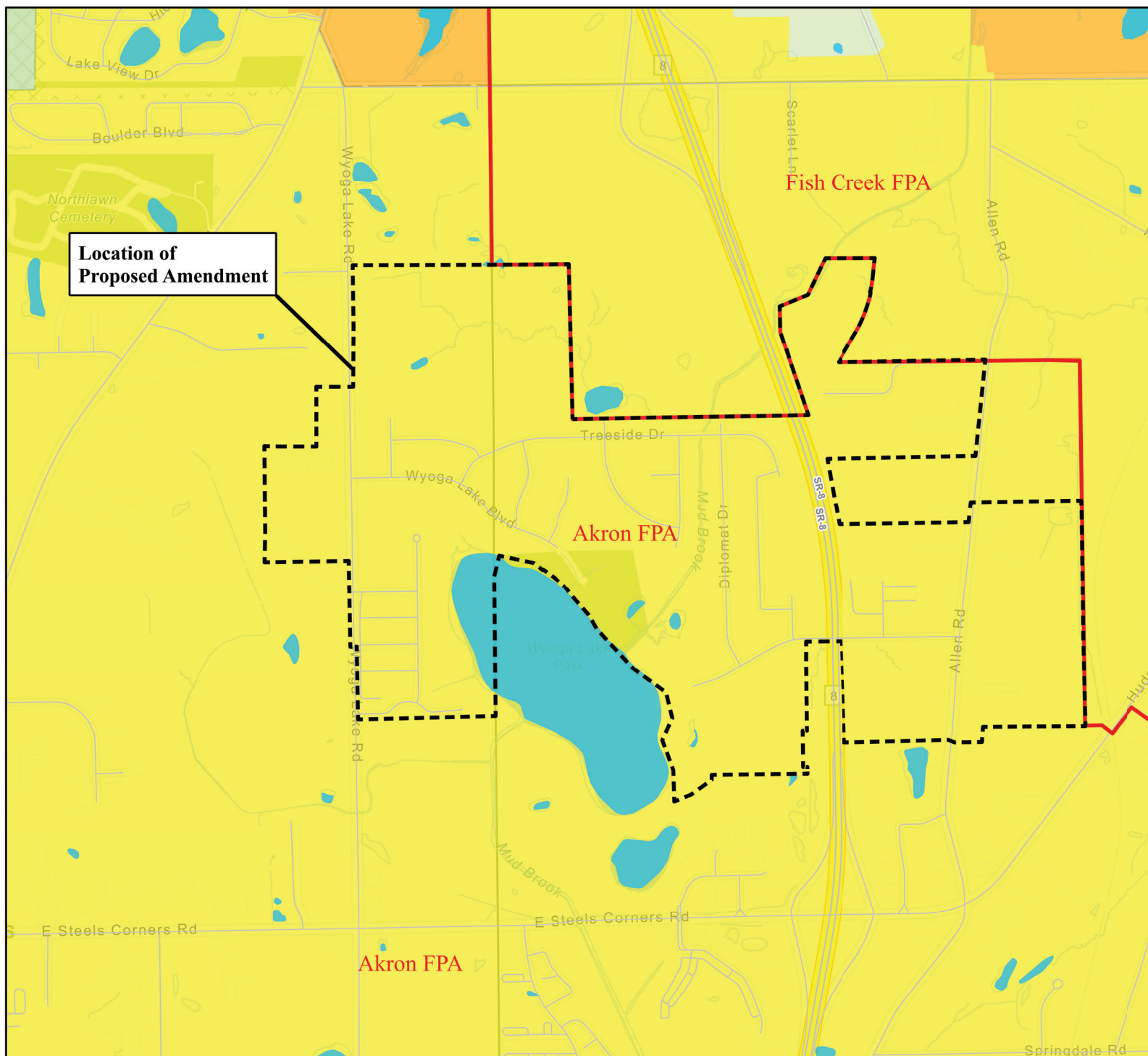






















- Areas Currently Served with Sanitary Sewers
- Areas Expected to be Served with Sanitary Sewers within the Next 20 Years
- Areas that will be Served by Household Sewage Treatment Systems and Semi-Public Sewage Disposal Systems
- Areas that will be Served by a POTW or by Household Sewage Treatment Systems and Semi-Public Sewage Disposal Systems
- Areas without a Wastewater Treatment Planning Prescription
- Akron Joint Economic Development District Contract Areas
- Barberton-Norton Joint Economic Development District Contract Areas
- Bath Township Water and Sewer District
- Parks and Conservation Areas
- Lakes/Ponds
- FPA Boundary
- Summit County Pump Station 19 Service Area
- Counties
- Political Subdivisions
- Lake Erie Basin-Ohio River Basin Divide
- Rivers/Streams
- State Route
- Interstate Highway
- US Route
- Other Roads
- Publicly Owned Treatment Works Nov. 2020



0 2.6 Miles

Figure 2 - Existing Prescriptions and FPA Boundary Map

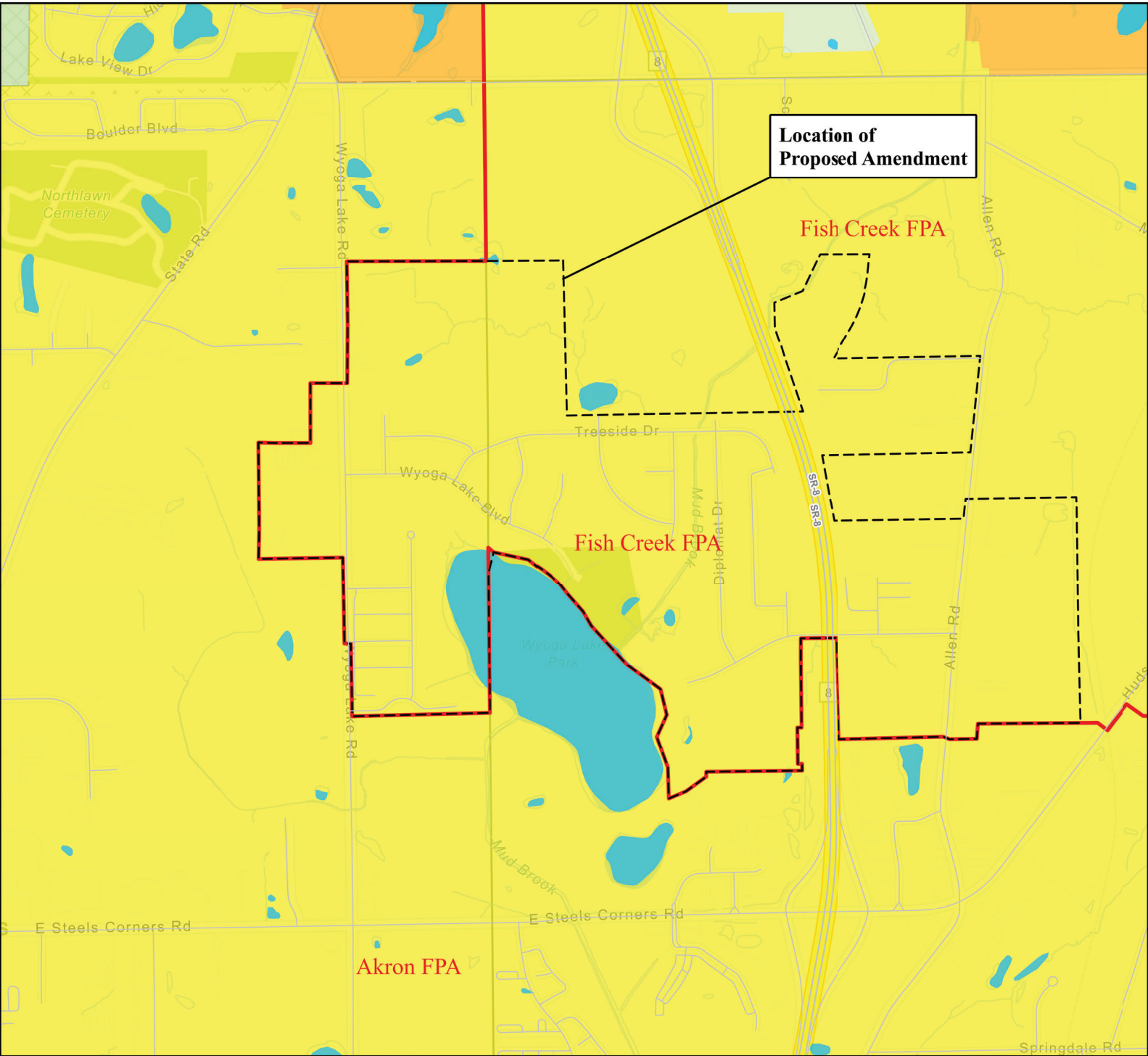


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|---|--|---|--|
|  | Areas Currently Served with Sanitary Sewers |  | Parks and Conservation Areas |
|  | Areas Expected to be Served with Sanitary Sewers within the Next 20 Years |  | Lakes/Ponds |
|  | Areas that will be Served by Household Sewage Treatment Systems and Semi-Public Sewage Disposal Systems |  | FPA Boundary |
|  | Areas that will be Served by a POTW or by Household Sewage Treatment Systems and Semi-Public Sewage Disposal Systems |  | Summit County Pump Station 19 Service Area |
|  | Areas without a Wastewater Treatment Planning Prescription |  | Political Subdivisions |
|  | Summit County Joint Economic Development District Contract Areas |  | Lake Erie Basin-Ohio River Basin Divide |
|  | Barberton-Norton Joint Economic Development District Contract Areas |  | Rivers/Streams |
|  | Bath Township Water and Sewer District |  | State Route |
| | |  | Interstate Highway |
| | |  | US Route |
| | |  | Other Roads |
| | |  | Publicly Owned Treatment Works |



0 0.25 Miles

Figure 3 - Proposed Wastewater Treatment Prescriptions and FPA Boundary Map





Publication Name:

Akron Beacon Journal

Publication URL:

Publication City and State:
Akron, OH

Publication County:
Summit

[Back](#)

Notice Publish Date:

Saturday, January 08, 2022

Notice Content

PUBLIC NOTICE AND REQUEST FOR COMMENTS PROPOSED AKRON FACILITIES PLANNING AREA BOUNDARY LINE CHANGE The **City of Akron** is proposing a 201/208 Facilities Planning Area (FPA) amendment to change the FPA boundary for the Summit County Pump Station No. 19 Relocation project in the City of Cuyahoga Falls and the City of Stow. This amendment is necessary in order to allow the Pump Station No. 19 service area to be served by the Fishcreek Water Reclamation Facility via the Seasons Road Pump Station. The service area is currently located within the Akron FPA. Under the proposed FPA amendment, the service area will be transferred to the Fish Creek FPA. The comment period will end at the close of business on January 24, 2022. Comments and requests for additional information may be directed to Genny Hanna, Akron Engineering Bureau, 166 S. High Street, Room 701, Akron, OH 44308, 330-375-2355, GHanna@akronohio.gov . JAN 8

[Back](#)

Appendix 3-31

Fish Creek
Facilities Planning Area

Approved by the NEFCO General Policy Board
11/18/2020

Fish Creek Facilities Planning Area

208 Clean Water Plan

- Areas Currently Served with Sanitary Sewer
- Areas Expected to be Served with Sanitary Sewers within the Next 20 Years
- Areas that will be Served by Home Sewage and Semi-Public Sewage Disposal Systems
- Areas that will be Served by a POTW or by Home Sewage and Semi-Public Sewage Disposal Systems
- Areas Without a Wastewater Treatment Planning Prescription
- Akron Joint Economic Development District Contract Areas
- Parks and Natural Areas
- Lakes and Ponds
- FPA Boundary
- Lake Erie Basin-Ohio River Basin Divide (NHD 2016)
- Stream
- Community Boundary
- County Boundary
- Numbered Route
- Other Road
- Publicly Owned Wastewater Treatment Works (POTW)

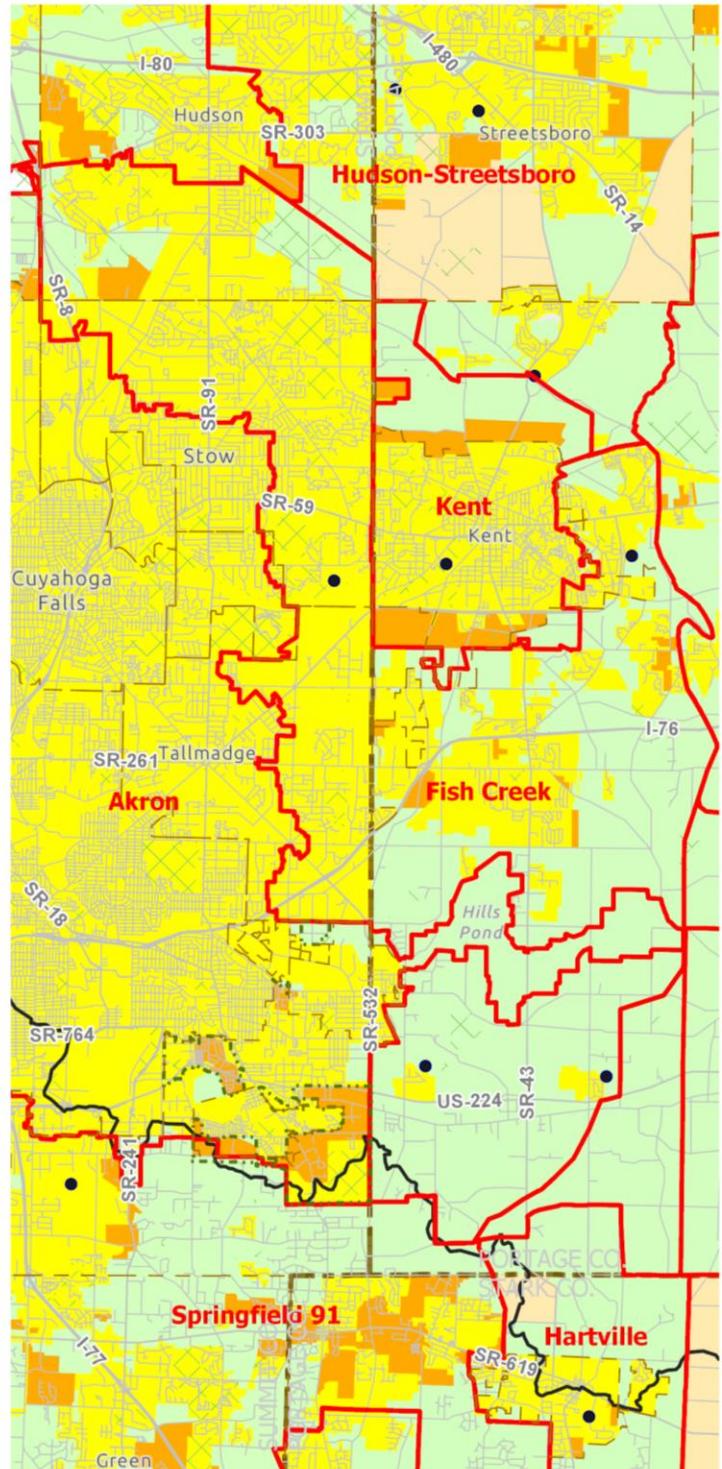
* Please see Clean Water Plan text for a complete explanation of the mapping categories.

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



0 2 4
Miles

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



Approved by the NEFCO General Policy Board
11/18/2020

Fish Creek Facilities Planning Area

I. Existing Situation

A. County/Basin:

Summit/Lake Erie

B. Facilities Planning Area:

Fish Creek

C. Management Agency (MA):

I. Primary MA

- a) Summit County Department of Sanitary Sewer Services

II. Secondary MAs

- a) Portage County Water Resources Department (Portage County Regional Sewer District)
- b) Summit County Metropolitan Sewer District SCMSD (Dept. of Sanitary Sewer Services)
- c) City of Hudson
- d) City of Tallmadge
- e) City of Cuyahoga Falls

D. Publicly-Owned Treatment Works:

- a) Fish Creek WWTP, 8.000 MGD
- b) Franklin Hills WWTP, 1.000 MGD
- c) Portage County Regional Sewer District - Fairlane Estates, 0.0520 MGD
- d) Portage County Regional Sewer District - Rivermoor Estates, 0.0430 MGD

E. Facilities Plan:

John David Jones & Associates, Inc., Fish Creek Facilities Plan, March 1975

F. Area Served:

City of Hudson (part), City of Stow (part), City of Munroe Falls (part), City of Tallmadge (part), Brimfield Township (part), Suffield Township (part), Rootstown Township (part), Franklin Township (part), City of Cuyahoga Falls (part)

G. Receiving Stream:

- a) Cuyahoga River
- b) Breakneck Creek

H. Contact Person/Address/Phone/Fax:

Summit County

Michael Vinay, Director

Summit County Department of Sanitary Sewer Services

1180 South Main Street, Suite 201

Akron OH 44301

Phone: (330) 926-2400

Fax: (330) 926-2471

Approved by the NEFCO General Policy Board

11/18/2020

Portage County

Portage County Water Resources Director/Sanitary Engineer
Portage County Water Resources Department
8116 Infirmary Road
Ravenna, Ohio 44266
Phone: (330) 297-3670
Fax: (330) 297-3680

I. Population Served:

The population projections (in thousands for governmental entities) used in the 201 Plan and those in the NEFCO 208 Clean Water Plan are compared below.

<u>Stow</u>	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
201	32.5	34.0	35.0	----	----	----	----	----
Approved 208	32.5	35.6	38.0	----	----	----	----	----
<u>Tallmadge</u>								
201	21.0	22.3	24.0	----	----	----	----	----
Approved 208	18.3	19.5	20.5	----	----	----	----	----
<u>Brimfield</u>								
201	13.5	14.6	15.8	----	----	----	----	----
Approved 208	9.5	11.2	12.4	----	----	----	----	----
<u>Franklin</u>								
201	11.0	13.1	15.3	----	----	----	----	----
Approved 208	7.9	8.9	9.8	----	----	----	----	----

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 Sanitary Sewer Services, May 1, 2000 and Portage County Water Resources (Portage County Regional Sewer District), June 30, 2000.

Summit County Department of Sanitary Sewer Services 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 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 and/or provide sanitary service to ensure that wastewater will be treated and discharged at an existing publicly-owned treatment works (POTW). Existing non-single-family private treatment systems which fail to operate properly will be required to connect to and/or provide sanitary service to ensure that wastewater will be treated at an existing POTW. Failing home sewage treatment systems (HSTSs) serving single-family homes shall be abandoned and the home connected to sanitary sewer service in accordance with Ohio Administrative Code (OAC) 3701-29-02(M) unless sewer service is not accessible, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29.

Approved by the NEFCO General Policy Board

11/18/2020

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

These areas are projected to receive sewers but are not yet sewered. Projected wastewater flow from these areas has been accounted for within the system. 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.

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

Stow - Stow is aggressively interested in assuring all parts of the City of Stow are served with sanitary sewers. 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 connect to 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 the soils are suitable to assure there will be no off-lot discharge of effluent and there is no conflict with OAC 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. Failing home sewage treatment systems (HSTSs) serving single-family homes shall be abandoned and the home connected to sanitary sewer service in accordance with Ohio Administrative Code (OAC) 3701-29-02(M) unless sewer service is not accessible, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29.

Hudson - These are rural areas with large undeveloped tracts of land and vacant lots subject to improvement. 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 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. 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. Exceptions may be (granted/requested) based on sewer availability, soil conditions, extent of failure, and cost of repair. Failing home sewage treatment systems (HSTSs) serving single-family homes shall be abandoned and the home connected to sanitary sewer service in accordance with Ohio Administrative Code (OAC) 3701-29-02(M) unless sewer service is not accessible, in which case the HSTS must be repaired or replaced to meet the standards found within OAC 3701-29.

Portage County Water Resources Department (Portage County Regional Sewer District)
Jurisdiction:

Areas Currently Served with Sanitary Sewers (yellow):

Brimfield, Suffield, Rootstown, and Franklin Township - These areas are currently served with sanitary sewers that have been constructed and are currently in operation. However, there may be undevelopable 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 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.

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

Brimfield, Suffield, Rootstown, and Franklin Township - 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.