

Appendix 3-31

Franklin - Green Facilities Planning Area

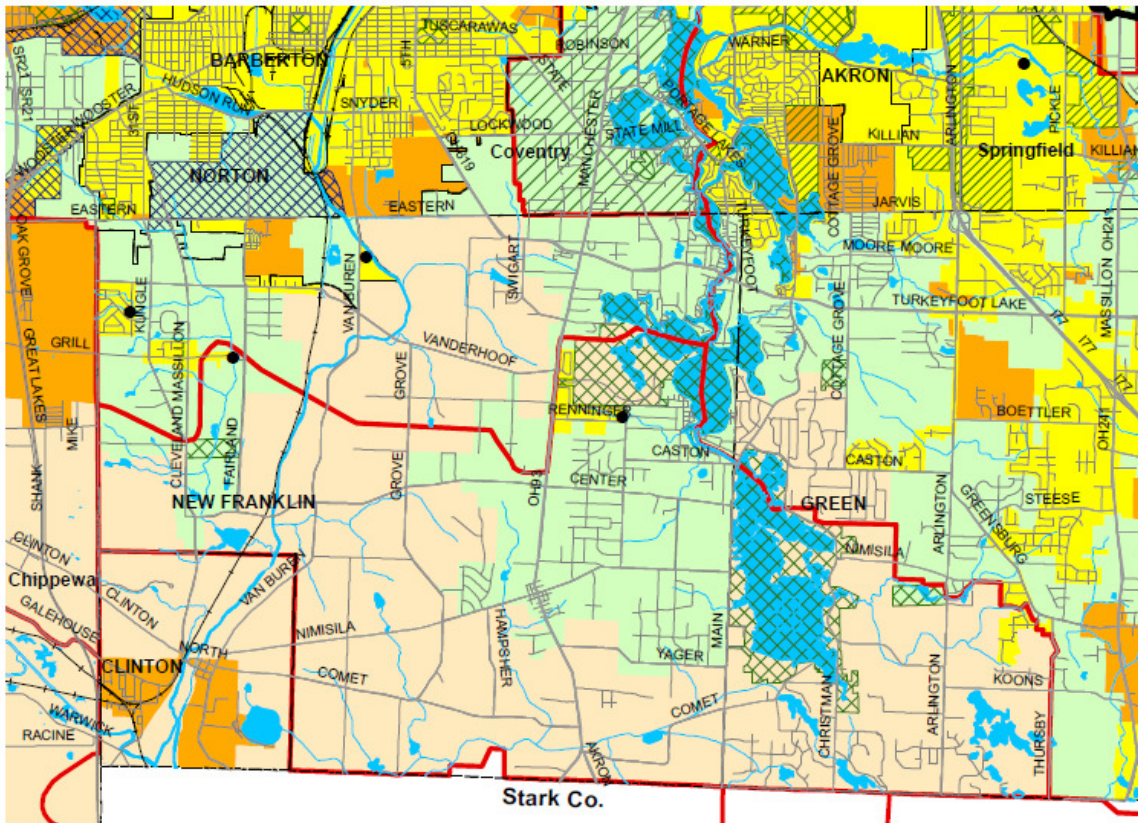
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Franklin-Green Facilities Planning Area

208 Clean Water Plan



- | | |
|--|---|
| <ul style="list-style-type: none"> 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 On-site Non-Discharging Systems Areas that will be served by POTW or by On-site Nondischarging Systems Areas without a Wastewater Treatment Planning Prescription Akron Joint Economic Development District Contract Areas Barberton-Norton Joint Economic Development District Parks and Natural Areas Lakes and Ponds | <ul style="list-style-type: none"> FPA Boundary Basin Divide Stream Community Boundary Highway 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 (figure 3-1a) for names of adjacent FPAs .



Northeast Ohio Four County Regional Planning and Development Organization, July 18, 2012.

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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

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.

Southwest Summit County Wastewater Study. November 1, 2010. Prepared by CTI Engineers, Inc. and Floyd Browne Group.

F. Area Served:

Summit County - City of New Franklin (part) and the City of Green (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. Barry Gano
Zoning Inspector
City of New Franklin
5611 Manchester Road
Akron, Ohio 44319
Phone: (330) 882-4611

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I. Population Served:

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

| | | | | | | |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Franklin-Green | <u>2000</u> | <u>2005</u> | <u>2010</u> | <u>2015</u> | <u>2020</u> | <u>2025</u> |
| 201 | 28,280 | ----- | ----- | ----- | ----- | ----- |
| Approved 208 | 27,400 | ----- | ----- | ----- | ----- | ----- |
| | | | | | | |
| *City of Green | <u>2000</u> | <u>2005</u> | <u>2010</u> | <u>2015</u> | <u>2020</u> | <u>2025</u> |
| | 22,817 | 21,830 | 21,930 | 23,260 | 23,920 | 25,027 |

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).

Summit County Department of Environmental Services Jurisdiction – City 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 HSTSs or semi-public/private treatment systems provided the local health department or OEPA finds a suitable

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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.

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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

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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 in this area and in no case shall a system providing an off-lot discharge of effluent be permitted for new construction.

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