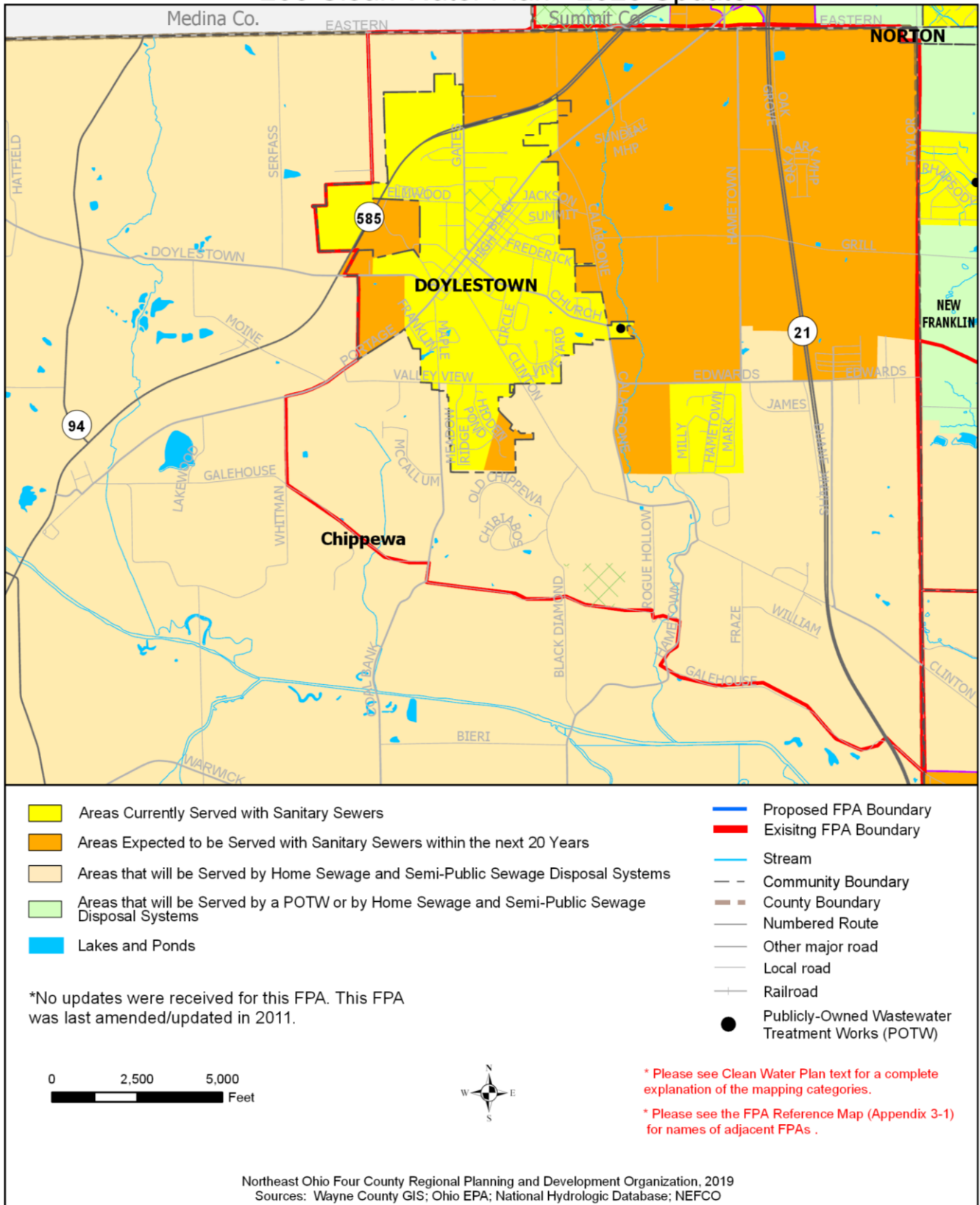


# **Appendix 3-40**

## **Doylestown Facilities Planning Area**

# Doylestown Facilities Planning Area

## 208 Clean Water Plan - 2020 Update\*



## **Doylestown Facilities Planning Area**

### **I. Existing Situation**

#### **A. County/Basin:**

Wayne/Ohio River Basin

#### **B. Facilities Planning Area:**

Doylestown

#### **C. Designated Management Agency (DMA):**

##### **I. Primary DMAs**

- 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:**

Hammontree and Associates, Ltd., Step I Facilities Plan Update, April 1983.

#### **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. Randy Danford  
Village of Doylestown  
Wastewater Treatment Plant Superintendent  
135 Calaboone Road  
Doylestown, OH 44230  
Phone: 330-690-3036  
Fax: 330-658-3998

Mr. Robert Kastner, P.E., Water Management Engineer  
Wayne Soil & Water Conservation District  
428 W. Liberty St.  
Wooster, OH 44691  
Phone: (330) 262-2836  
Fax (330) 262-7422

**I. Population Served:**

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

Doylestown	<u>2000</u>	2005	2010	2020	2025
201	9,400	---	---	---	---
Approved 208	8,142	8,611	---	---	---

**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 within the long-range plans for the Doylestown POTW system. All new wastewater generated by new developments, including residential, commercial, industrial, and institutional developments, will be required to connect to the 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,
- 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, and
- 4) 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 (HSTSS) and Semi-Public Sewage Disposal Systems (SPSDS) (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, when and if such connection is reasonably accessible. Developers are encouraged to extend existing sanitary sewer lines as necessary to service their developments.

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

**Areas Currently Served with Sanitary Sewers (yellow):**

These areas are identified in the Wayne County 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.

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.

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

These areas are identified in the Wayne County 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). Spray 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 county health department 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 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 existing system shall be abandoned.

**Areas expected to be served by private household sewage treatment 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 Wayne County 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. Spray 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. No new discharges.

**2. Existing (developed) Properties:**

- a. Existing HSTs and SPSDSs which fail to operate may be replaced and/or upgraded as necessary.
- b. A proposed expansion of an existing Multi-family, Commercial, and Industrial Development that will result in an increase in discharge loadings of the facility's NPDES Permit may be considered provided the receiving stream has adequate assimilative capacity, as determined by Ohio EPA.

If the receiving stream of the discharge does not have adequate assimilative capacity for the resulting increase in discharge loadings from the proposed expansion, utilization of alternative wastewater technologies resulting in a "no net gain" of discharge loadings may be considered, as determined by Ohio EPA.