

## **Appendix 3-54**

### **Wayne County Lincoln Way ~~WWTPs~~ Facilities Planning Area**

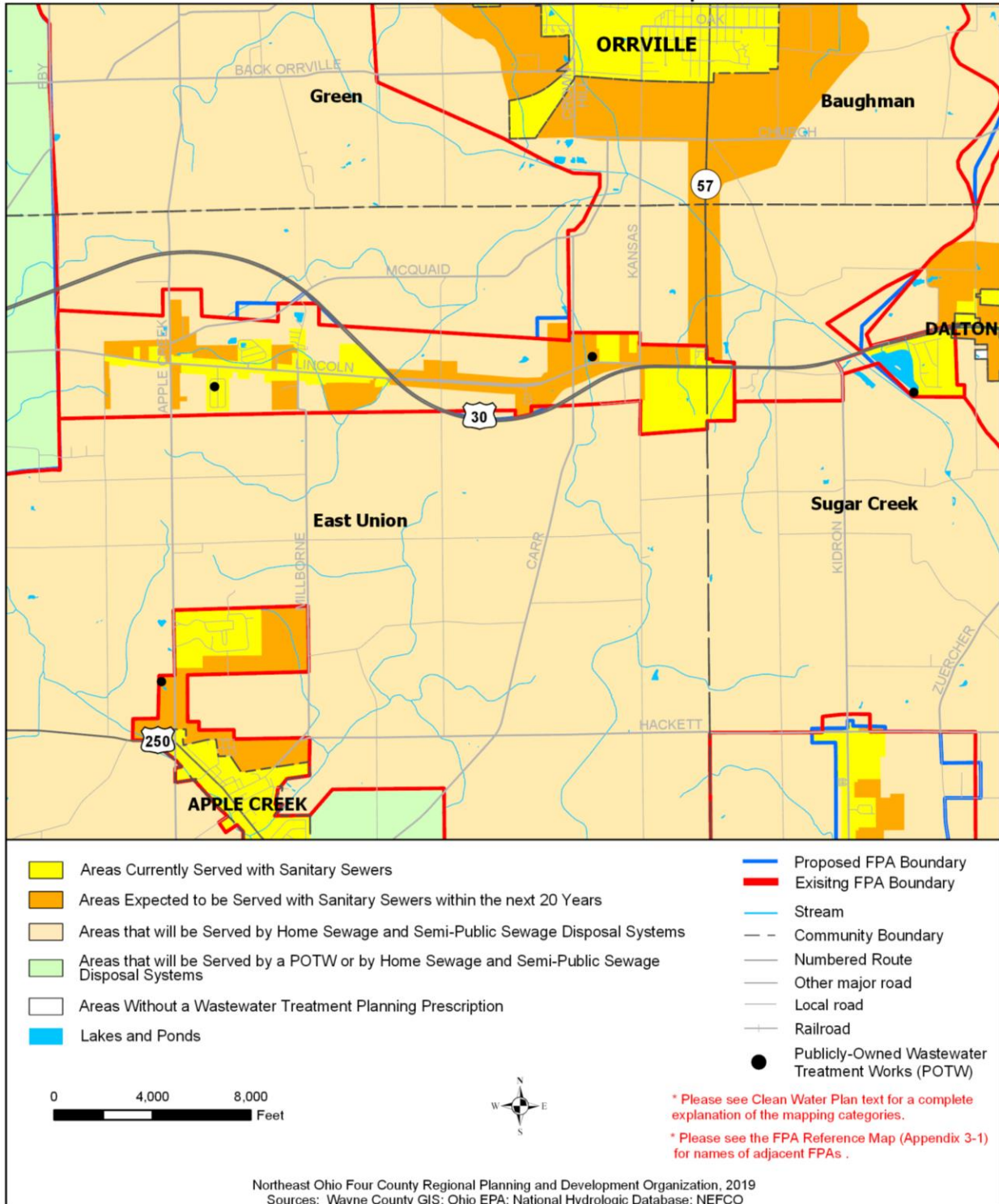
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12/21/2011**

**Approve by the Wayne County Planning Commission 1.16.18**

**3-54-1**

# Wayne Co. Lincoln Way Facilities Planning Area

## 208 Clean Water Plan - 2020 Update



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## **Wayne County Lincoln Way WWTPs Facilities Planning Area**

### **I. Existing Situation**

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

Wayne / Ohio River Basin

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

Wayne County Lincoln Way WWTPs (Waste Water Treatment Plants)

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

I. Primary DMA

a) Wayne County Office of Environmental Services

#### **D. Publicly-Owned Treatment Works:**

Wayne County – Eastwood WWTP, 0.160 MGD

Wayne County – Riceland WWTP, 0.025 MGD

Wayne County – Lake Harmony WWTP, 0.036 MGD

#### **E. Facilities Plan:**

Eastwood General Plan revised by Engineering Associates, Inc in 2003, amended in 2006.

Riceland General Plan prepared by Engineering Associates, Inc. in 2000.

Lake Harmony Facilities Plan prepared by Friedl and Harris in 1980.

#### **F. Area Served:**

*Wayne County* – East Union Township (part) and Sugar Creek Township (part)

#### **G. Receiving Stream:**

Eastwood WWTP – Little Sugar Creek

Riceland WWTP – **Little Sugar Creek** ~~No stream discharge, irrigation (Riceland Golf Course)~~

Lake Harmony **WWTP** – Sugar Creek (North Fork)

#### **H. Contact Person/Address/Phone/Fax:**

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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.

Lincoln Way	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
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. Prescriptions modified by the Wayne County 201 Committee in November/December 2017 and January 2018.

*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 these areas is that public water and sanitary sewer service shall be required and sewage treatment systems (STS) and/or semi-public systems should be prohibited. on lot wastewater systems should be prohibited These areas are currently served with sanitary sewers. Development within these areas shall be subject to the following:

**1. New Development:**

a. New development in this area shall will be required to connect and/or provide necessary sanitary sewer infrastructure to connect to the existing sanitary sewer lines system to ensure that wastewater will be treated at a County or Municipality-owned Wastewater Treatment Plant. The cost to connect and/or furnish and install the necessary sanitary sewer develop the infrastructure to connect to the existing sanitary sewer shall be borne by the developer 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 treatment systems shall be abandoned and required to connect to the existing sanitary sewer system 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. The cost to connect to the existing sanitary sewer shall be borne by the property owner.

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**3. Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**

- a. ~~b.~~ ~~Failing or illegal~~ sewage treatment systems shall be abandoned and will be required to connect to the existing sanitary sewer system when sanitary sewer becomes available and accessible as determined by the Ohio EPA and/or the Wayne County Board of Health. ~~fully observing all regulations of governing agencies.~~ The cost to connect and/or to provide the necessary ~~to the existing~~ 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 Future Expansion and Transitional Areas. The infrastructure policy in these ~~this~~ areas is that public water and sanitary sewer service is preferred where logical extensions are recommended by the appropriate utility facilities plan, however, private water and sewage treatment systems are expected (with County Health Department and Ohio EPA approvals). Centralized Spray Irrigation is prohibited as a wastewater treatment option in these areas. Development within these areas shall be subject to the following:

**1. New Development:**

- a. Major Subdivisions, as defined by the Wayne County Planning Subdivision Regulations, shall be ~~will~~ required to connect to the existing sanitary sewer system, fully observing all regulations of governing agencies. The cost to connect and/or furnish and install ~~to provide~~ the necessary sanitary sewer infrastructure to connect to the existing sanitary sewer ~~lines~~ shall be borne by the developer.
- b. Minor Subdivisions and metes and bounds lots for single-family and multi-family (three units or less) development, where existing sanitary sewer is not available and accessible, ~~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 Sewage Treatment Systems (STS's), ~~non-discharging Household Sewage Treatment Systems (HSTS)~~ in accordance with Ohio Administrative Code (OAC) 3701-29.
- c. Multi-Family (four units or more), 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 to the existing sanitary sewer 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~~ sewage treatment systems shall be abandoned and required to connect to the existing sanitary sewer system as sanitary sewer as it

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becomes available and accessible, as determined by the Ohio EPA and the Wayne County Board of Health. The cost to connect to the existing sanitary sewer shall be borne by the property owner.

**3. Existing (developed) Properties (not required to tie into the sanitary sewer when the system was initially constructed):**

- a. Failing or illegal sewage treatment 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/or the Wayne County Board of Health, at which time the existing system shall be abandoned and the property owner shall be required to connect to the existing sanitary sewer system. The cost to connect to the existing sanitary sewer shall be borne by the property owner.

**Areas expected to remain on 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 Areas. The infrastructure policy in the Conservation Areas is that ~~on-lot water and wastewater~~ private water and sewage treatment 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. Centralized Spray Irrigation is prohibited as a wastewater treatment option in ~~this~~ these areas. Development within ~~this~~ these areas 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 STS's per OAC 3701-29 and SPSDS's as approved by the Ohio EPA. The primary method of treatment of wastewater is an on-site system. ~~non-discharging HSTSs and non-discharging SPSDSs as the primary method for the treatment of wastewater. No new discharges.~~

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

- a. Existing HSTS's and SPSDS's which fail to operate or are illegal may be replaced and/or upgraded as necessary.
- b. A proposed expansion of an existing Multi-family (four units or more), 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 the 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 the Ohio EPA.

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