



# Water Services

Compiled by: Jeff Zweber, 1 Sept 25



## Three Types of Water Services (ORC Title 61)

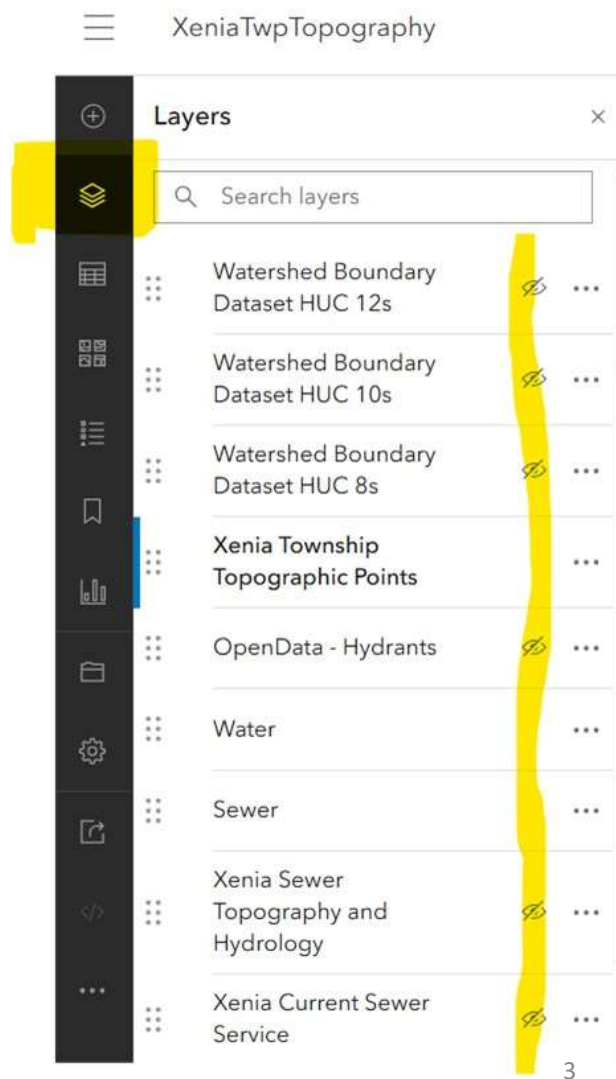
- “Water” or “Water System” without an adjective means water for human consumption (ORC 6109.01)
  - Public Water Systems (Central Water and any system with at least 25 regular users)
  - Private Water Systems (e.g., private wells)
- Waste Water (Sewer and Septic Systems)
- Watershed Management / Conservancy
  - Storm Water management
  - Rivers, Streams, Aquifers, Wetlands



# Notes about Maps

Many of the maps in this section are selected layers from a single [ArcGIS map](#)

Layers can be toggled on and off using the “eyeball” icon on the layers pane





# County or Municipal Water Treatment Plants and Wellfields in Greene County

- City of Xenia (Currently Serves part of Xenia Twp)
  - US-68 near OH-235
- Greene County Northwest (Currently Serves part of Xenia Twp)
  - Beaver Valley Rd (adjacent to Rotary Park)
- Village of Yellow Springs (Treatment Plant adjacent to Xenia Twp)
  - Jacoby Rd at the Little Miami River
- Fairborn (Service with 1.5 Miles of Xenia Twp)
  - Sandhill Rd adjacent to Sandhill Park
- Greene County Southwest
  - OH-725 southwest of Lower Bellbrook Rd
- Village of Spring Valley
  - OH-725 near Bellbrook Ave
- Village of Jamestown
  - OH-72 at the South Branch of Caesar Creek
- Bellbrook
  - W South St



# Water Systems in and around Xenia Twp

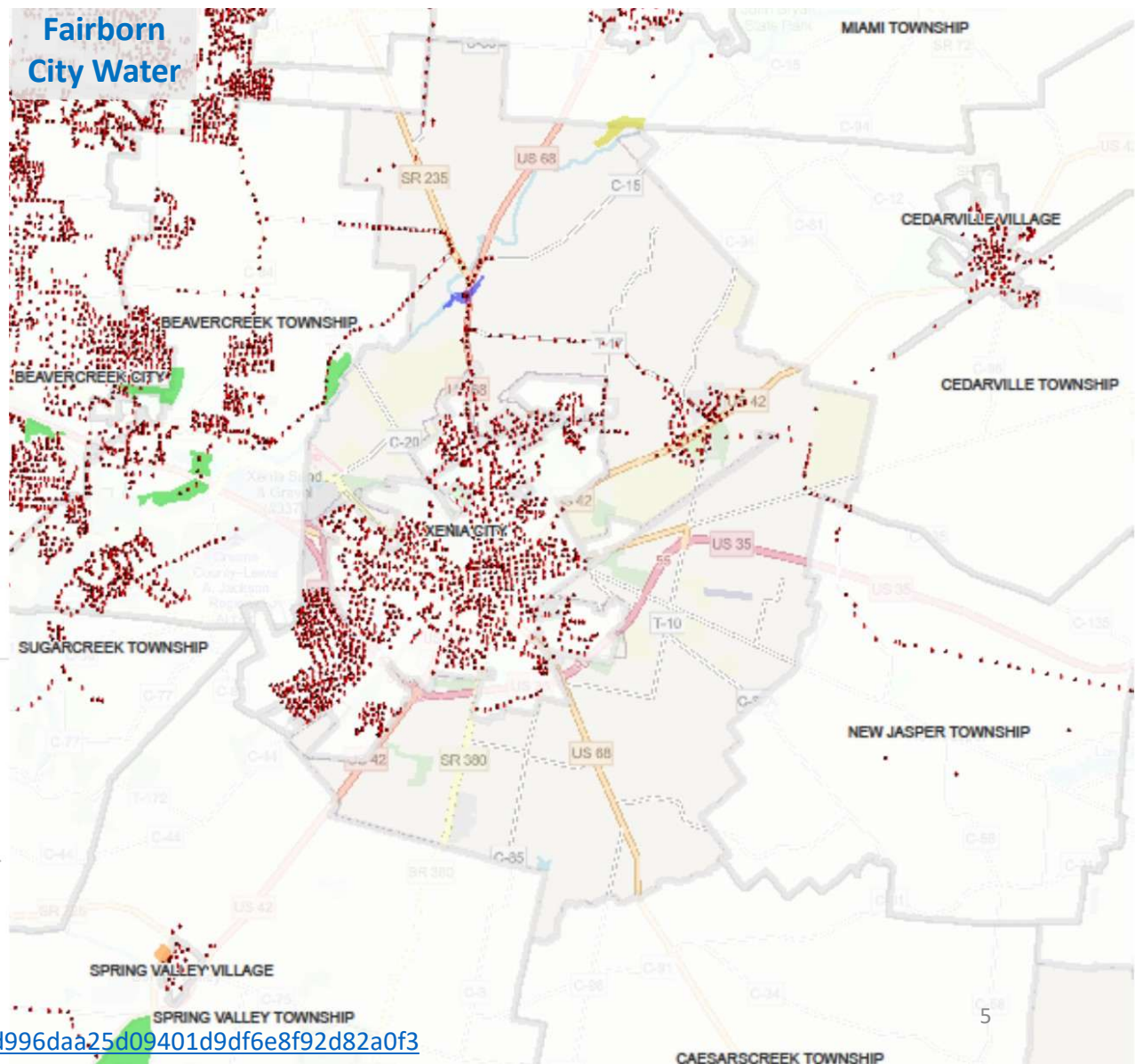
Water, Water Everywhere!!!  
(Just not controlled by Xenia  
Township)

\*Greene NW  
Water Plant  
Supplies Water  
to Shawnee  
Hills more than  
19 System Miles  
away

OpenData - Hydrants

Water

- Xenia City Water Treatment Plant and Wellfield
- Greene County Northwest Water Treatment Plant and Wellfields
- Greene County Southwest Regional Water Treatment Plant Wellfield
- Yellow Springs Water Treatment Plant and Wellfield
- Spring Valley Village Water Treatment Plant and Wellfield





## Watersheds ([USGS National Hydrography](https://www.usgs.gov/national-hydrography))

- *Watersheds* are defined as nested Hydrologic Units (HU) with HU Codes (HUC) [*Technically “Watershed” is the name for HUC Level 10*]
  - HUC is a number of 2, 4, 6, 8, 10, 12, 14, or 16 digits where each additional two digits further divides the HU into smaller areas.
  - HUC level 12 is complete for the entire United States
- All of Xenia Township (and most of Greene County) is in:
  - HUC 2-05: Ohio (River) Region
  - HUC 4-0509: Middle Ohio Subregion
  - HUC 6-050902: Middle Ohio-Little Miami Basin
  - HUC 8-05090202: Little Miami Subbasin

**Watershed Geography Informs Waste Water and Storm Water Infrastructure Planning**  
**– Pumps vs Gravity –**  
**(Water Supply Systems are Pressurized – They Move A Lot of Water “Uphill”)**

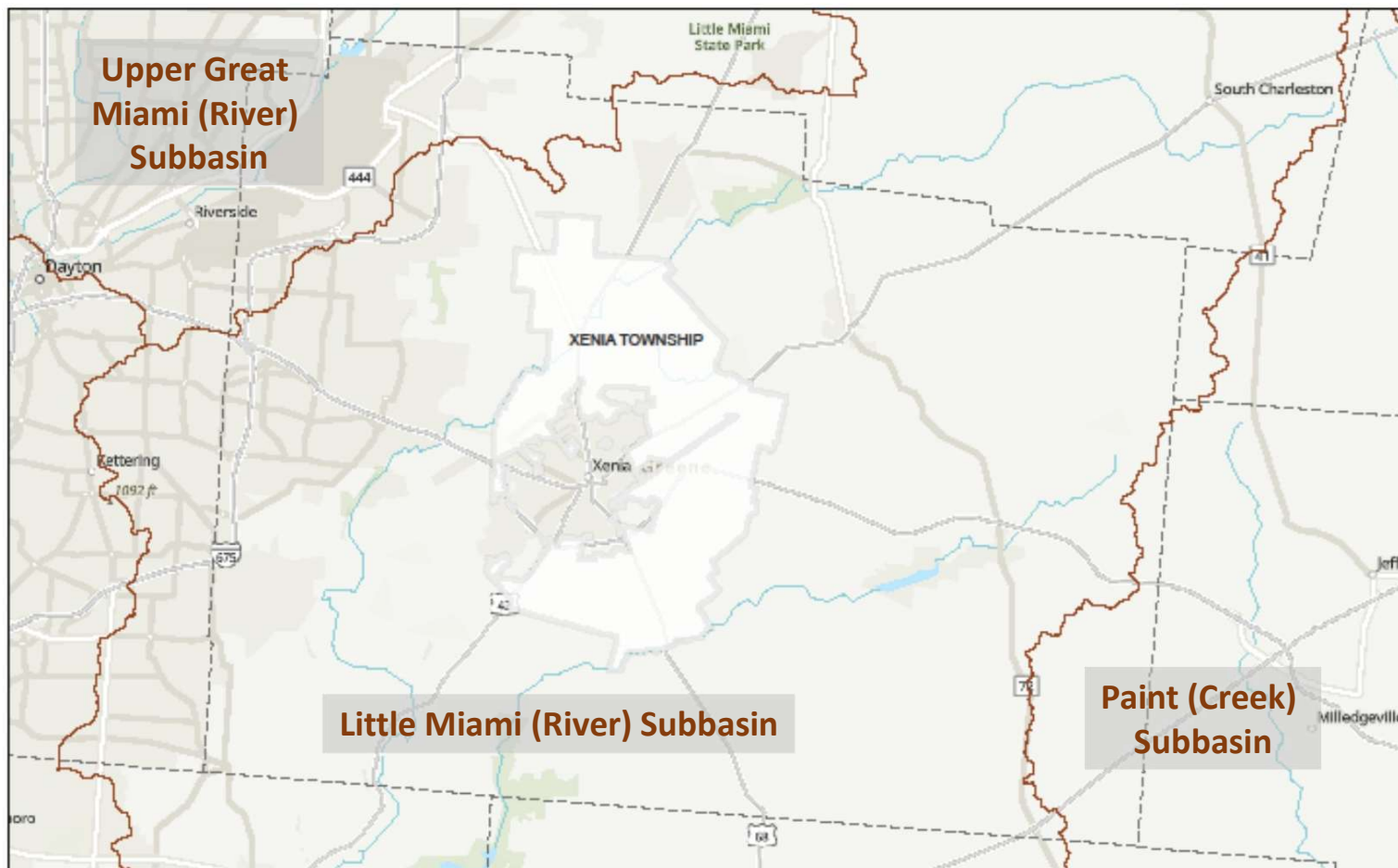


# County or Municipal Waste Water Treatment Plants in Greene County

- City of Xenia Ford Rd Plant (Currently Serves part of Xenia Twp)
  - Ford Rd Near Little Miami River
- Greene County Beaver Creek Plant (Hydrology covers part of Xenia Twp)
  - Factory Rd and Yellow Brick Rd
- City of Xenia Glady Run Plant (Hydrology covers part of Xenia Twp)
  - Lower Bellbrook Rd at Berkshire Dr
- Greene County Sugarcreek Plant (Hydrology covers part of Xenia Twp)
  - OH-725 west of Spring Valley
- Yellow Springs Plant
  - Grinnell Rd at Hyde Rd
- Greene County Cedarville Plant
  - W Cedar St adjacent to Indian Mound Reserve
- Jamestown Plant
  - Off OH-72 south of Verity St
- Fairborn Plant (Greene County Sanitary Engineering?)
  - OH-4 at Adams Rd (Partially in Montgomery County)
- Clifton Water Reclamation Plant
  - OH-27 south of Clifton Rd

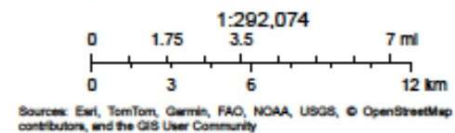


## Little Miami Subbasin and Xenia Twp



8/11/2025

 Watershed Boundary Dataset HUC 8s  
 OpenData - Corporations



<https://www.arcgis.com/apps/mapviewer/index.html?webmap=d996daa25d09401d9df6e8f92d82a0f3>





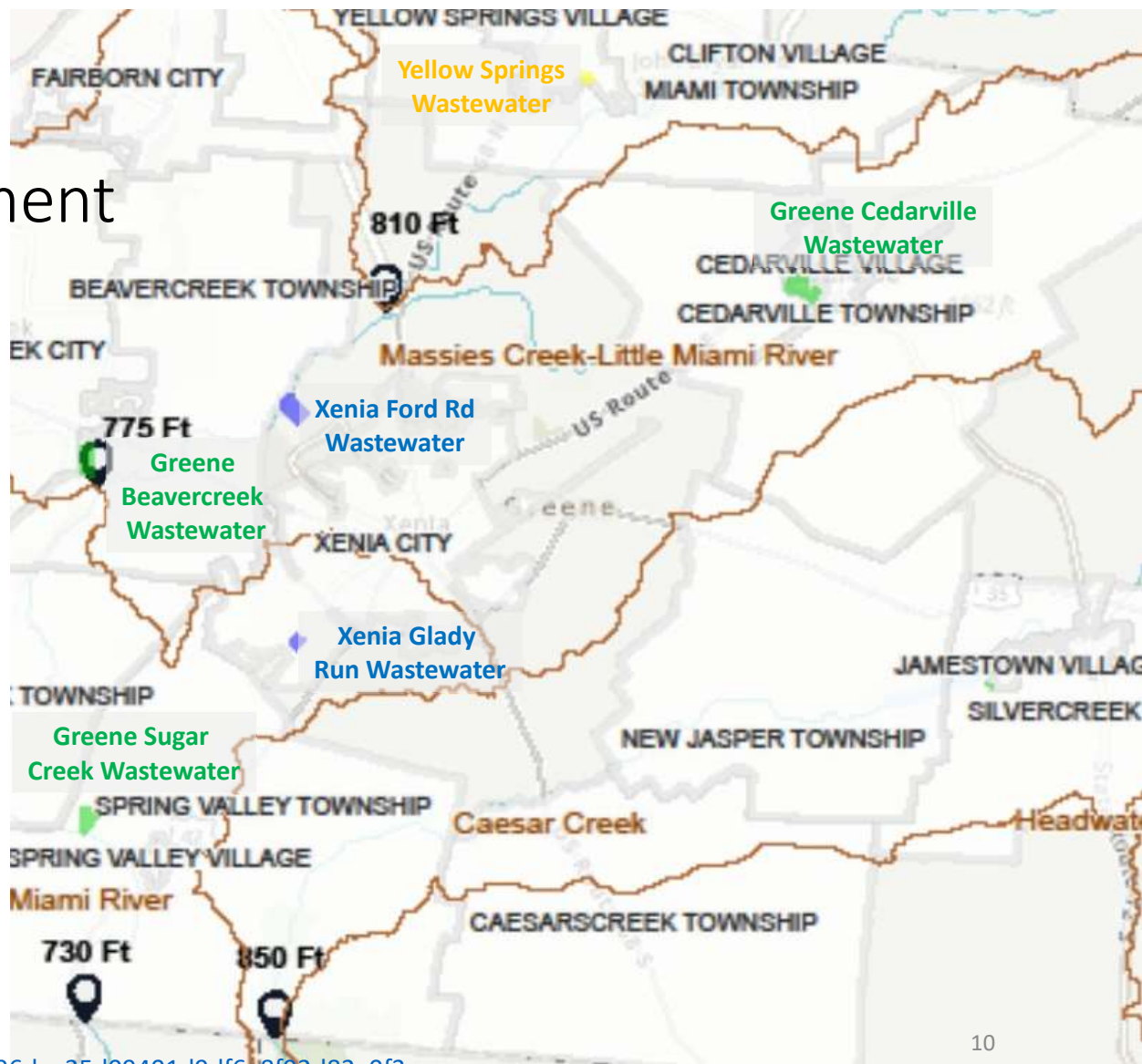
# Four Watersheds and Five Subwatersheds in Xenia Township

- Headwaters Little Miami River Watershed (HUC 10-0509020201)
  - Yellow Springs Creek-Little Miami River Subwatershed (HUC 12-050902020104)
- Massies Creek-Little Miami River Watershed (HUC 10-0509020202)
  - Massies Creek Subwatershed (HUC 12-050902020203)
  - Shawnee Creek-Little Miami River Subwatershed (HUC 12-050902020206)
- Sugar Creek-Little Miami River Watershed (HUC 10-0509020205)
  - Glady Run Subwatershed (HUC 12-050902020503)
- Caesar Creek Watershed (HUC 10-0509020204)
  - Middle Caesar Creek Subwatershed (HUC 12-050902020404)



## Watersheds / Wastewater Treatment for Xenia Township

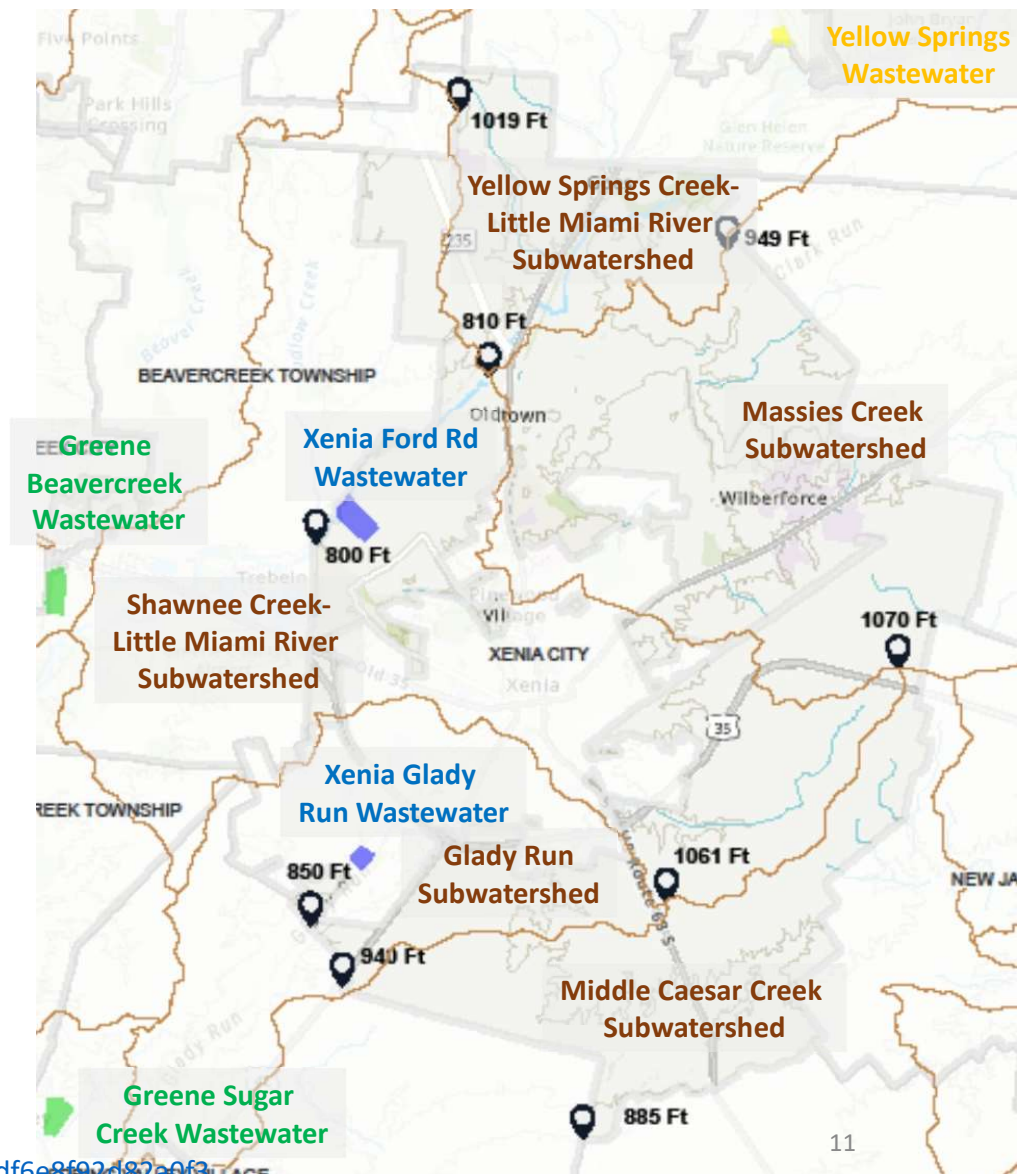
- Good Hydrologic Capacity from Existing Wastewater Treatment Plants for 3 of 4 Watersheds in Xenia Twp
- No Hydrologic Capacity in Existing Plants for the Caesar Creek Watershed
  - US-68 South of Bell Rd





# Subwatersheds in Xenia Township

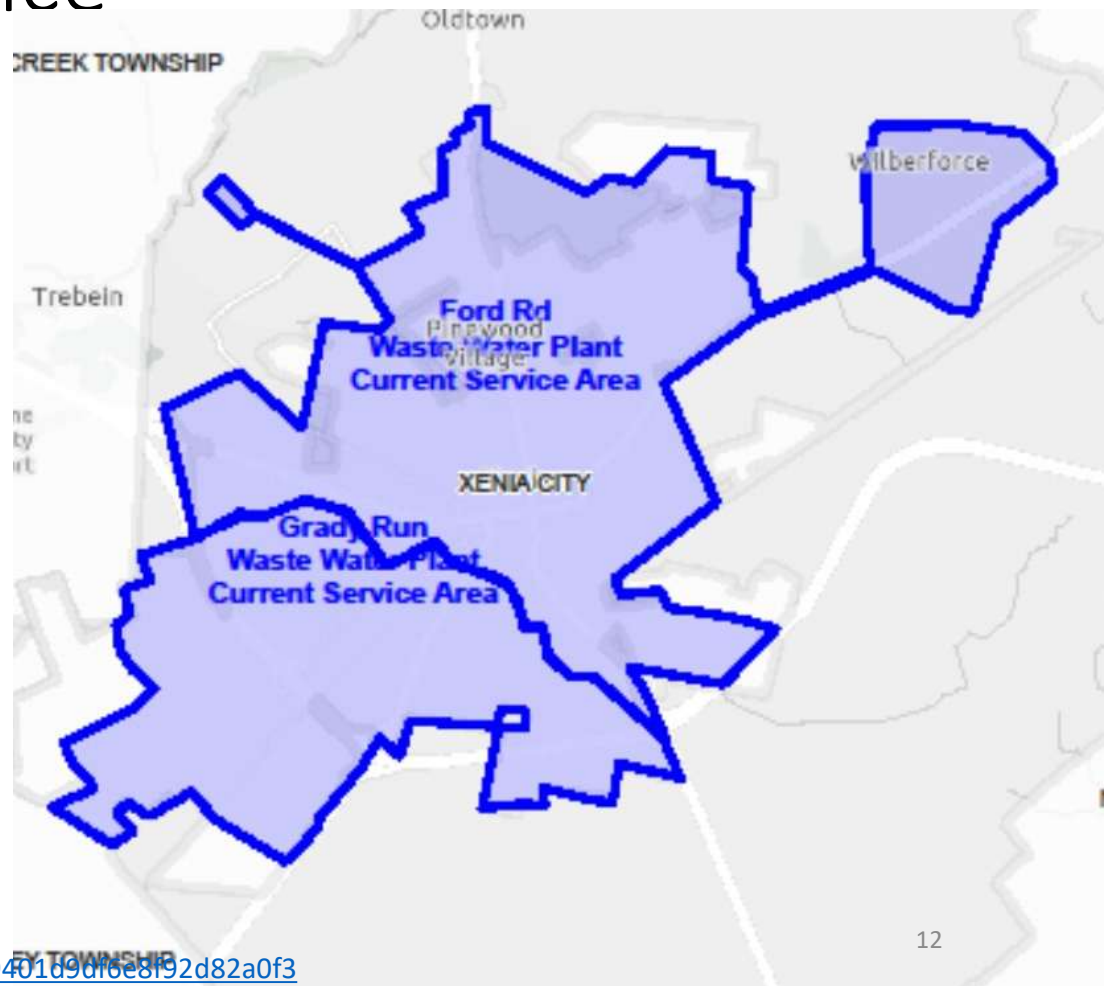
- Hydrologic Area of Both Xenia Ford Rd and Greene County Beaver Creek Plants
  - Yellow Springs Creek-Little Miami River
  - Massies Creek
  - Shawnee Creek-Little Miami River
- Hydrologic Area of Both Xenia Glady Run and Greene County Sugar Creek Plants
  - Glady Run
- Middle Caesar Creek is not in the Hydrologic Area of any current plant





# Current Sewer Service

- Xenia Ford Rd Plant serves parts of Xenia Twp
  - Residential areas adjacent to Xenia City
  - Wilberforce neighborhood



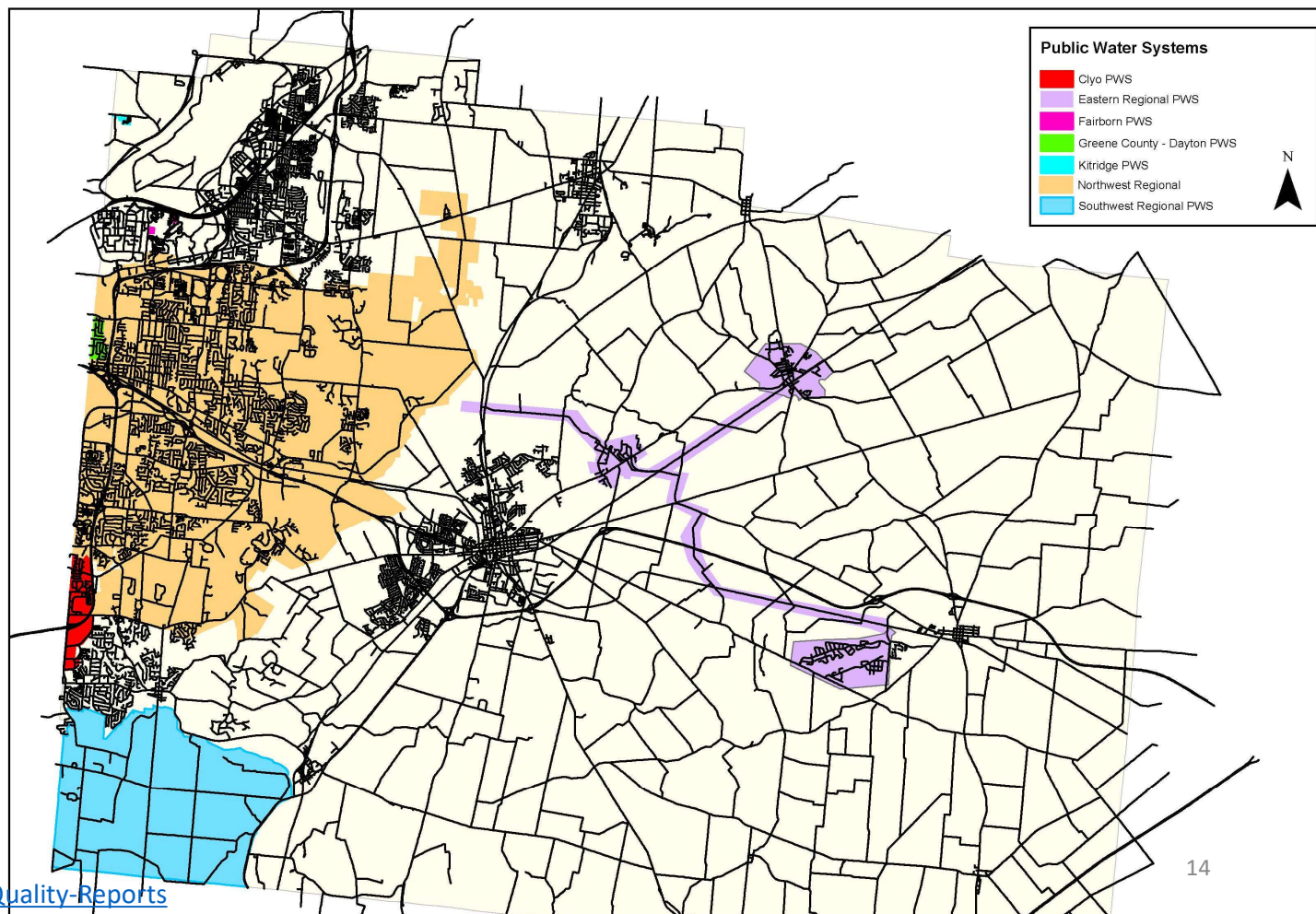


# Backup Materials





# Greene County Operated Public Water Systems

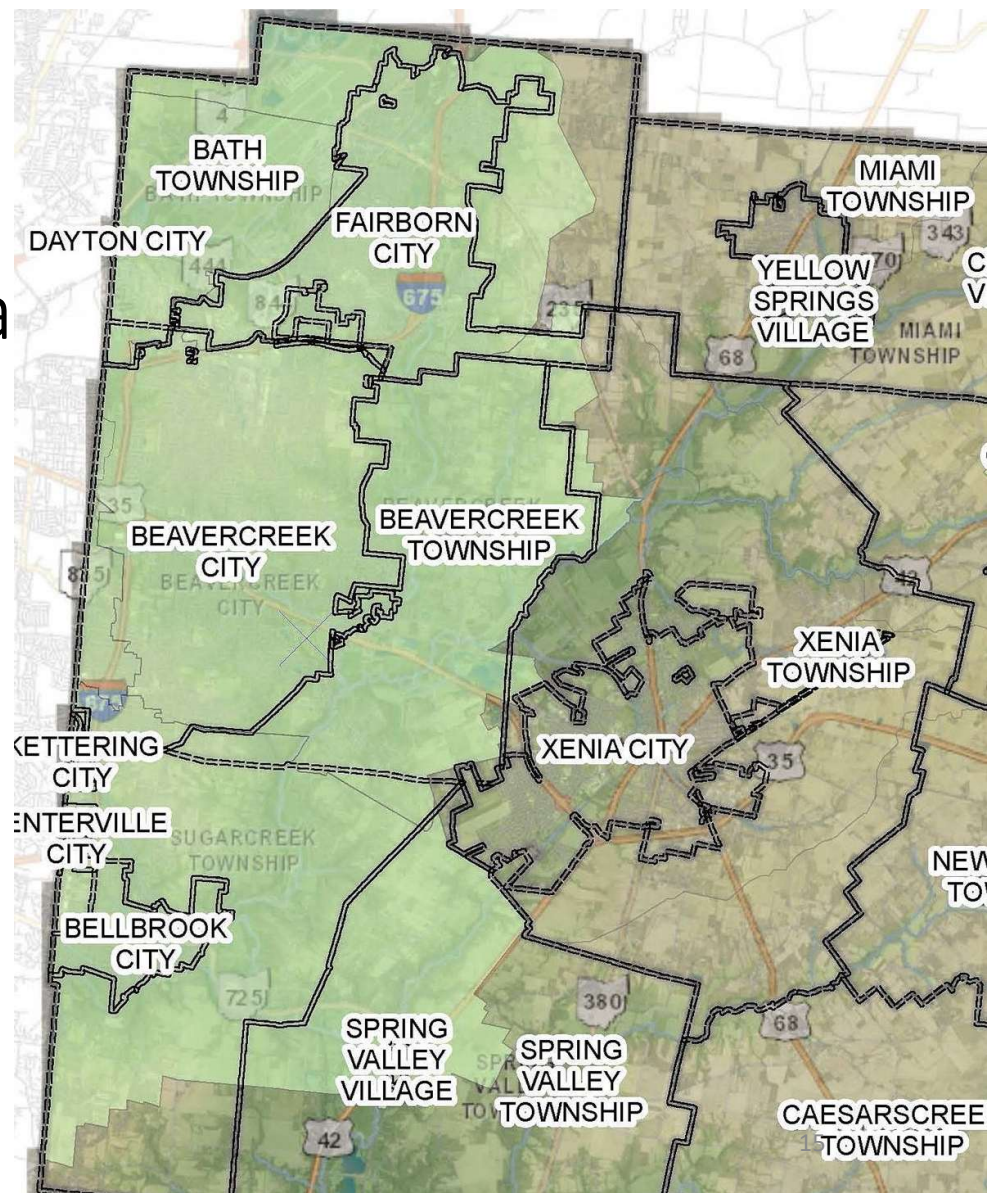




# Greene County Sanitary Engineering – Wastewater Service Area

Service Area Appears to be based on both Hydrologic Boundaries and Political Boundaries

- Includes Shawnee Creek-Little Miami Subwatershed in Beavercreek Twp
  - Excludes portion in Xenia Twp South of Little Miami River
- Includes Glady Run Subwatershed in Spring Vally Twp
  - Excludes portion in Xenia Twp

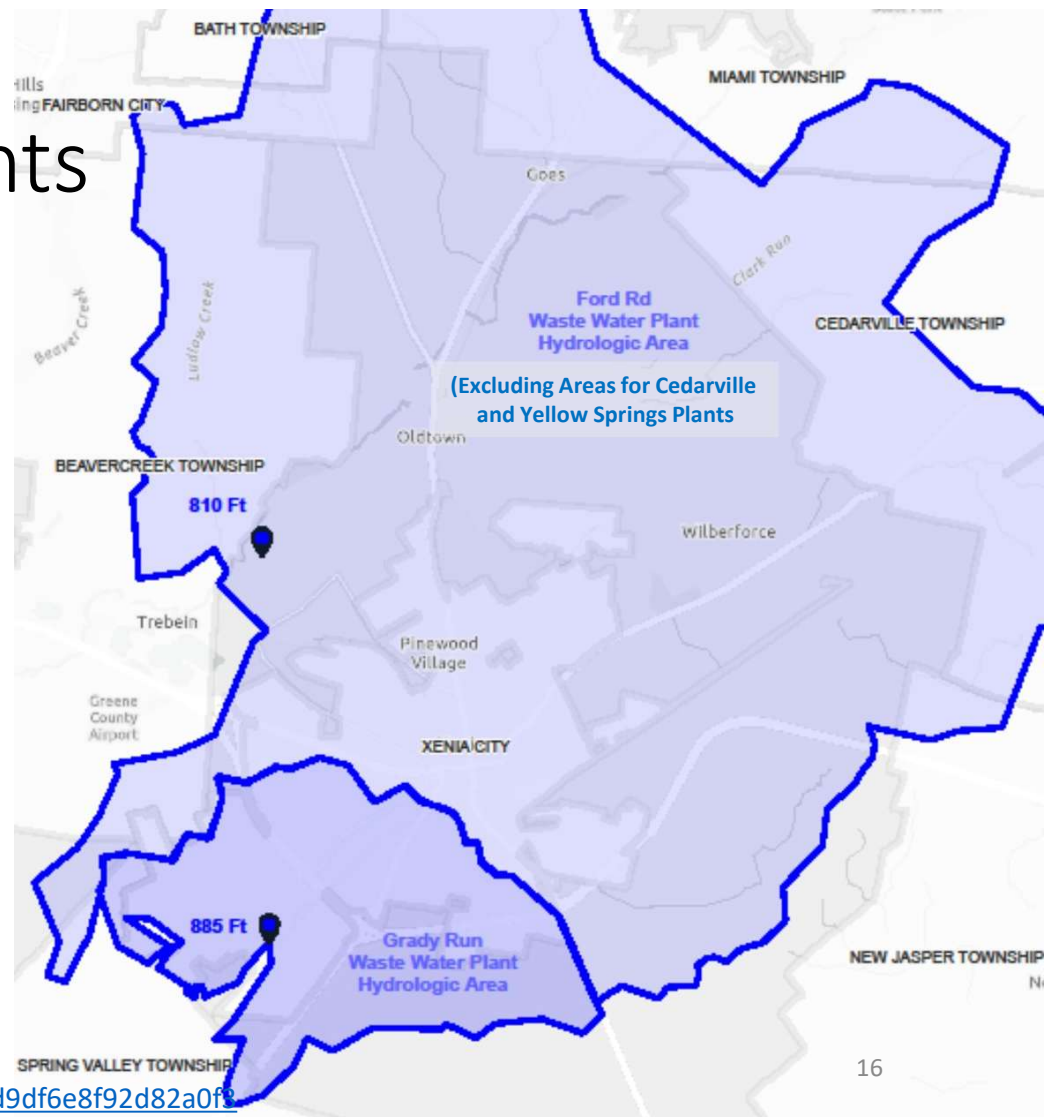






# Hydrologic Areas of Xenia City Sewer Plants

- Xenia Ford Rd Plant serves parts of Xenia Twp
  - Residential areas adjacent to Xenia City
  - Wilberforce neighborhood





# Hydrologic Areas of Beavercreek and Sugar Creek Sewer Plants

