



**Environmental  
Protection  
Agency**

## **Fact Sheet: Quality Assurance Project Plan for the Biological and Water Quality Study of the Upper Scioto River and Olentangy River Watersheds**

Ohio EPA's Division of Surface Water is conducting a biological and water quality study in the Upper Scioto River and Olentangy River watersheds. The study area includes Crawford, Delaware, Franklin, Hardin, Logan, Marion, Morrow, and Union counties. This survey covers 47 watersheds, each with an average drainage area of 10-30 square miles.

### **Project Details**

Ohio EPA prepared a study plan, or quality assurance project plan (QAPP), for this survey based on the study objectives, summarized below. A map of the proposed sampling site locations is included in Figure 1.

This plan is the first step in the total maximum daily load (TMDL) development process. TMDLs are developed as a tool to help restore and protect waterbodies where we have found threats to aquatic life, recreation, public drinking water, or human health. TMDLs serve as roadmaps for measures that can be taken to improve water quality. Ohio EPA will report the survey results in the biological and water quality report, which will be available for review and comment on our website.

Ohio EPA field crews will be collecting chemistry, fish, macroinvertebrate (bug), and sediment samples in your area this summer. If you see the crews, feel free to ask them about their work! They would love to tell you what lives in your stream and how that informs Ohio's water quality.

### **Previous Studies**

The Upper Scioto River watershed was last assessed in 2009.

The Olentangy River watershed was last assessed in 2003 and 2004 with a TMDL approved by U.S. EPA in 2007.

### **Learn More**

For more information, including previous sampling results and current TMDLs, please visit [epa.ohio.gov/divisions-and-offices/surface-water/reports-data/total-maximum-daily-load-tmdl-program](https://epa.ohio.gov/divisions-and-offices/surface-water/reports-data/total-maximum-daily-load-tmdl-program).



### **Stay Involved**

Subscribe to updates about Ohio's TMDL projects:



### **Study Objectives**

- Inform biennial reporting on water quality and impaired waters list.
- Assess causes and sources of impairment.
- Support water quality standards development.
- Provide data for the Ohio fish tissue consumption monitoring program.
- Support the national permit discharge elimination system (NPDES) permitting.
- Total maximum daily load (TMDL) development and implementation.
- Determine and evaluate water quality trends at watershed, stream, and site level scales.

# Upper Scioto/Olentangy/Mill/Bokes Watershed Sampling Locations, 2024

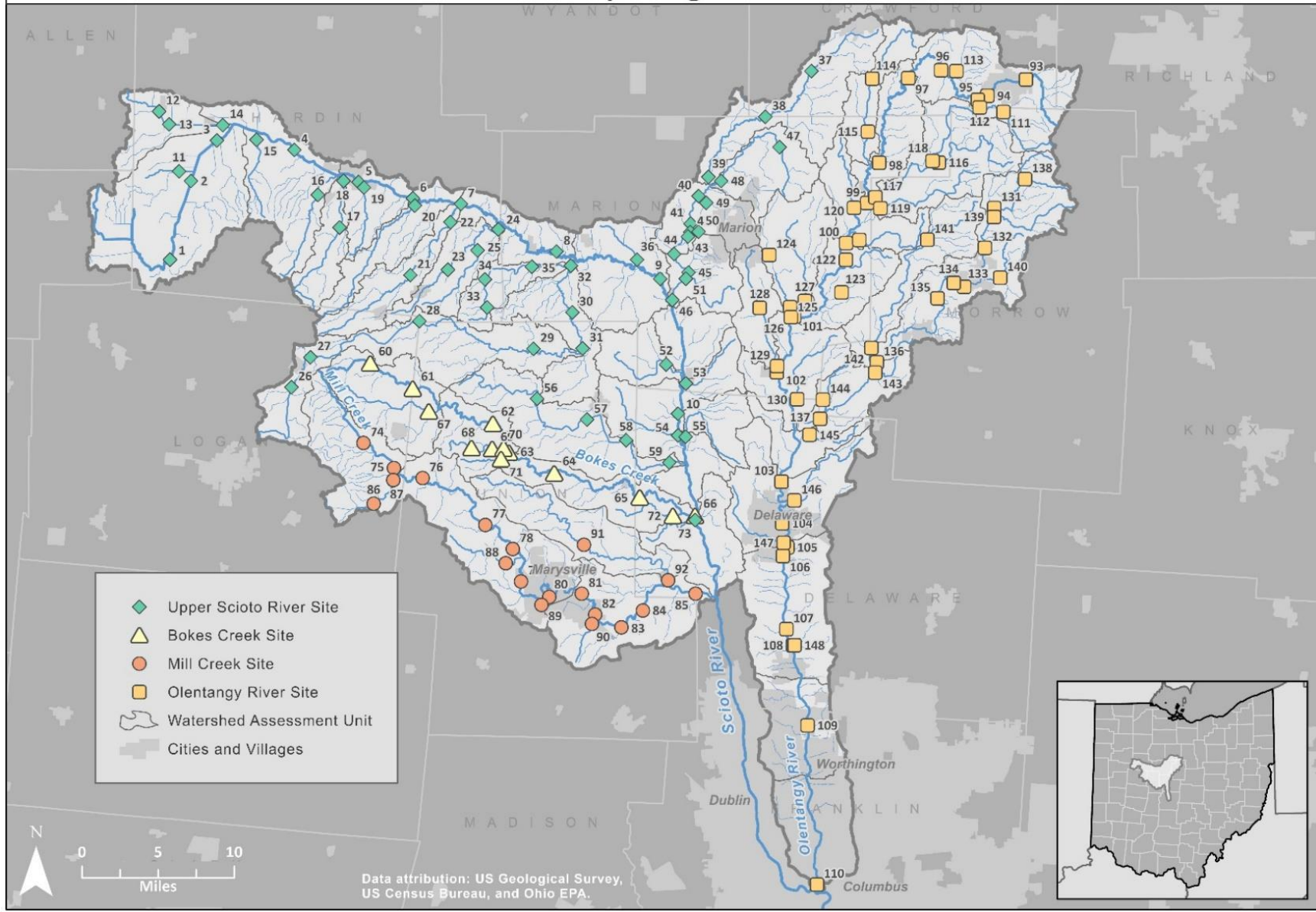


Figure 1 – Proposed sampling locations in the Upper Scioto River and Olentangy River watersheds, 2024.