



## UPPER MAUMEE SMART WATERSHED PILOT

# Collecting & Sharing Real-time Data for Source Water Protection

## smart water VIRTUAL WORKSHOP

**April 20, 2022** | 9:00 am - Noon

Register in advance: [https://us02web.zoom.us/join/register/tZwtcO2rpjguGtdl23jCFVrsnGwP9JQm\\_Fbe](https://us02web.zoom.us/join/register/tZwtcO2rpjguGtdl23jCFVrsnGwP9JQm_Fbe)

### Welcome/Introductions by Mayor McCann

#### Overview of Defiance Smart Water Phase I

Jen English, City of Defiance

#### Overview of Seagull Platform & Mini-Grant

Shelby Brunner, Great Lakes Observing System

#### Overview of Data Collection and Dashboard

Ed Verhamme, LimnoTech

#### Panel Discussion on Nutrients/Source Water:

Adam McDowell, City of Defiance WTP

Bruce Cleland, Tetra Tech

Brigitte Money maker, OSU Extension

MODERATOR: Joe Ewers, City of Defiance WTP

#### Panel Discussion on Research/Monitoring:

Kimberly Shaffer, USGS - Invited

Laura Johnson, Heidelberg

Ed Verhamme, LimnoTech

MODERATOR: Kevin Connor, City of Defiance WWTP

#### Developing A Shared Vision For Phase II

#### Wrap-Up/Summary/Next Steps

Jeff Leonard, City of Defiance Administrator



PROJECT FUNDING PROVIDED BY



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great lakes  
observing system



This project will install real-time sensors to monitor nutrient levels in the Upper Maumee River at the City of Defiance Water Treatment Plant (WTP), enabling staff to make critical data-driven decisions on when to pump from the Maumee into the Defiance water supply reservoir. In addition, this information will fill important data gaps needed to support the City's current Source Water Protection Plan (SWPP) and future work to develop its Integrated Watershed Improvement Plan (IWIP) – complementary efforts that are both designed to benefit water quality in the Maumee watershed and Western Lake Erie Basin (WLEB).

This project will also provide information needed to help create stakeholder-driven conservation efforts through agricultural and urban-rural partnerships; not only in the Upper Maumee Watershed, but in other parts of the Great Lakes Region. The work in Defiance will serve as a replicable, scalable pilot project for a Smart Watershed approach in the Great Lakes tributaries through civic engagement, ongoing implementation of best management practices and data communication with GLOS.

Finally, this project will support the goals of the “Smart Great Lakes Initiative” by strengthening partnerships with other regional stakeholders working to address basin-wide water quality problems in the Great Lakes.

### More information:

<https://landtolake.com/upper-maumee-smart-watershed-pilot/>

### For questions, contact:

Jennifer English  
419-783-4355  
[jenglish@cityofdefiance.com](mailto:jenglish@cityofdefiance.com)