



WATER QUALITY Harmful Algal Blooms (HABs)

- The Great Lakes hold 20% of the world’s fresh water and provide drinking water for more than 48 million
- Excess nutrients can cause HABs to threaten Great Lakes and surface waters globally
- The Maumee River is the primary source of nutrients causing HABs in the Western Lake Erie Basin (WLEB)
- Agricultural production dominates the watershed
- Lake Erie is the shallowest, most biologically diverse of all the Great Lakes



GREAT LAKES Source Water Protection

- The Great Lakes Region (8 States and 2 Provinces) is equal to the 3rd largest economy in the world*
- Land use planning is critical to protection of healthy watersheds
- Development of replicable and scalable pilot projects
- Demonstration of future-friendly farming with global applications
- “COLLABORATION: From Partnership Flows Prosperity and Sustainability”



MAUMEE RIVER Watershed Planning

- The Maumee River Watershed is the largest in the Great Lakes Region
- Strategically located in the basin, 85% of Maumee River nutrient loading passes through Defiance, Ohio
- The Upper Maumee River is the sole source of drinking water for Defiance
- The City is continually working to improve the quality of our drinking water
- Defiance is taking an active leadership role in watershed planning and other regional collaborative efforts



SMART SOLUTIONS For Water Quality

- Collaborative planning and decision-making for a regional knowledge and action network
- Sustainable development efforts for the Great Lakes Region
- Smart Solutions REQUIRE RESOURCES: Need for newest technology to monitor and respond to this problem

PLEASE JOIN US! connect@landtolake.com

SDGs—The Sustainable Development Goals are a collection of 17 global goals set by the United Nations General Assembly in 2015 for the year 2030. The SDGs are part of Resolution 70/1 of the United Nations General Assembly, the 2030 Agenda.



*Based on GDP 2015, if the Great Lakes Region were its own country, it would have a GDP of US\$6 trillion – making it the third largest economy in the world. councilgreatlakesregion.org