

RESILIENT COUNTIES
ADVISORY BOARD:

***IMPROVING YOUR COUNTY'S
DRINKING WATER QUALITY***

Saturday, July 22, 12:00 p.m. – 1:30 p.m.

TODAY'S PANELISTS



THE HON. JAMES GORE

Supervisor, Sonoma County, Calif.



THE HON. DEREK YOUNG

Council Member, Pierce County, Wash.



THE HON. MARTHA SCHRADER

Commissioner, Clackamas County, Ore.



THE HON. CAROL CONTRADA

Commissioner, Lucas County, Ohio



Improving Drinking Water Quality

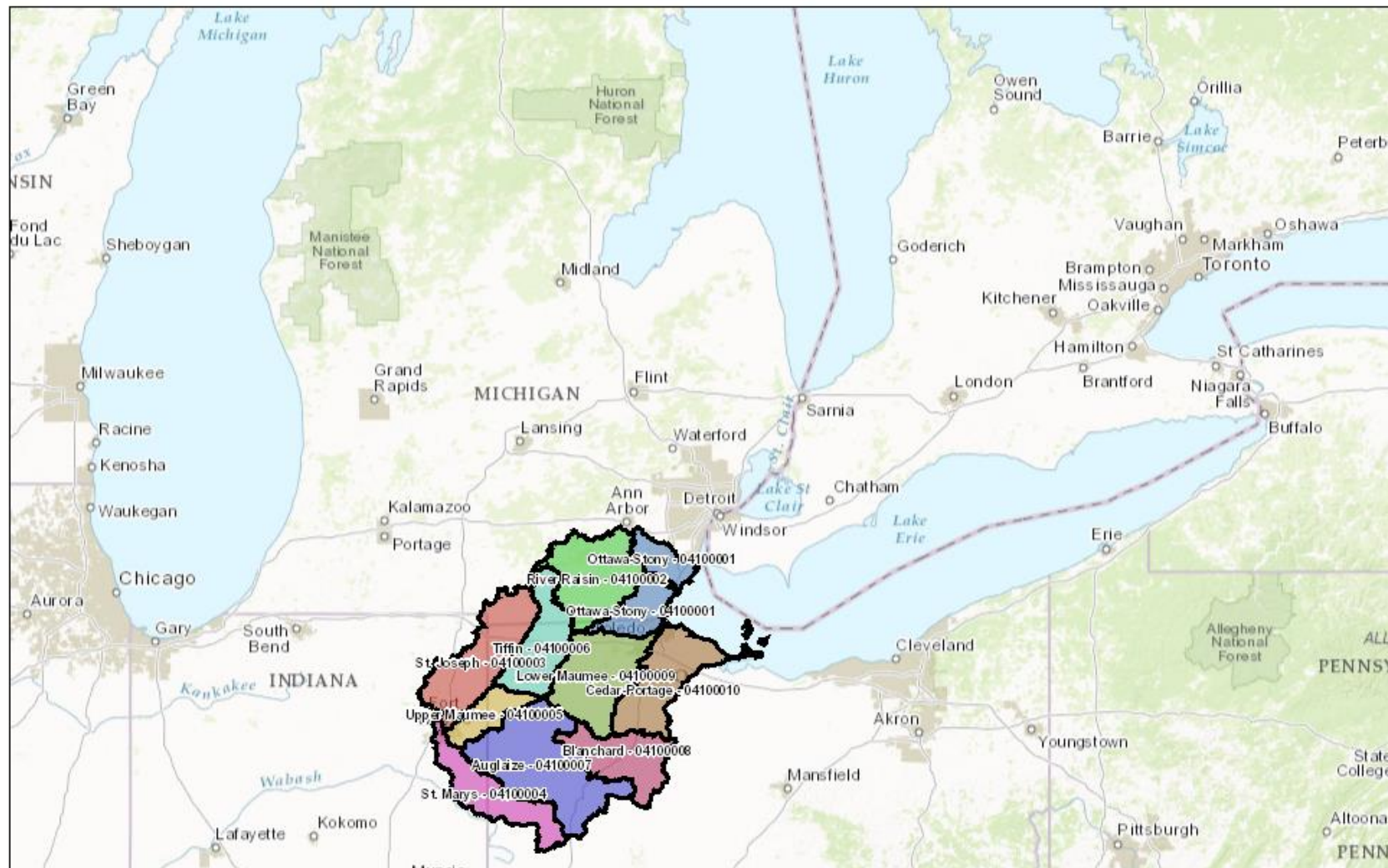
A LAKE ERIE PERSPECTIVE



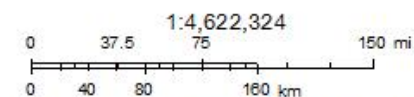
Carol Contrada, Commissioner, Lucas County, Ohio



Western Lake Erie Basin: Great Lakes



July 17, 2017



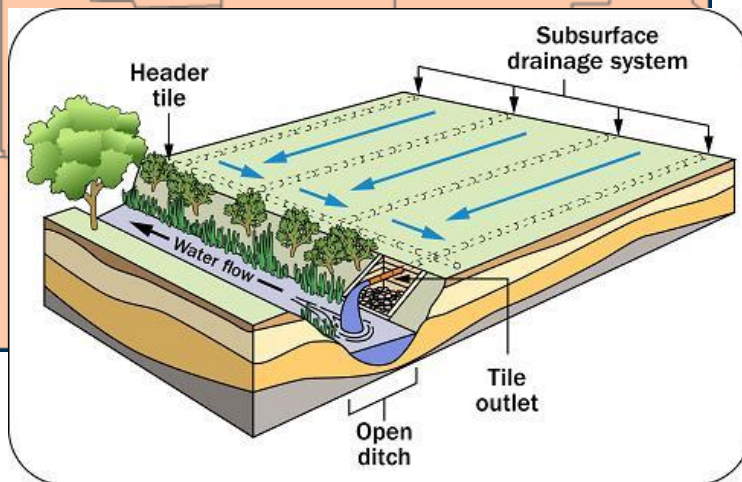
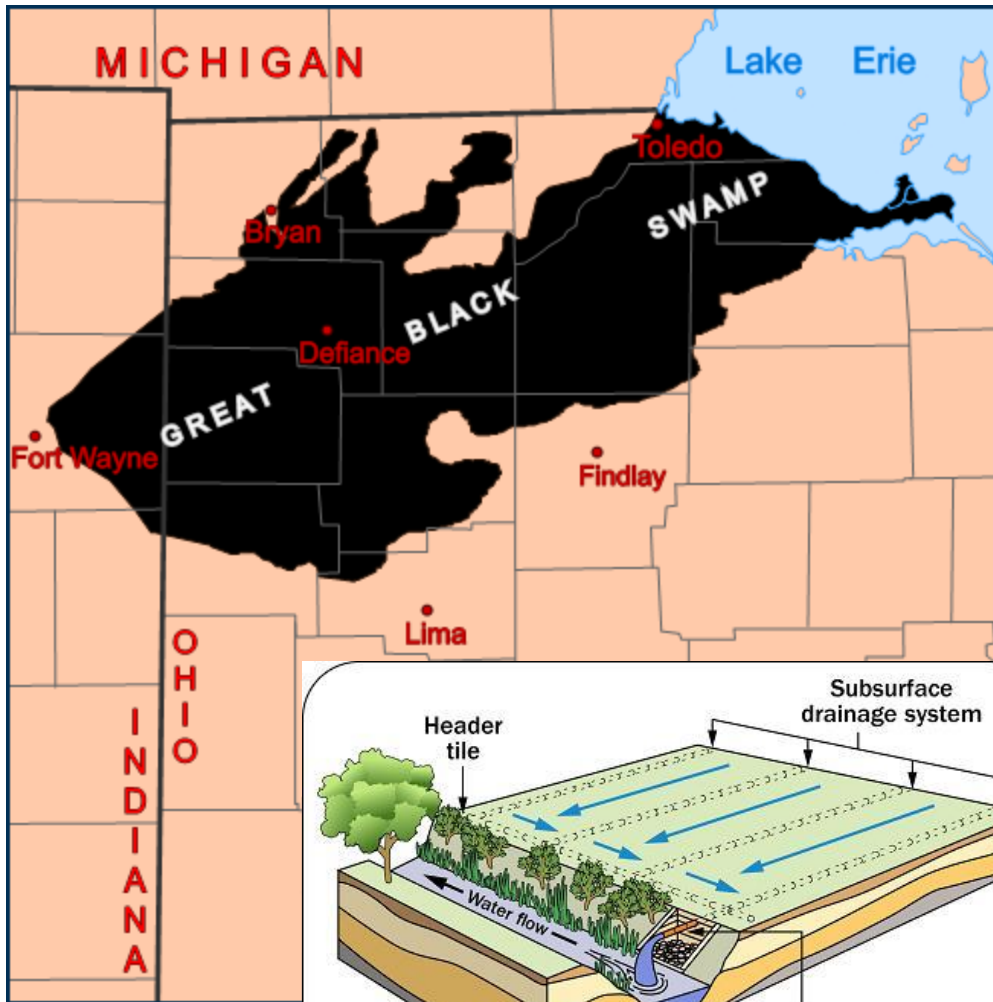
Sources: Esri, HERE, DeLorme, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

Harmful Algal Blooms

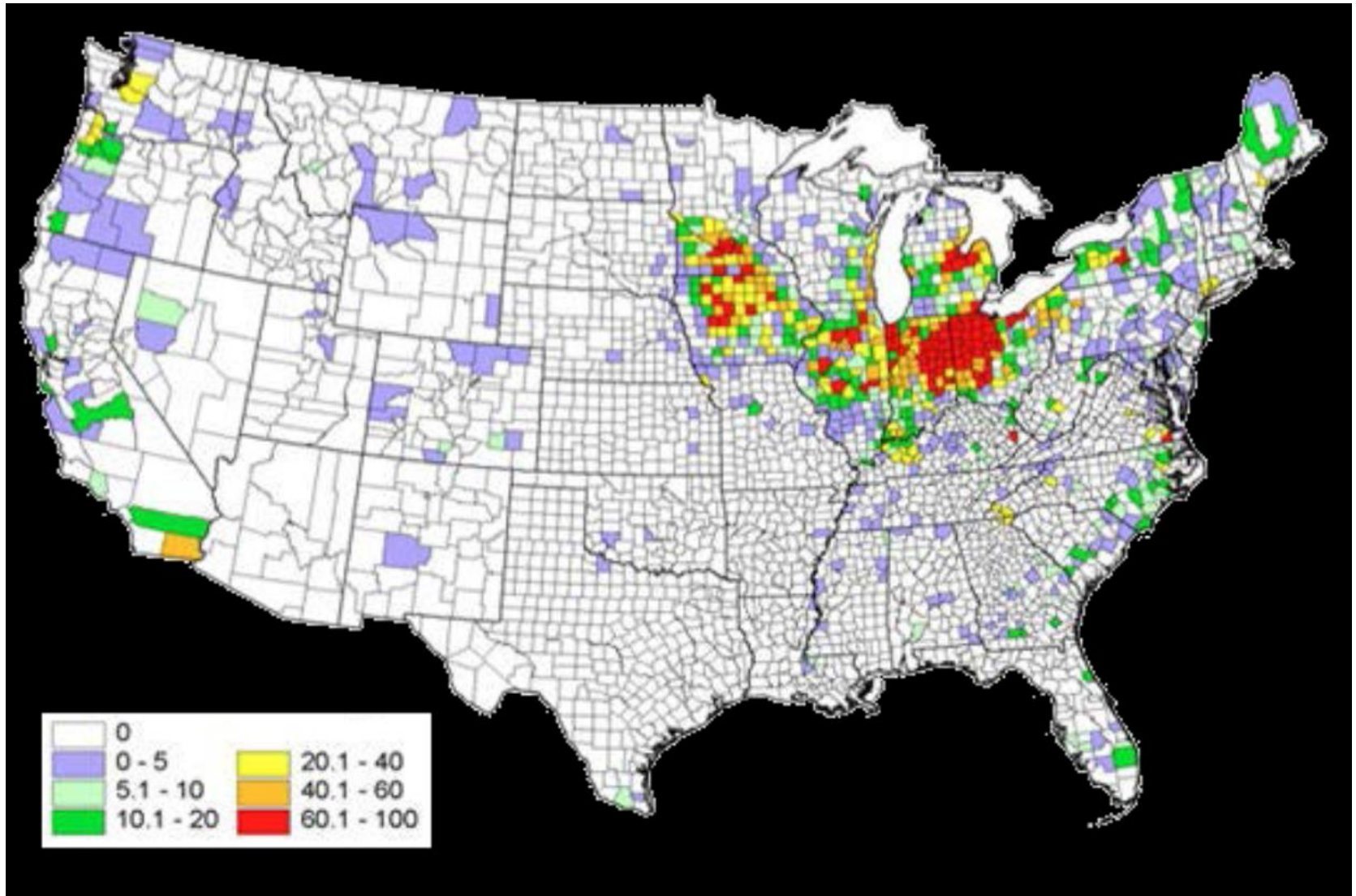


Source: NOAA Centers for Coastal Ocean Science; data from the NASA MODIS sensor

The Great Black Swamp



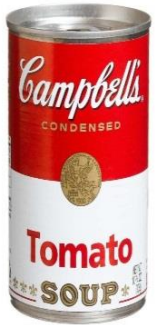
Harvest Acres with Sub-Surface Drainage



Economic Impact of Lake Erie



Economic Impact of Agriculture in the Region



Urban Challenges vs. Agricultural Challenges



Policy Tools

Advocacy

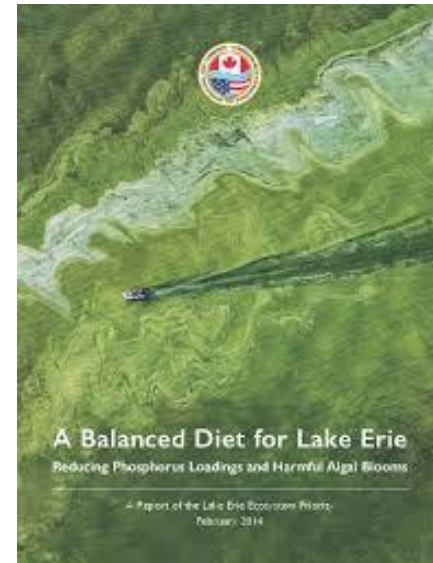
MOVING FORWARD: LEGAL SOLUTIONS TO LAKE ERIE'S HARMFUL ALGAL BLOOMS



A Report Commissioned by
Lucas County, Ohio Board of County Commissioners



WATER AND JUSTICE PROGRAM



Date: June 13, 2017

Resolution No. 17-511

Title: Opposing Withdrawal from The Paris Agreement of 2015 on Climate Change and Reiteration of Commitment to Greenhouse Gas Reduction and Renewable Energy Goals

Department/Agency: Commissioners

Contact: Melissa Greene Hopfer, Sustainability Project Manager

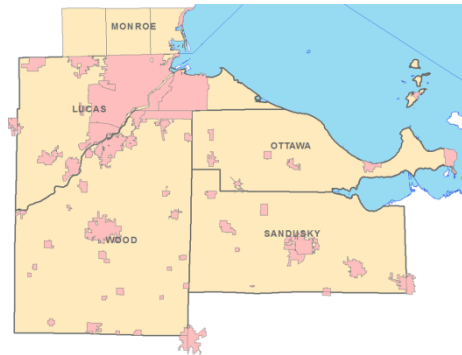
Summary/Background: The Board of Lucas County Commissioners has joined a total of 1,219 governors, mayors, businesses, investors, and universities from across the U.S., representing a broad cross section of the American economy, assembled in pursuit of climate action, to declare their intent

Policy Tools

Partnerships



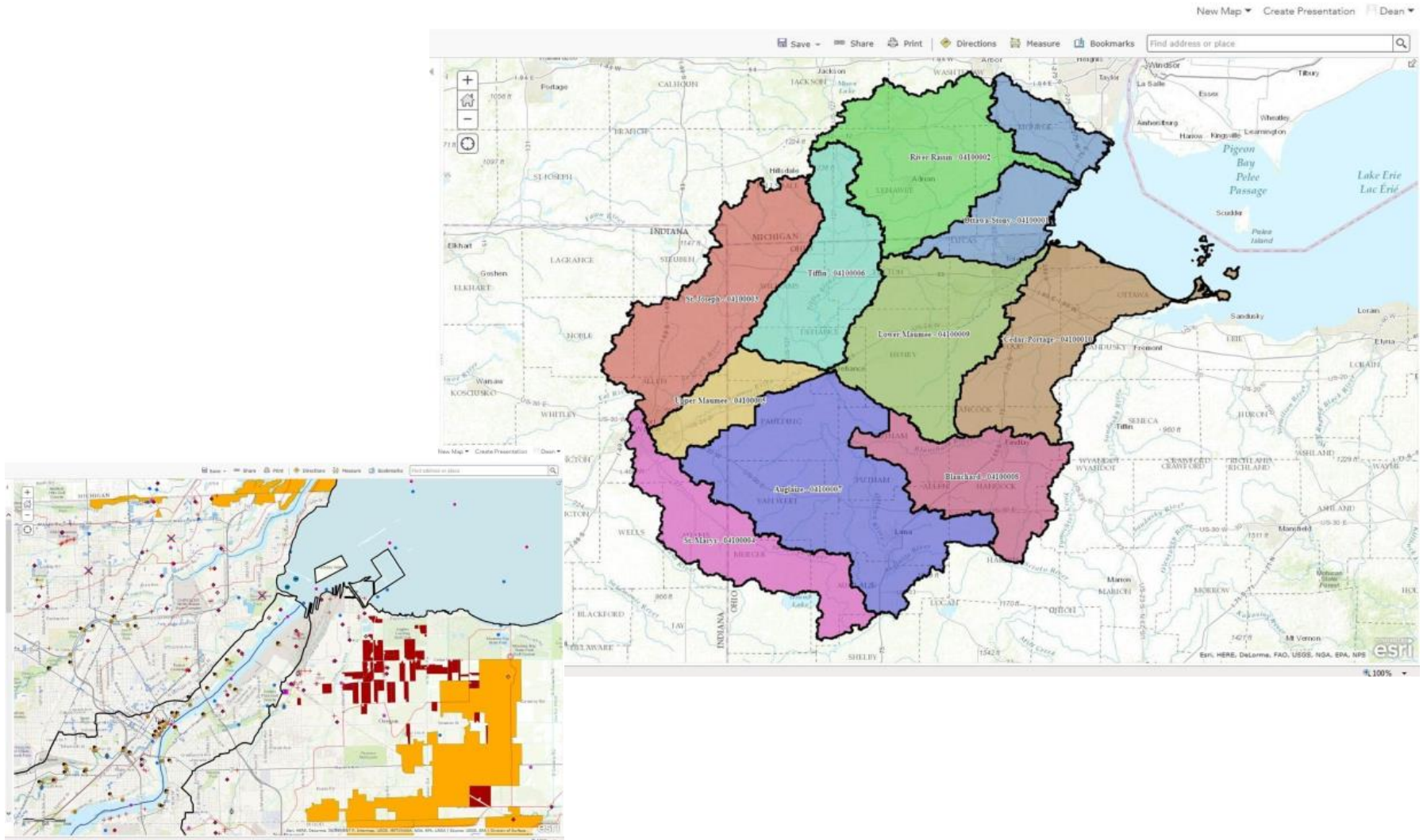
TMACOG "208" Areawide Water Quality Management Plan



TOLEDO
LUCAS COUNTY
SUSTAINABILITY
COMMISSION

Policy Tools

Projects – Nutrient Source Inventory



Policy Tools

Best Management Practices



Wetland Restoration



Vegetated Ditches and 2 Stage Ditches



Cover Crops



Green Stormwater Infrastructure

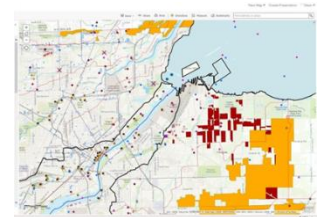
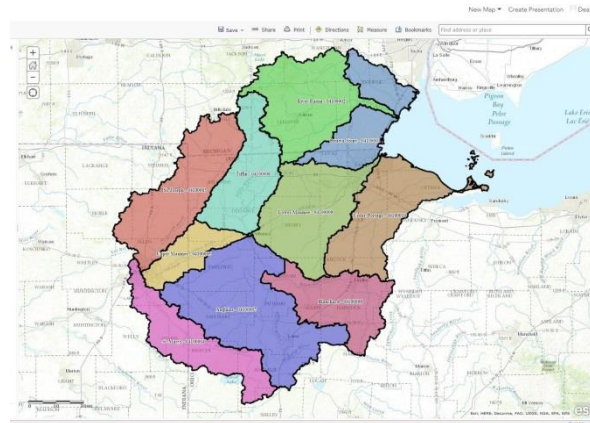
Local Elected Officials' Role

- Advocacy at the local, state, and national level
- Foster collaboration and partnerships
- Develop tools and recommendations
- Leverage funding for project implementation

MOVING FORWARD: LEGAL SOLUTIONS TO LAKE ERIE'S HARMFUL ALGAL BLOOMS



A Report Commissioned by
Lucas County, Ohio Board of County Commissioners



THANK YOU!



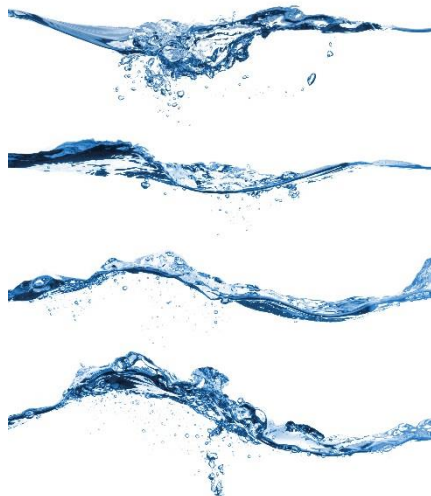
Click here for more information:

<http://www.lucascountygrown.com/current-projects-water.html>

22 July 2017

Water: Resources, Resiliency, and Partnerships

Commissioner Martha Schrader
Clackamas County, Oregon



Clackamas County, Oregon

***Mount Hood,
Oregon's highest peak***



Willamette Falls

Community Relationships



***Ensuring
stream
health***

Education

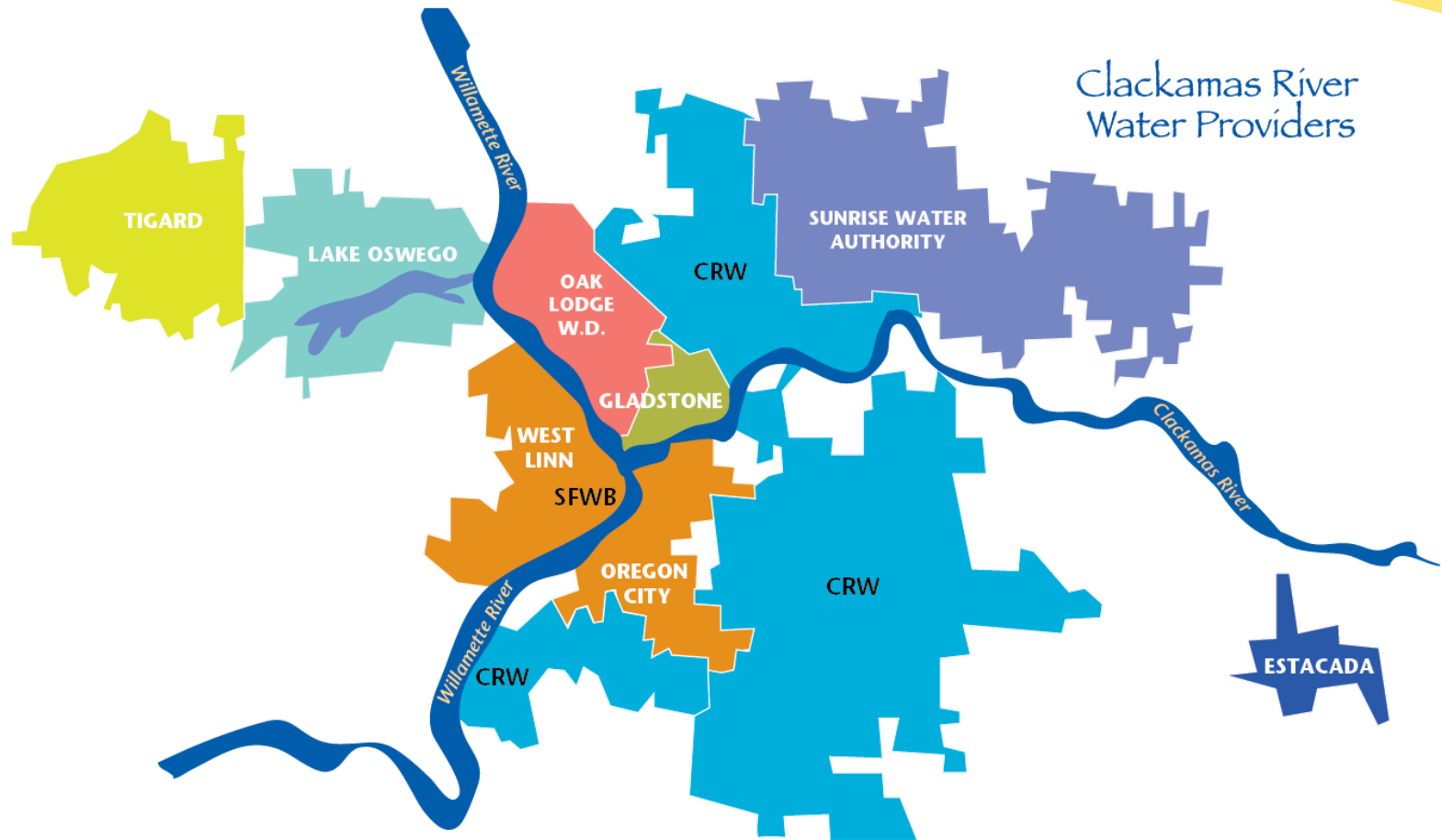


Schools

Riverhealth Stewardship Grants



Clackamas River Water Providers



WES Partnership



- **Long-term stability**
 - **Substantial savings for ratepayers**
 - **Streamlined approach to regulatory compliance**

Partnerships: Pooling Resources in 21st Century Government

Water Environment Services recognizes
Bartlett Tree Experts, Landscape East & West,
and Sense of Place Permaculture for gaining

ECOBIZ
Landscape Certification



Please consider hiring businesses who
protect public health and the environment.
For a complete list of Oregon eco-businesses,
or to apply for certification, visit

ecobiz.org



Photo credit: Landscape East & West

REPORT SPILLS

Help us protect your drinking water

The Clackamas River supplies high quality drinking water for over 300,000 people in Clackamas and Washington Counties.



CALL 911

REPORT HAZARDOUS SPILLS or discharges of wastewater into a storm sewer system by calling 9-1-1, and ask the dispatcher to notify Water Environment Services (WES). For other spill or pollution related questions contact WES at 503-742-4567.

Facilities may also need to contact OERS (Oregon Emergency Response System) at 800-452-0311.

PLAN AHEAD

Facilities storing dangerous or hazardous materials are encouraged to add spill kits, install secondary containment equipment, and develop spill response plans.

ON-SITE EMERGENCY CONTACT

NAME:	TITLE:
PHONE:	EMAIL:
NOTES:	



Resilient Partnerships at Work



<http://bit.ly/2uwGJxb>

Questions?

