

H2Ohio Water Infrastructure Investments

Ohio Lake Erie Commission Quarterly Meeting





March 8, 2023

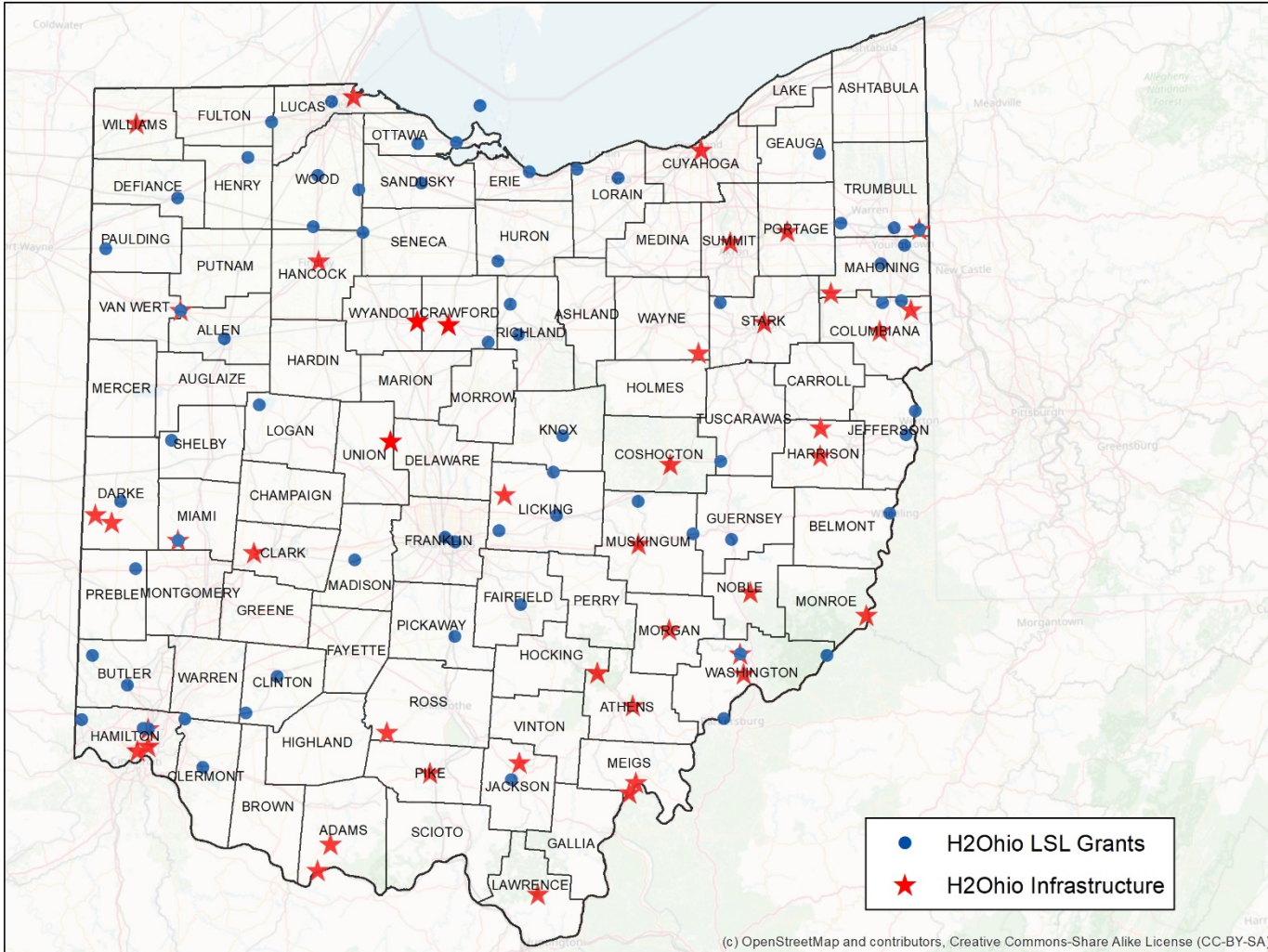
Jon Bernstein, P.E.

Chief of Ohio EPA's Division of Environmental and Financial Assistance



Ohio EPA H2Ohio Priorities

-  Funding water infrastructure projects to provide safe drinking water and sewer services
-  Fixing or replacing hundreds of failing septic systems in low-income areas
-  Identifying and replacing lead service lines
-  Increasing water quality monitoring across the state



H2Ohio

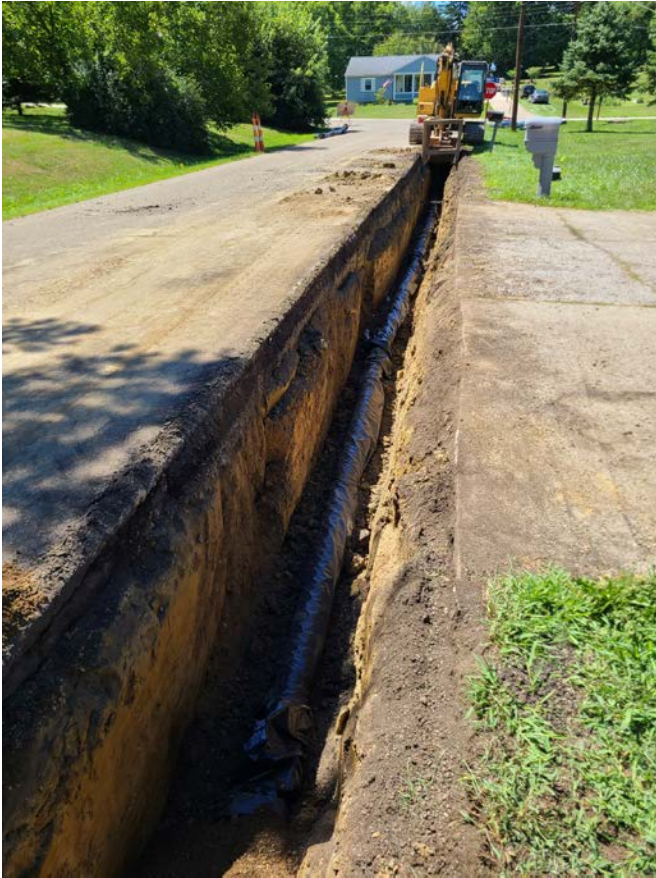
- ~\$37 million over four years
- 38 infrastructure projects
- >100 projects for lead service line identification or removal
- 23 health districts supported for HSTS

HSTS Funding



- Funding to local health districts
- \$115,000 - \$250,000
- Homeowner incomes up to 300% FPL
- Repair, replace, or connect to sanitary sewers
- One of very few sources of funding for private homeowners

Canton South Waterline Extension



- \$1.5 million H2Ohio Grant
- Leveraged with ARPA funding
- Contaminated wells
- Over 400 households

Williams County Kunkle Wastewater Improvements



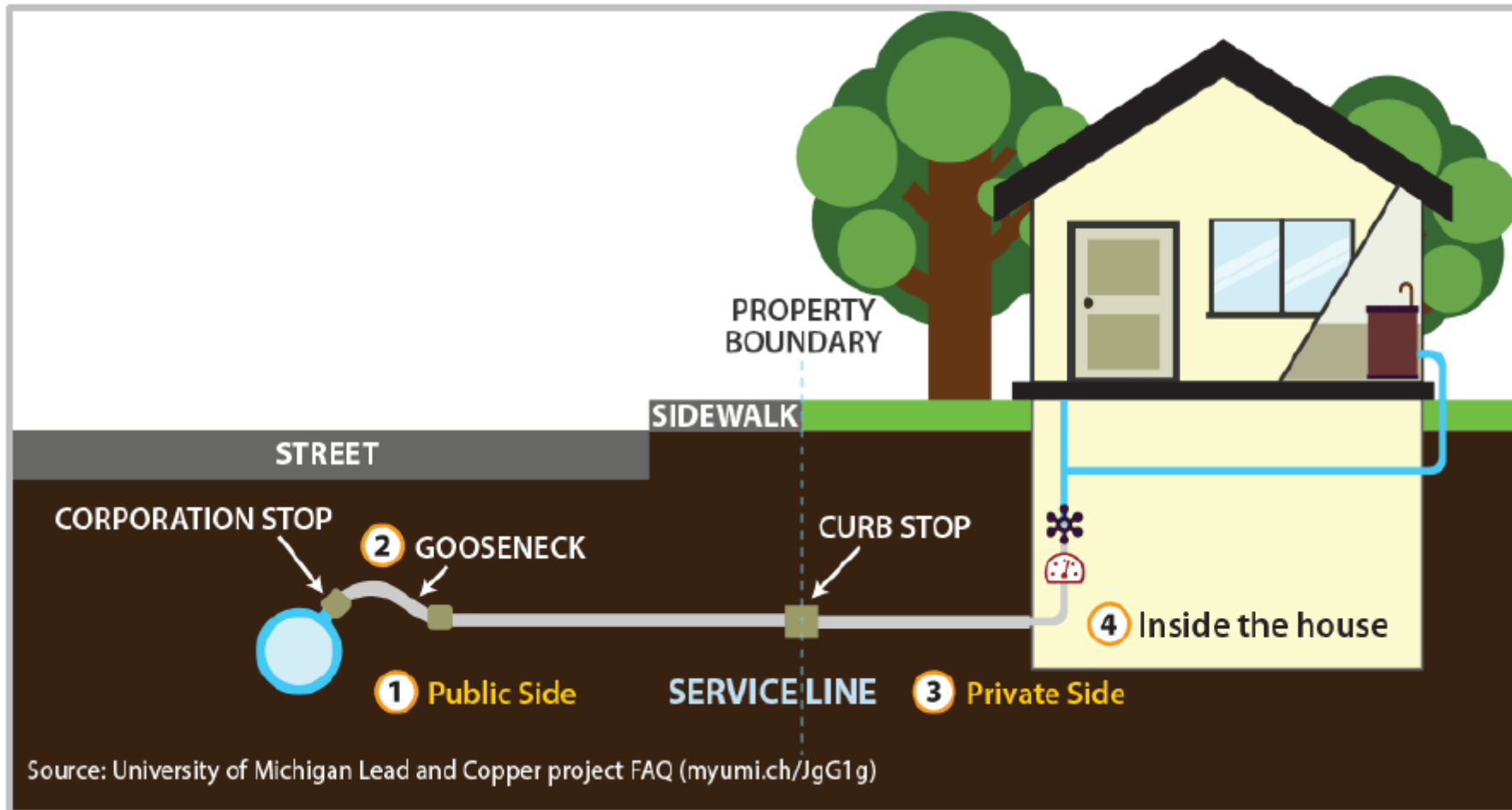
- \$500,000
H2Ohio Grant
- Unsewered
Community
- Under Ohio EPA
Enforcement
- Potential to tie
in Alvordton

West Union Panhandle Subdivision



- \$1,000,000 H2Ohio Grant
- Unsewered area
- Leveraged with SRF principal forgiveness
- Large regionalization project
- Ohio EPA enforcement

Lead Service Line (LSL) Replacement Funding

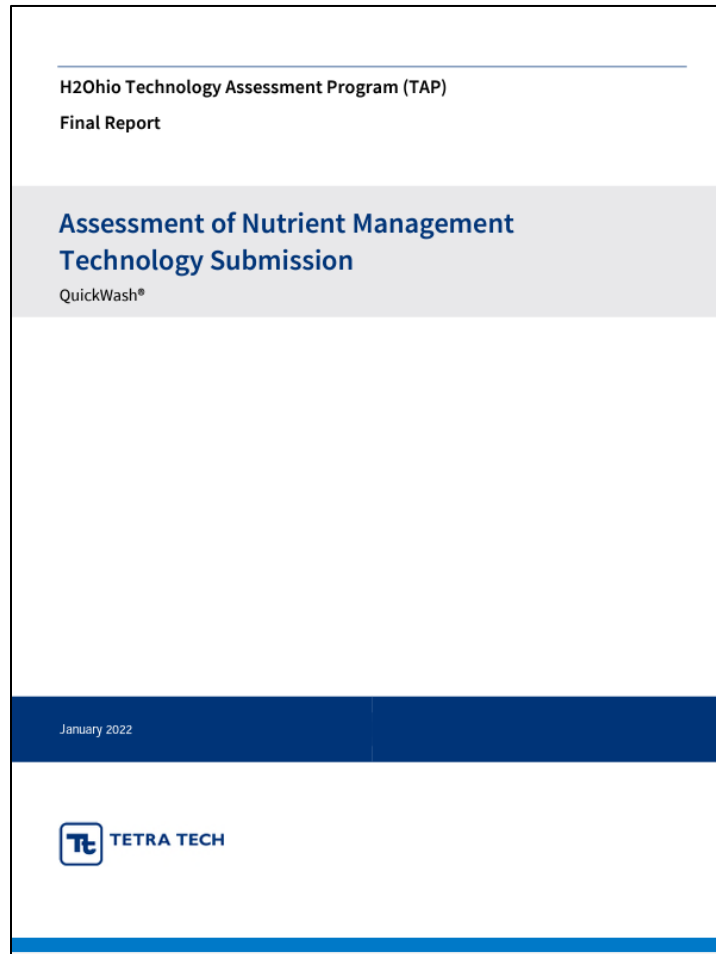


Greater Cincinnati Water Works LSL



- \$750,000 H2Ohio Grant
- Daycares in Hamilton County
- Full Replacement
- Coordinated with ODH and WIIN lead testing grant

H2Ohio Technology Assessment Program (TAP)



H2Ohio TAP reviewed technologies that:

- reduce nutrient loading to rivers, streams, and lakes;
- remove nutrients from rivers, streams, and lakes;
- reduce the intensity or toxicity of algal blooms;
- recover nutrients from manure; and
- improve nutrient removal in wastewater treatment plants.

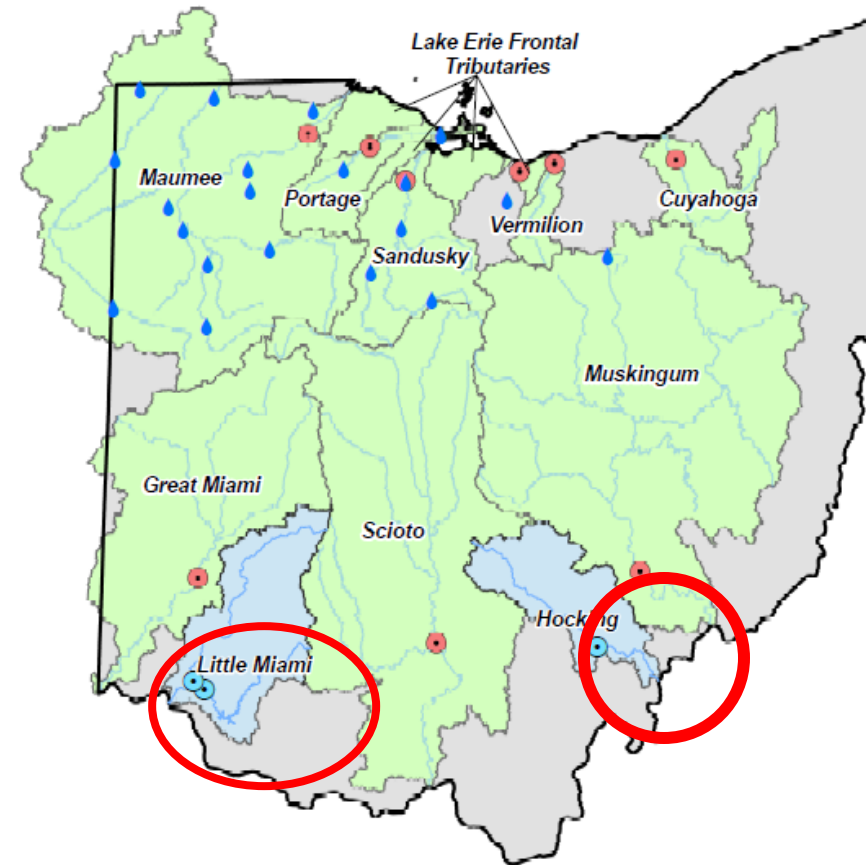
H2Ohio

Funding Opportunities

- LSL mini-grants – up to \$50,000 to map/identify LSL
 - \$4.5 million to over 100 PWS
- \$1 million in equipment grants for PWS
 - Valve exercisers, leak detection, automatic flushing equipment, etc.
 - <\$10,000 each
 - Significant demand
- Round 5-6 infrastructure opportunities
 - Nominate to the SRFs

SFY 2024-2025
Governor's Budget
\$31,350,000/year

2020 H2Ohio Monitoring Investment

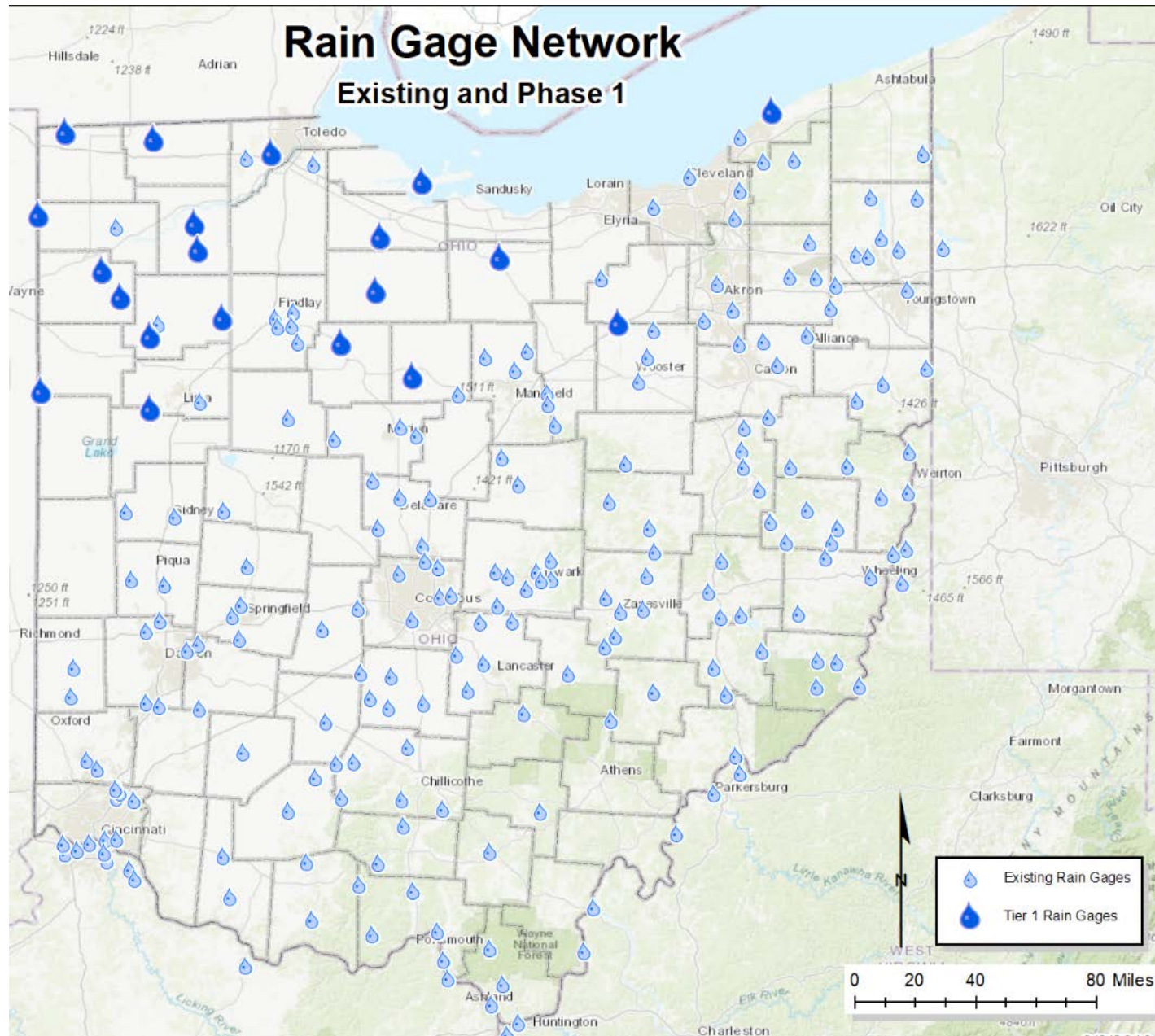


Existing Nutrient Mass Balance

- Major Watershed
- Pour Points

H2Ohio New Monitoring

- Expanded Rain Gage Network
- New Nutrient Mass Balance
- Pour Points
- Watersheds



H2Ohio Updates

Discussion and Questions

Jon Bernstein, P.E.

614-644-3715

Jonathan.Bernstein@epa.ohio.gov