

Varsity Voices Ensemble Choir



Directed by: Mr. Thomas Sneed

*Welcome to Lucas County,
Director Brian Baldridge!*



**Department of
Agriculture**



Lucas Soil & Water Conservation District

1964 ~ 2023





To provide leadership in the conservation of our **soil**, **water**, and other **natural resources** through **education**, **information**, and **technical assistance**



Lucas SWCD Board & Staff



**7 staff (5 full-time, 2 part-time)
5 elected Board Supervisors**

Funding & Grants



Special thanks:

**Lucas County OMB
Allocation Increase
~ \$50,000**

**Lucas Co. Engineer
MS4 Education &
Drainage
~ \$30,000
~ \$150,000**

In addition to our local city, townships and village support
and Ohio Dept. of Agriculture:

Ohio EPA OEEF Education grant completed for **\$4,200**

American Farmland Trust Great Lakes Navigator Network
Program for **\$7,500**

US Forestry Service Grant for **\$80,000**

Ohio Lake Erie Commission Farm Field Dredge Application
Grant with BGSU for **\$83,000**

H2Ohio Grant ~ **\$ 1,157,483**
Producer and Staffing payments

US EPA/GLRI Maumee AOC Headwaters Tenmile Stream
and Riparian Restoration Grant for **\$560,523**

*This project was made possible because it is located
within the Maumee Area of Concern, and is a priority
project for the improvement of aquatic populations and
habitat.*

New Office

3350 Hill Ave., Suite K, in Toledo



Looking Ahead

- 2 New H2Ohio Wetland Grant applications, in partnership with Chagrin River Watershed Partners
- New partnering grant with DRIFT team to monitor new H2Ohio wetlands
- Potential new staffing
- More demonstration practices and projects on Lott property
- 2024 Community-wide event held at MacQueen Orchards
- 2024 State Summer Supervisors School hosted in Area 1 (Toledo)



Community Outreach

“How reach out to Lucas Co. Residents?”

- District Sales
- Social Media
- Newsletter
- Website/Blog



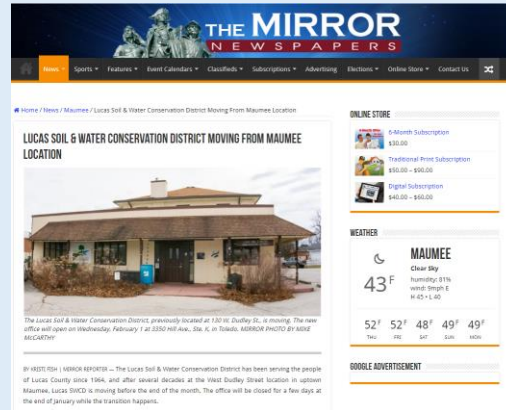
www.LucasSWCD.org



Community Outreach

“How do we reach out to Lucas Co. Residents?”

- Press Releases/
Media Presence
- Tabling at
Community Events
- Partnerships
- “Lott’s Backyard”
- NEW in 2024 –
Lucas County
Platbooks!



Conservation Education

- **Teacher Workshops (2)**
 - Project WET Educator Workshop with Metroparks
 - Provide Enviroscape session for Putnam County Educator Workshop
- **Classroom/Youth Programs (650 programs, 16,291 youth)**
 - Popular programs : *Worm Composting, Edible Insects, Macroinvertebrates, Streamulator, Owl Pellets, Soils, Adaptations, Rocks Environmental Careers, Ohio Wildlife*
 - Area 1 Envirothon
- **Free Tree Giveaway- 1,007** Spruce seedlings passed out to Lucas County students
- **Field Trips/Field Day**
 - Blue Creek Conservation Area
 - Maumee Fort Miami Prairie Field Day
 - TPS ANSAT Detwiler Marsh Water Sampling
- **Lucas County Environmental Education Committee**



Community Education

Community Fairs/Events:

- Metroparks Bugfest
- Toledo Zoo Party 4 The Planet
- Lucas County Fair
- Toledo GROWS Seed Swap
- UT Earth Fest
- City of Toledo Monarch Education Blitz
- Women in STEM

Workshops:

- Rain Barrel Workshops
- Composting 101 Workshop

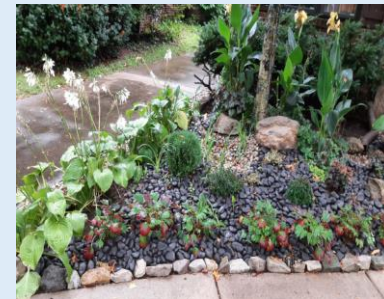
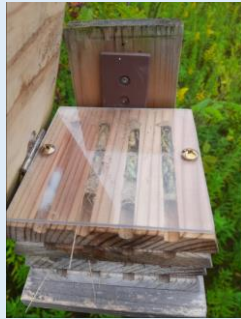
Presentations:

- 577 Foundation
- River Road Garden Club
- Maumee Valley Bee Keepers
- Wernert Center Garden Club



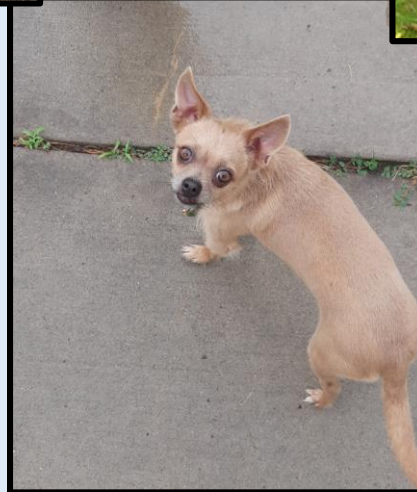
Jan – October
9900+ gallons H₂O
(minimum capacity)
prevented from
reaching storm
sewers

Conservation Success Stories 2023





**Some of the
people
behind the
success stories
(and mama's
helper too ☺)**





H2Ohio CY22 Practice	Total Acres	Cost-Share Amount Paid
VNMP Implementation	12560.3	\$ 25,120.60
VRT Phosphorus Application	3753.8	\$ 30,030.40
Subsurface Placement	4404.6	\$ 132,138.00
Manure Incorporation - All Other	57.1	\$ 3,426.00
Conservation Crop Rotation	1088.2	\$ 38,087.00
Overwintering Cover Crops	2699.7	\$ 67,497.50
OWCC Early Seeding Bonus	769	\$ 7,690.00
Total Cost-Share Paid:		\$ 303,989.50

- CY23 information is still being gathered and processed.

H2Ohio - Goals



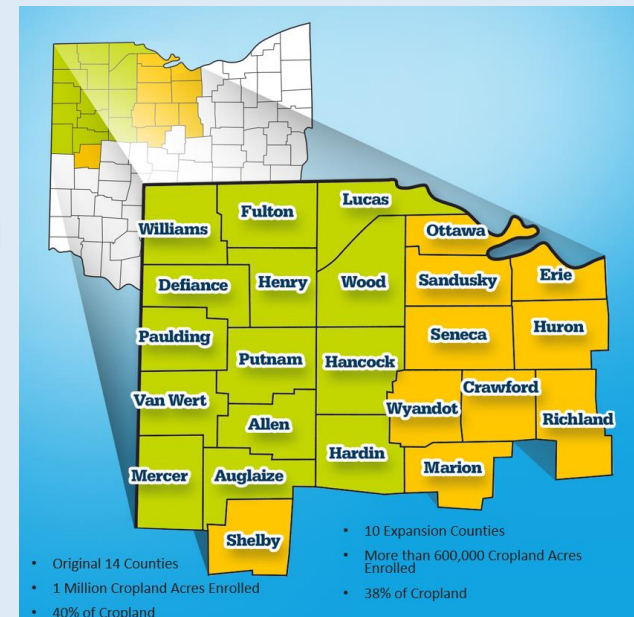
Department of
Agriculture

Grow Program Footprint: 2 Million Acre Goal

Maumee Watershed

- Accept applications from for H2Ohio BMPs for '24-'25 across the Maumee Project Area.
- Enrollment open Sept 5, 2023, through the end of the year.
- 1.5-Million-acre enrollment goal for the 14 county area of the Maumee Watershed.

WLEB - ~ 600,000 VNMP Implementation



H2Ohio - Practices

Practice		Payment
VNMP Development – 2 year plan		\$10/Acre
VNMP Implementation		\$10/Acre (Basic) & \$15 (Precision)
Subsurface Phosphorus Placement		\$20/Acre (Annually)
Manure Incorporation		\$60 (Liquid) & \$35 (Dry) \$15 Bonus for low soil testing fields <25 ppm
Conservation Crop Rotation – Small Grains	Overwintering Cover	\$40/Acre
Conservation Crop Rotation – Forages		
Overwintering Cover Crops		

H2Ohio - MyFarms



Department of
Agriculture

- MyFarms is developing software to support H2Ohio Program enrollment, practice certification, and contract management
- MyFarms will incorporate program requirements into the enrollment process, and connect to existing data sources that producers are already using

The screenshot shows the H2Ohio MyFarms dashboard. The top navigation bar includes 'SAFE Link', 'Me', and a 'DASHBOARD' dropdown. The main navigation menu has 'Fields', 'Operation', 'Data' (selected), 'Sustainability', 'N Balance', 'Declaration', 'N Solver', 'Reports', 'More', and 'Contacts'. The left sidebar contains filters for 'Year' (2021), 'Farm' (All Farms), 'Type' (Management Zone), and 'Category' (Manure Setback), along with 'Reset Filters' and 'Apply Filters' buttons. The main content area is titled 'Download' and includes a table with columns: Year, Farm / Field, Details, Type / Map Name, Proprietary, and Shapefile. The table lists 10 rows of data for the year 2021, all categorized as 'Management Zone Manure Setback'. Each row has a 'Proprietary' checkbox and a 'Shapefile' button. A 'Download' button is at the bottom right of the table.

Year	Farm / Field	Details	Type / Map Name	Proprietary	Shapefile
2021	70		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>
2021	70 Ardenture		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>
2021	70 Brad 1		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>
2021	70 Clemens		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>
2021	70 COPAcademyField		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>
2021	70 Fennig		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>
2021	70 Griffin		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>
2021	70 Home 1.8		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>
2021	70 Home 1.10		Management Zone Manure Setback	<input type="checkbox"/>	<button>Shapefile</button>



Farmland Preservation

American Farmland Trust

- Great Lakes Farm Navigator Network Program
 - Receive training to support farmers/landowners in conservation and transfer planning
 - Receive \$7,500.00/year for the 3 year span of the project

Local Agricultural Easement Purchase Program

- Applied to be a Local Sponsor
- Program provides funding to farmland owners for placing an agricultural easement of their property, which limits the use of the land to predominantly agricultural activity.
- Landowners can receive up to \$2,000/acre.



Conservation on the Ground

Blue Creek Conservation Area



Whitehouse, Ohio – 60 acres of conservation farming including the following practices:

- Conservation tillage
- Nutrient management
- Windbreaks
- Cover crops
- Filter strips
- Strip Till
- “Regenerative Agriculture”

Blue Creek Composting Facility



Conservation on the Ground

Drainage

Debrushing completed on Ballard Ditch

BEFORE



DURING



AFTER



Conservation on the Ground

Drainage

Seeding along Ballard Ditch



Two-stage ditch with clover planted on the bench – clover is a nitrogen fixing cover crop that will hopefully help break down the wood shavings left behind from debrushing.



2023 Lucas SWCD Conservation Awards

2023 Outstanding Cooperator of the Year

Bench Family Farms *Jerusalem Township*



2023 CRP Award

(Conservation Reserve Program)

Peter E. Durbin
Berkey, OH



2023 Conservation Educator of the Year

Lianne Genzman

Ottawa Hills Elementary School



2023 Community Partner of the Year

Cherie Blair

*Ohio Environmental Protection
Agency*



Community Service Legacy Award

Tina Skeldon-Wozniak

Lucas County Commissioner



Lucas Soil & Water Conservation District

1964 ~ 2023



LUCAS SOIL & WATER
CONSERVATION DISTRICT

Thank you!



How to reach us:
(419) 893-1966

3350 Hill Ave., Suite K
Toledo, OH 43528

LucasSWCD@gmail.com

Please fill out the feedback
form on your table 😊