

# Euclid Creek Watershed Program

## December 1, 2021 ECWC Update



## Euclid Creek Watershed Program Partnership

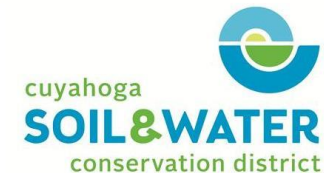
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### EUCLID CREEK WATERSHED COUNCIL

BEACHWOOD • CLEVELAND • EUCLID

HIGHLAND HEIGHTS • LYNTHURST • MAYFIELD

MAYFIELD HEIGHTS • RICHMOND HEIGHTS • SOUTH EUCLID



Elizabeth Hiser

Watershed Program Manager

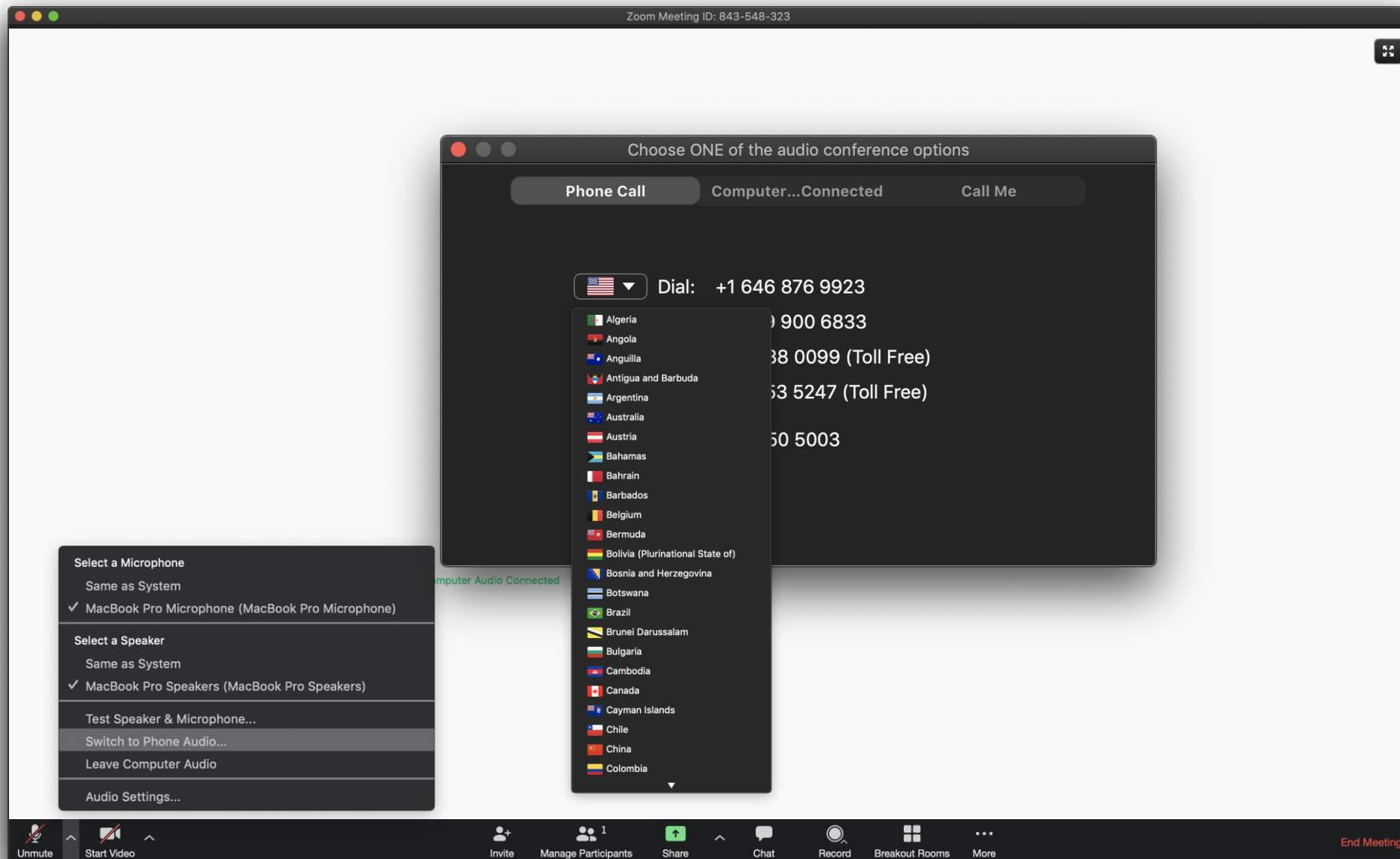
Cuyahoga Soil & Water Conservation District

# Zoom Meetings

## Housekeeping Slides

- **Adjust audio settings**
- **Switch to telephone audio**
- **View participants, raise hand, vote**
- **Chat**

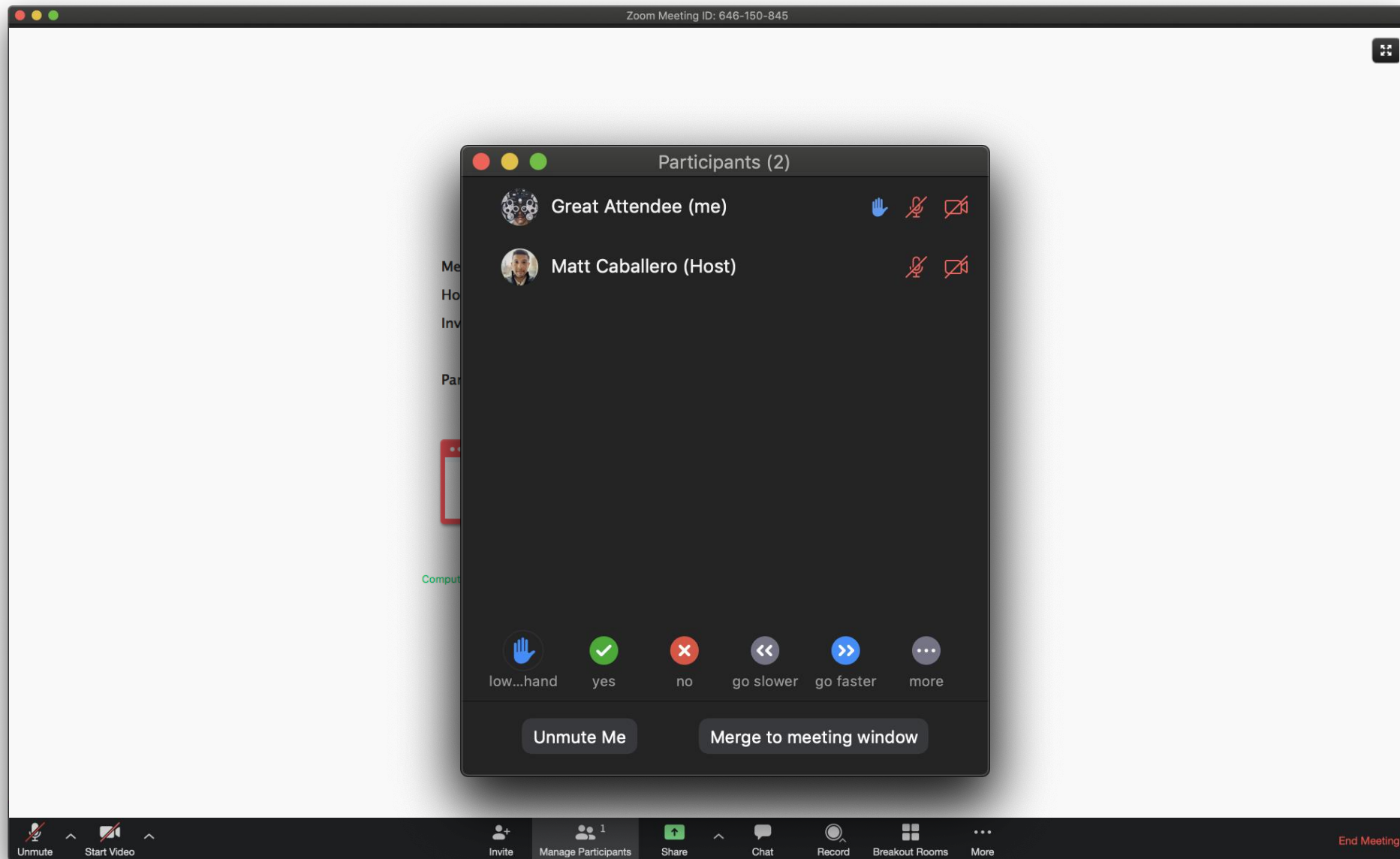




Housekeeping – Zoom Meeting viewer interaction



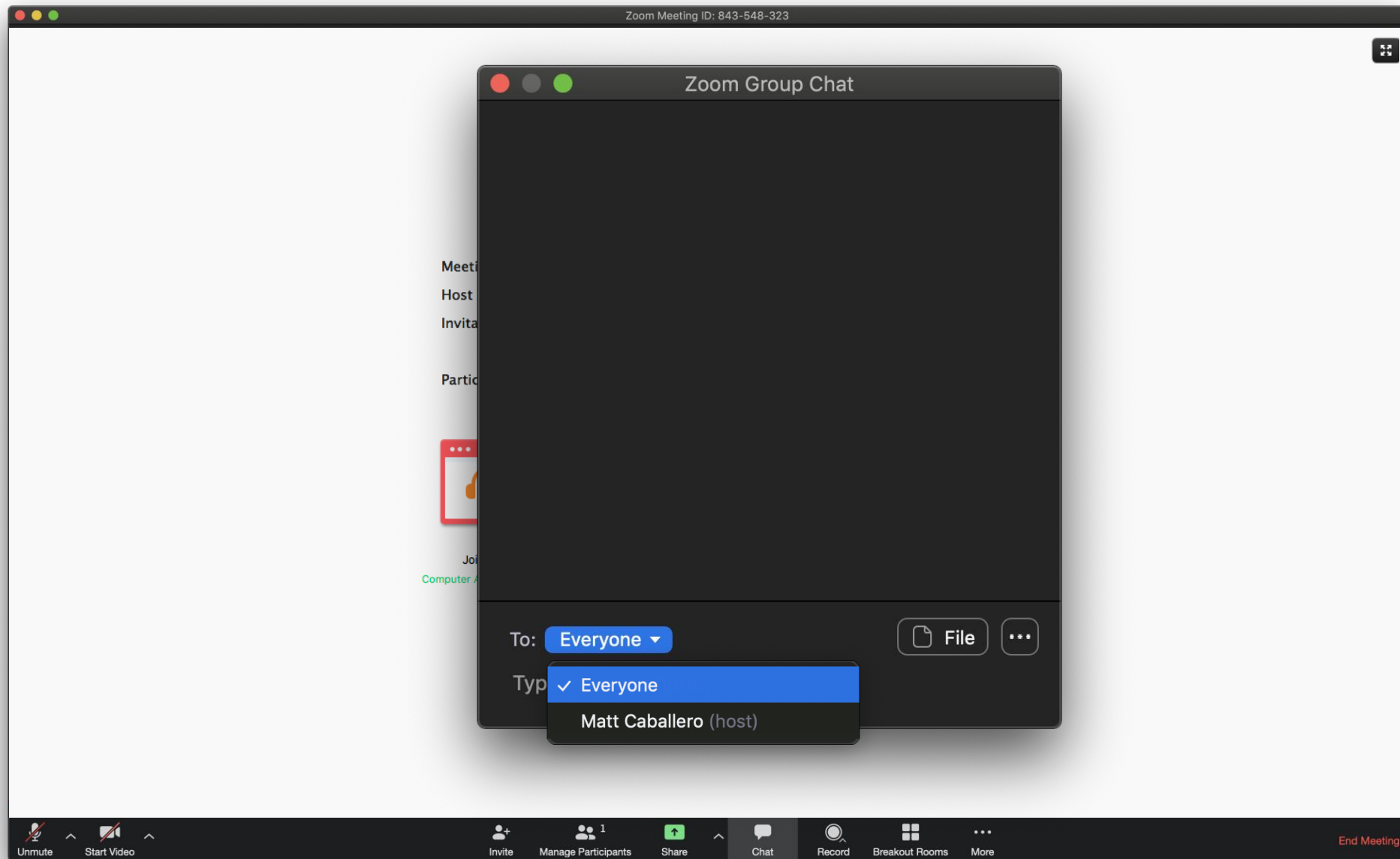




Housekeeping – Zoom Meeting viewer interaction

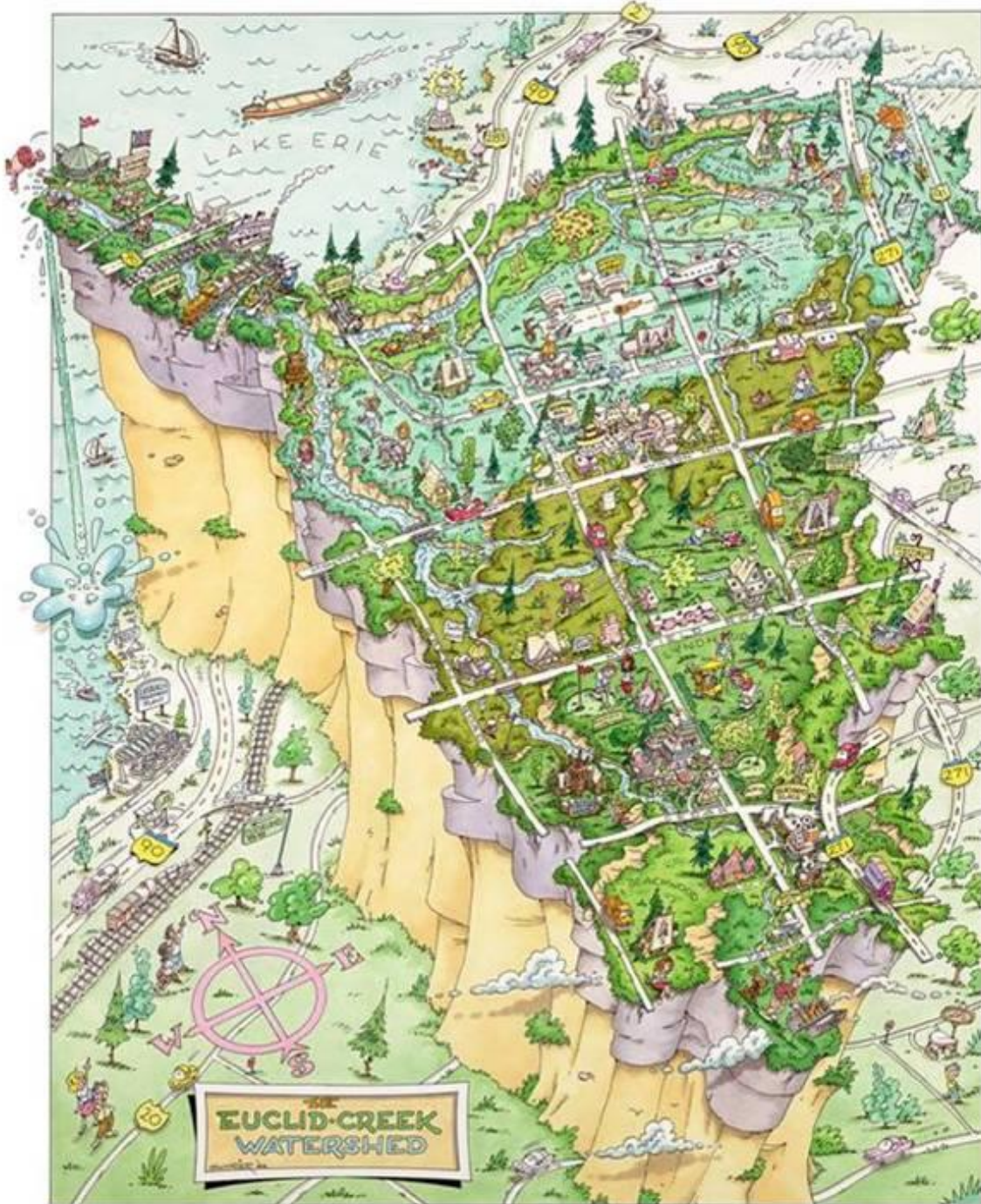






Housekeeping – Zoom Meeting viewer interaction





## Icebreaker & Agenda

- Highest Priority Community Watershed Project
- Welcome, Zoom Overview, Icebreaker, Consent Agenda Summary, Start Meeting
- Proposal to approve April 2021 Minutes, 2021 Work Plan Updates: Council Action
- SWCD ECWP Updates
- Additional Business from Watershed Council members
- Schedule next meeting
- Adjourn Meeting



# Consent Agenda



These items will be presented to council in a single motion for an up or down vote after allowing anyone to request that a specific item be moved to the full agenda for individual attention. Other items, particularly those requiring strategic thought, decision making or action, are handled as usual.

Approval of the April 2021 Minutes, 2021 Work Plan & PIPE Program Updates



# Proposal to Approve Minutes, Work Plan Updates

The Euclid Creek  
Watershed Program

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## Euclid Creek

[The Watershed](#) [Program Mission & History](#) [Friends of Euclid Creek](#) [Euclid Creek Watershed Council](#)

### Purpose

The goals of the Euclid Creek Watershed Council (ECWC) are to promote inter-jurisdictional cooperation in addressing watershed issues in the Euclid Creek watershed, including cooperation with the Euclid Creek Watershed Program Manager to implement the Watershed Action Plan for the Euclid Creek.

### Background and History

In 2000, 10 municipalities in the Euclid Creek Watershed organized informally, with the assistance of the Northeast Ohio Areawide Coordinating Agency (NOACA), to form a Euclid Creek Watershed Council to address common environmental, stormwater and development concerns in the Euclid Creek Watershed.

### WATERSHED COUNCIL MEETINGS:

#### 2021 Meetings

**December 1 Virtual Meeting** - [Agenda](#) - [Work Plan Update](#) - [PIPE Work Plan Update](#)

**April 15 Virtual Meeting** - [Agenda](#) - [Work Plan](#) - [PIPE Work Plan](#) - [Work Plan Update](#) - [PIPE Work Plan Update](#) - [Meeting Recording](#) - [Draft Minutes](#)

#### 2020 Meetings

**January Virtual Summit** - [Recording](#)

**October 8 Virtual Meeting** - [Agenda](#) - [Work Plan Update](#) - [PIPE Work Plan Update](#) - [Meeting Recording](#) - [Draft Minutes](#) - [Presentation](#)



# Euclid Creek Watershed Program

## SWCD Updates

### Goals:

- To improve the health of the environment in the Euclid Creek Watershed.
- To participate, as public officials and stakeholders, in the implementation of the Euclid Creek Watershed Action Plan.

### Missions:

- To address common environmental, stormwater and development concerns in the Euclid Creek Watershed.
- To raise awareness about and preserve the natural features of the Euclid Creek Watershed.
- Implement programs and practices that protect and restore healthy soil and water resources.



# Watershed Planning

Deforested Riparian Zones – GIS Work Complete

Next:

GIS and Analysis for DCI, LIA, PRES

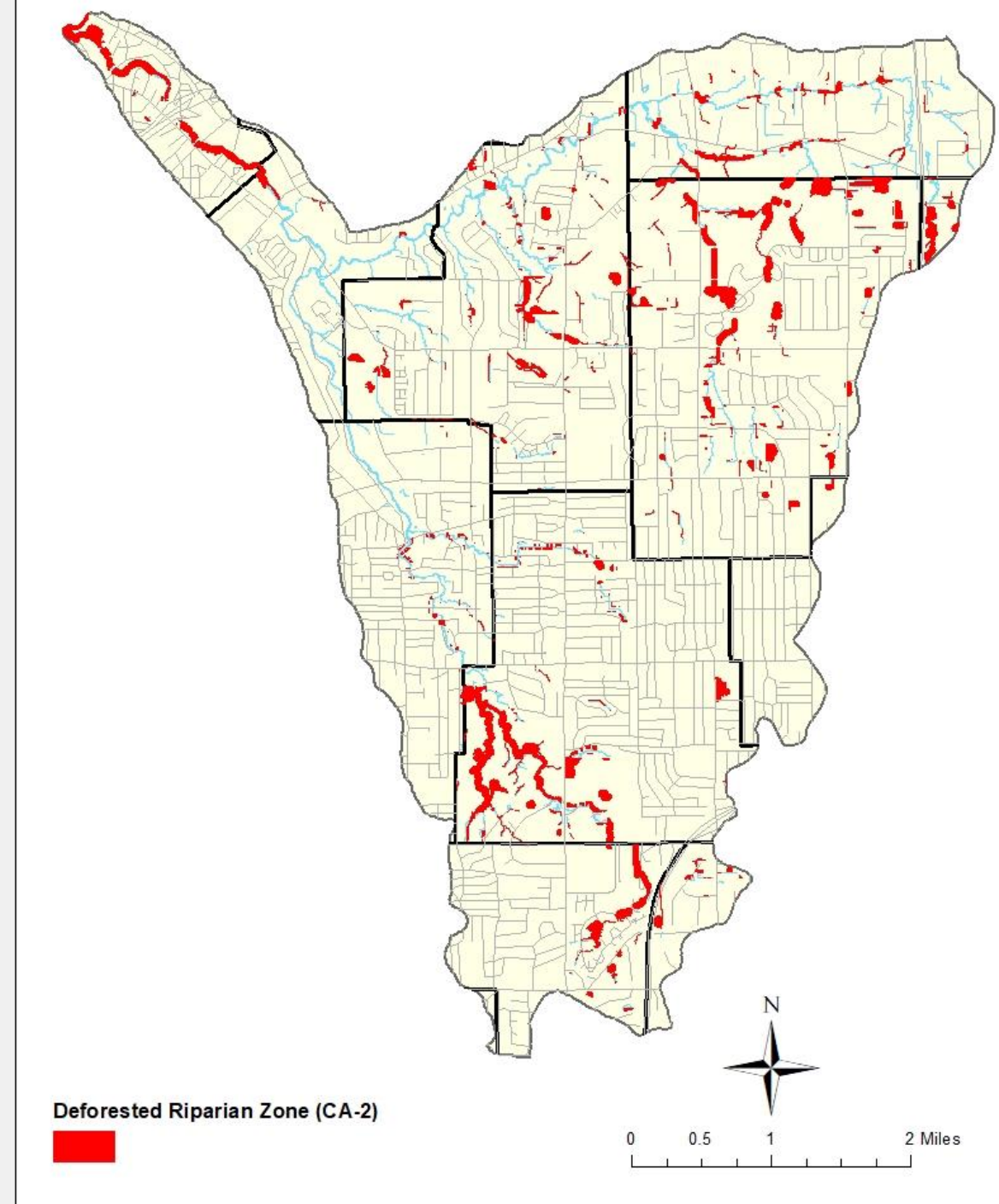
Partner Review – Community Projects to add?

Public Input

Submit update to OEPA

2022:

Basin retrofit opportunity analysis





# Technical Committee

## Riparian Setbacks and Managing Them – 2022 (Planning to start January)

- The what and why of riparian/wetland setbacks.
- Review some standard setback code language used in northeast Ohio communities.
- Considering setbacks during development plan review and approval.
- Determining the presence and extent of setbacks in the field.
- How to handle variance requests.
- Frequently asked questions/Q&A
- Facilitated group discussion or breakout discussions among community reps (share their lessons learned, tips, etc)

# Ohio EPA MS4 Permit – Issued April 1

[https://epa.ohio.gov/dsw/permits/GP\\_MS4StormWater](https://epa.ohio.gov/dsw/permits/GP_MS4StormWater)

## Small Municipal Separate Storm Sewer Systems (MS4s) - General Permit

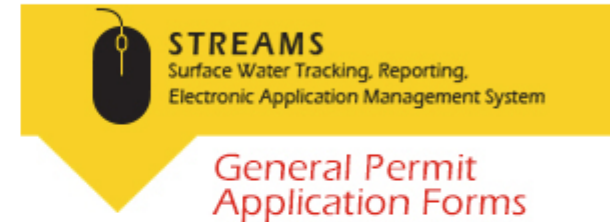
### Final Small Municipal Separate Storm Sewer Systems (MS4s) Permit Renewal

Small MS4 General Permit Renewal (Final General Permit – OHQ000004)

Current General Permit - OHQ000004

Issuance Date: April 1, 2021  
Effective Date: April 1, 2021  
Expiration Date: March 31, 2026

- [General Permit OHQ000004](#)
- [Public Notice](#)
- [Fact Sheet](#)
- [Responsiveness Summary to Comments Received](#)
- [Generic Renewal Notice](#)



**Complete and Submit  
Required NOI Forms**

#### PERMIT PROGRAMS

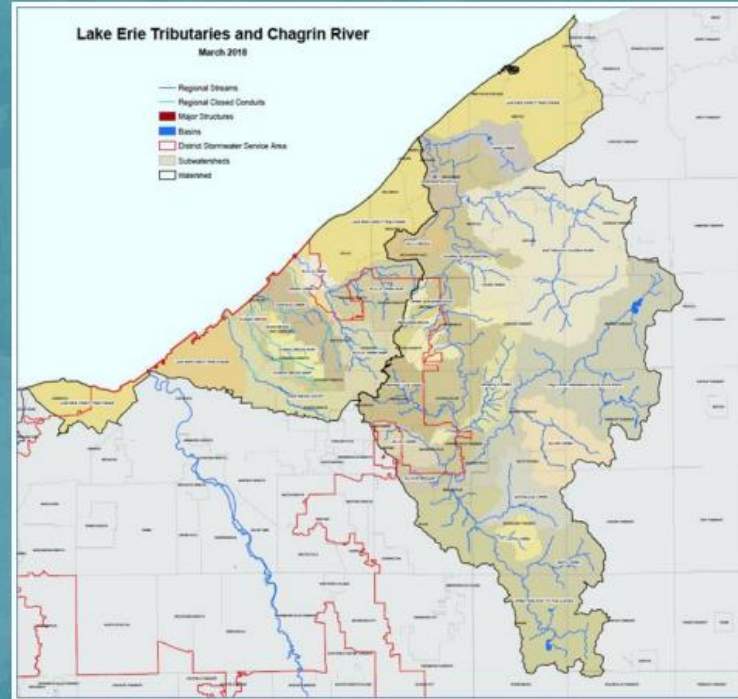
- ▶ [Individual Discharge Permits](#)
- ▶ [General Discharge Permits](#)



# Watershed Services – Grant Assistance & Management

**Northeast Ohio Regional Sewer District (NEORSD) Service Agreement - \$40,000 – Q1-3 Complete - \$23,378 Reimbursed**

## Stormwater Master Plan





# Watershed Services – Grant Assistance & Management

**Ohio Lake Erie Commission, Great Lake Restoration Initiative Grant - \$374,865 – Complete - \$235,059.71 Expended**



**Lake Erie  
Commission**

**Ohio EPA 319 Grant – Phase 1 - \$300,000 Awarded (2021 Fiscal), \$59,463 NEORSD Match Applied for Phase 2 (2022 Fiscal) - \$300,000**





# Mayfield Campus Grant





# Watershed Services – Grant Assistance & Management

## USFS GLRI Grant - \$215,933 – Revised Timeline



Project Schedule	
August- November 2021	Develop and issue RFP
December 2021	Proposals will be reviewed for understanding of project and technical qualifications as well as cost-effectiveness; Consultant selection in consultation with CRWP
January 2022	Award contract
January- March 2022	Site preparation (invasive species maintenance, brush hogging, etc.) ahead of reforestation work; Planting plans completed; Project signage designed; Permitting
March- May 2022	Planting installation; Project signage installation
June- September 2022	Post installation maintenance plan



# Planting Trees to Reduce Runoff in Ohio's Central Lake Erie Basin

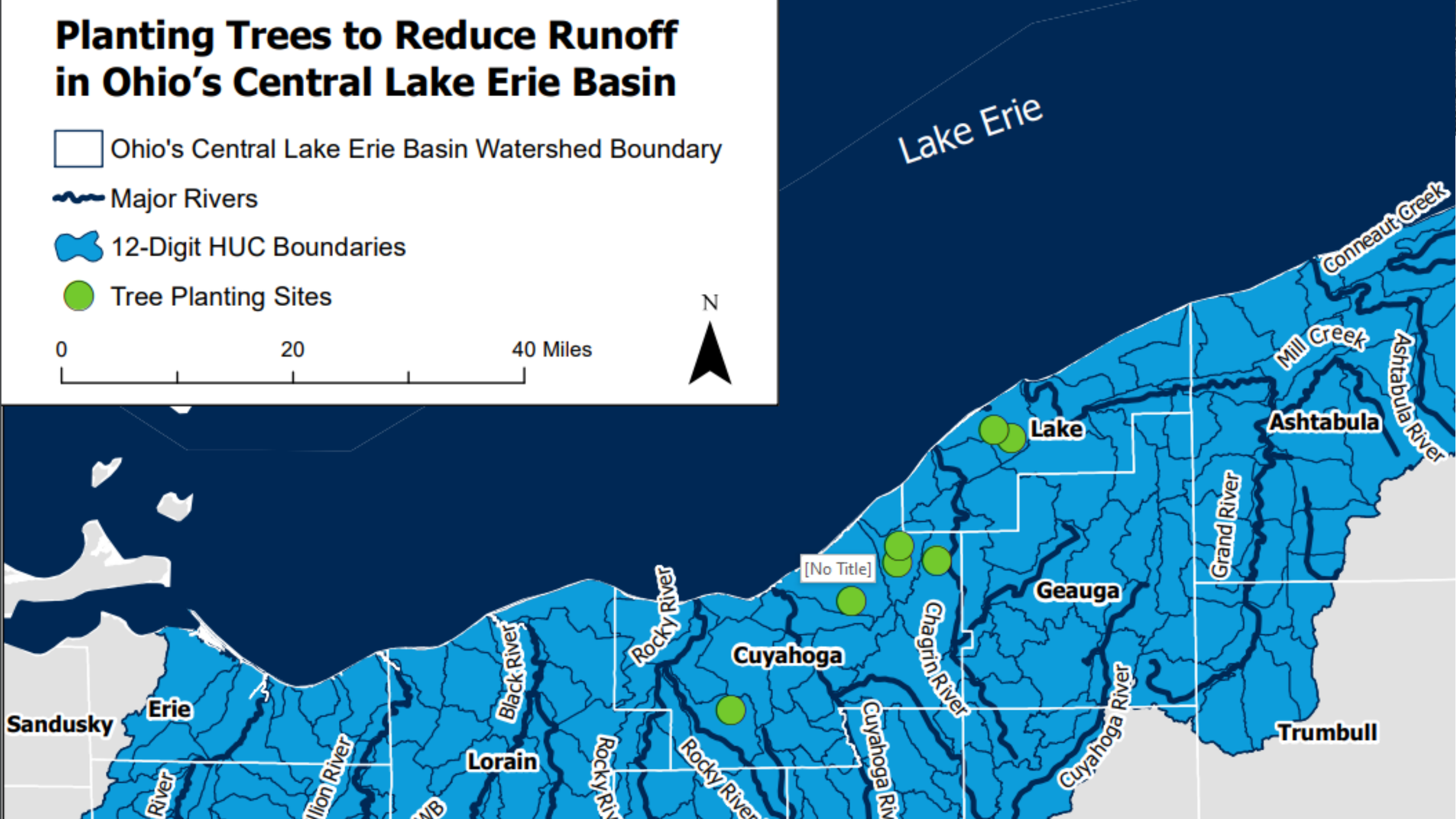
□ Ohio's Central Lake Erie Basin Watershed Boundary

~ Major Rivers

12-Digit HUC Boundaries

● Tree Planting Sites

0 20 40 Miles



# Watershed Services – Grant Assistance & Management

**Western Reserve Land Conservancy and Dominion 2020 Watershed Mini Grant Program - \$2,500 SWCD & \$1,500 FOEC - Complete**



Western Reserve  
Land Conservancy



**Dominion<sup>®</sup>**







WRLC/Dominion





WRLC/Dominion





WRLC/Dominion





# Watershed Services – Grant Assistance & Management

**William Bingham Foundation Grant - \$35,000  
– Complete**

**B** The William  
ingham Foundation

**OEEF - \$18,392 – First Quarter Complete**





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# Master Rain Gardeners

Northeast Ohio Master Rain Gardeners have installed over 100 rain gardens since 2019 that are capturing over 1,408,000 gallons of stormwater annually! Build your rain garden and add it to the map (click on the button below the map) to join the Master Rain Gardener ranks and receive your rain garden SWAG. Click on the upper left corner of the map to see the map legend and details.













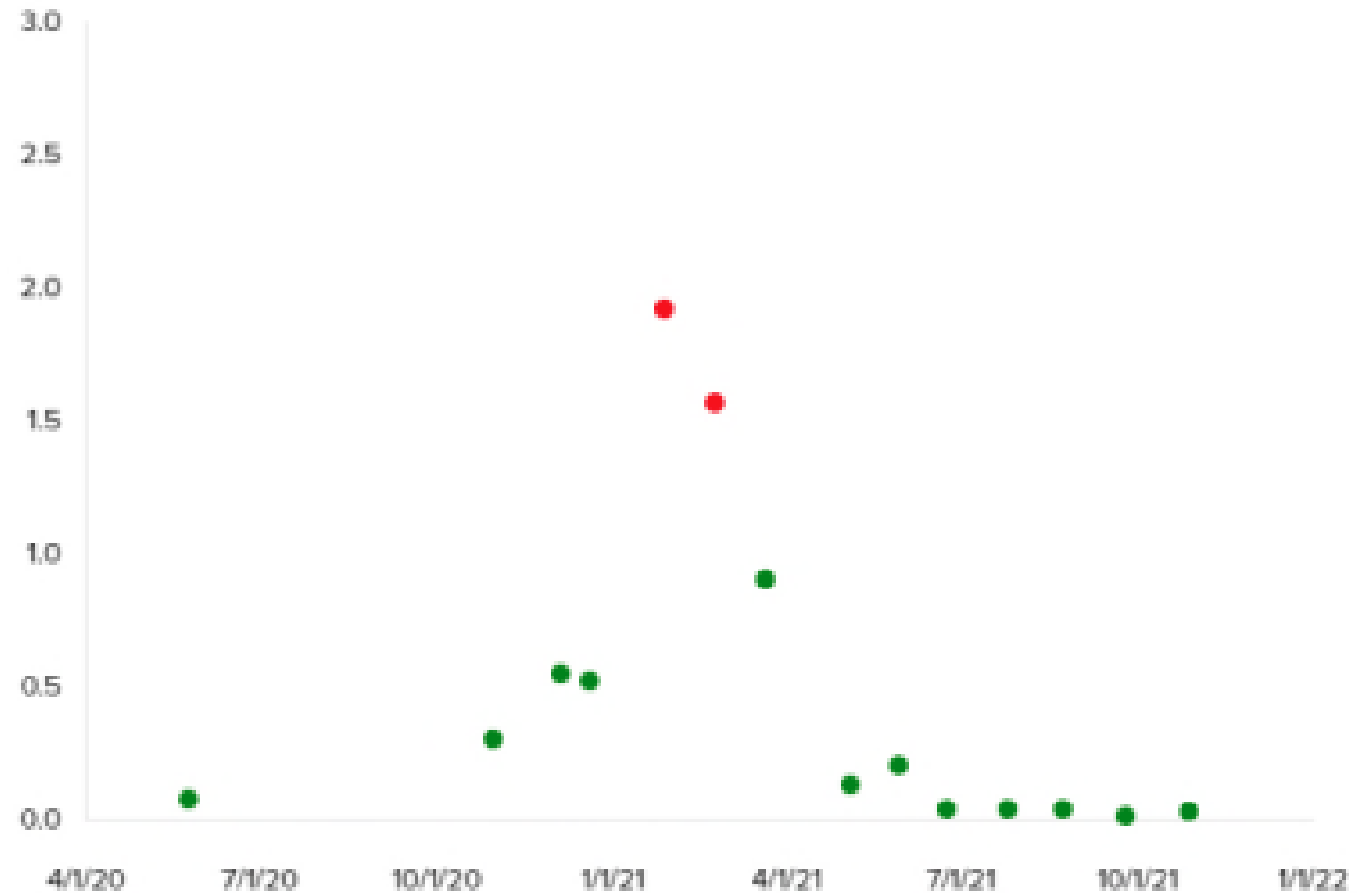
# Volunteer Monitoring Program

Ammonia **Pass**

Milligrams per Liter

Ammonia from colorimeter - in mg/L

● Pass  $x \leq 1.05$  ● Fail  $x > 1.05$





# PIPE Services - Stormwater Involvement and Education



## This Winter, Use the Right S.A.L.T. (Stuff, Amount, Location, Time)

\* Required

Email address \*

Your email

Please select your Use the Right SALT pledge options below. I pledge to... \*

- ☐ Only use rock salt (sodium chloride) above 15 degrees F.
- ☐ Spread only enough salt to do the job - one 12 ounce coffee mug full of salt is enough to effectively de-ice about 10 sidewalk squares.
- ☐ Spread salt only on the surfaces that need to be de-iced, and never on the lawn, at the base of a tree or right next to a stream or storm drain!
- ☐ Only apply salt right before the snow falls or right after snow is removed from my driveway or sidewalk - and never when rain is in the forecast.



If loving a storm drain is wrong,  
we don't want to be right.



## Green Yards and Healthy Homes A Guide to Sustainable Habitats in Northeast Ohio

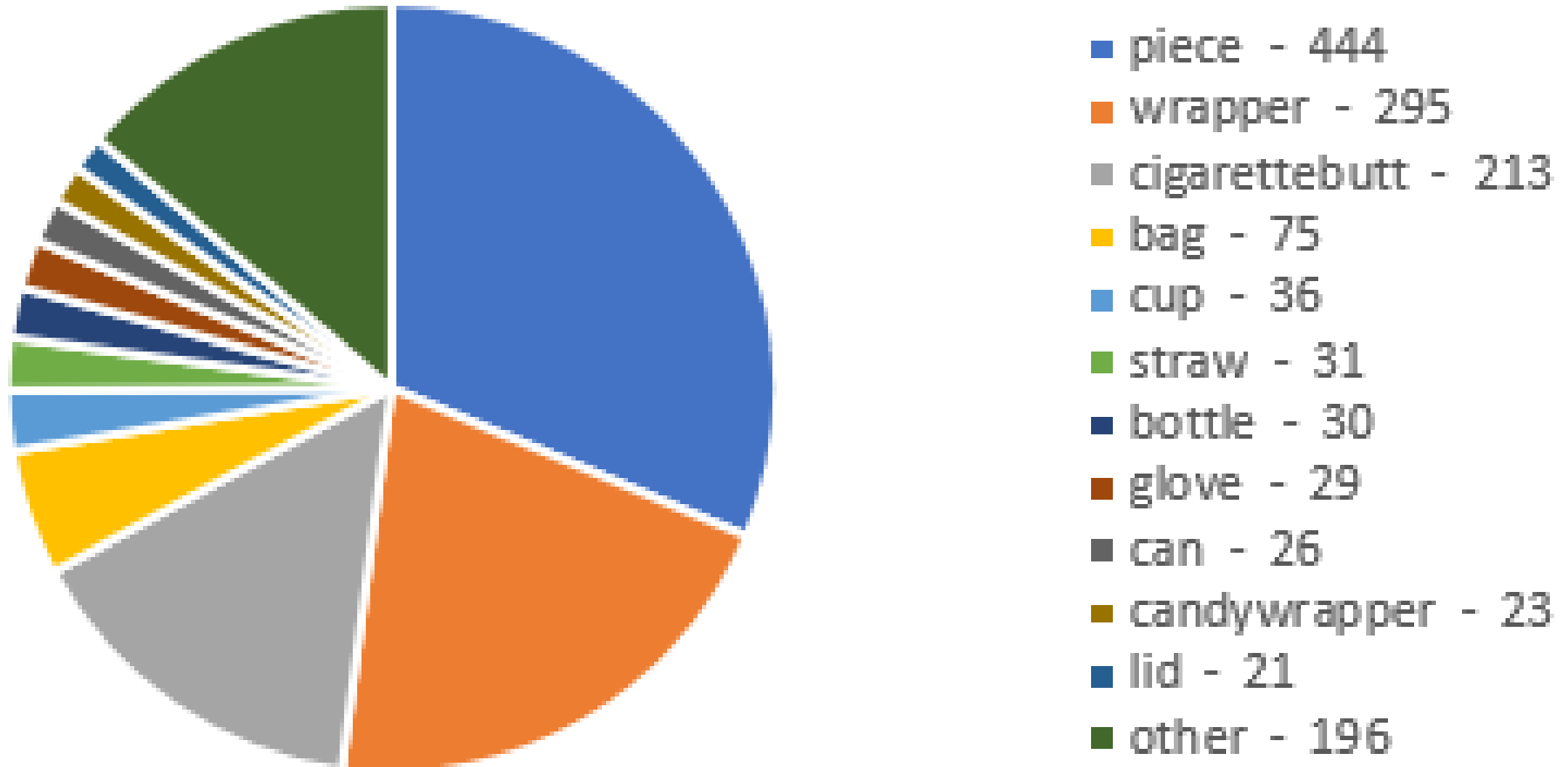




























## 2020-2021 Objects tagged near Acacia

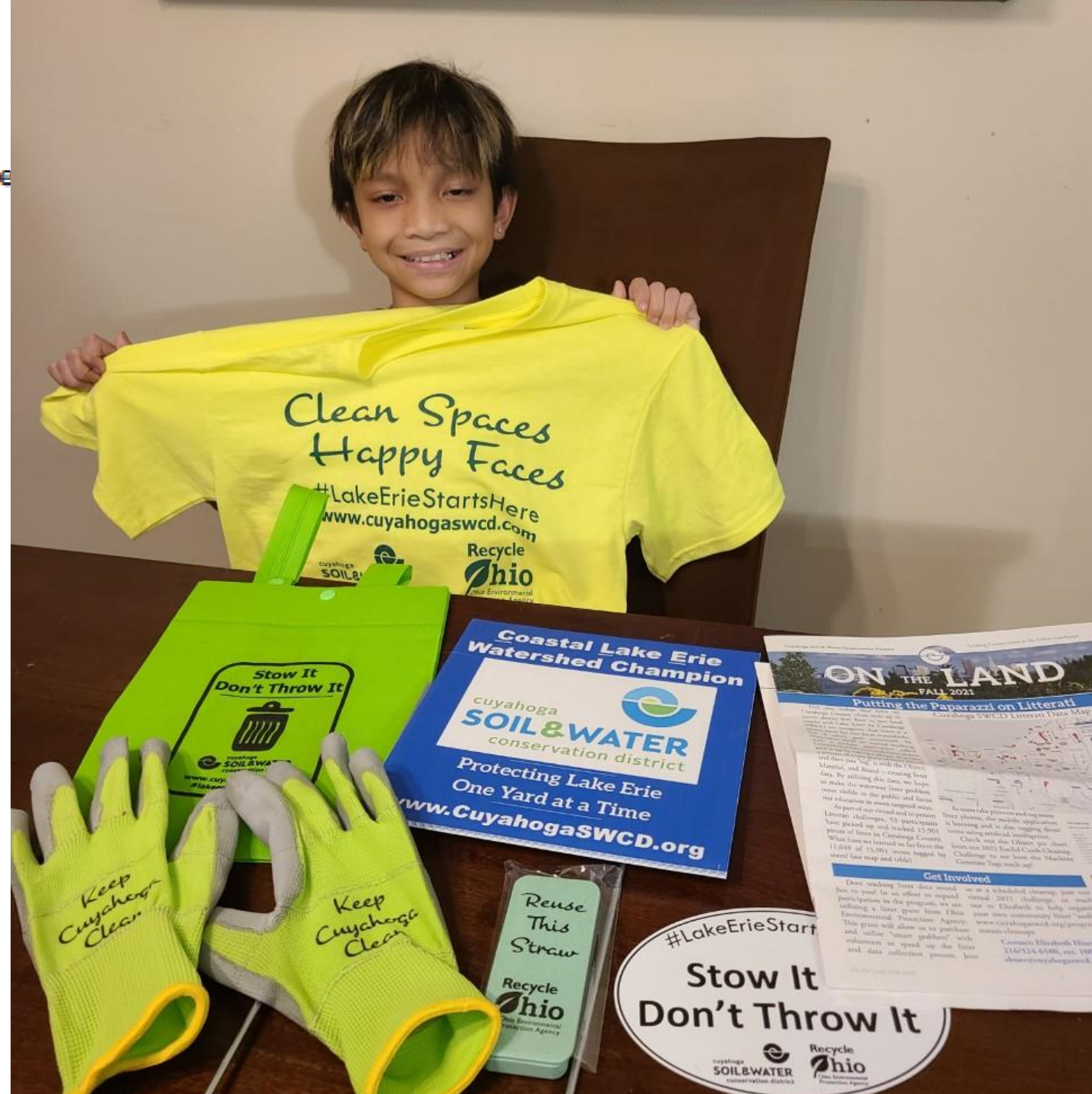




# Total Object Tags

☒ User Generated 
☒ Machine Generated

 piece (282)	 wrapper (287)
 wrapper (244)	 piece (283)
 cigarettebutt (220)	 cigarettebutt (251)
 bottle (119)	 bottle (126)
 bag (88)	 bag (125)
 bottlecap (64)	 bottlecap (66)
 cup (60)	 cup (64)
 facemask (53)	 tissue (47)
 can (41)	 can (41)
 tissue (35)	 lid (33)





# Additional Business



## Euclid Creek Watershed Program Partnership

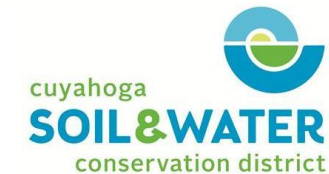
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# Friends of Euclid Creek





# Next Meeting



## Euclid Creek Watershed Program Partnership

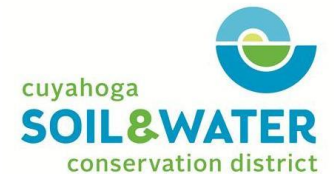
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# Questions:

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Cuyahoga Soil & Water Conservation District

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Website: [www.EuclidCreekWatershed.org](http://www.EuclidCreekWatershed.org)

# Thank You!

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cuyahoga  
**SOIL & WATER**  
conservation district

