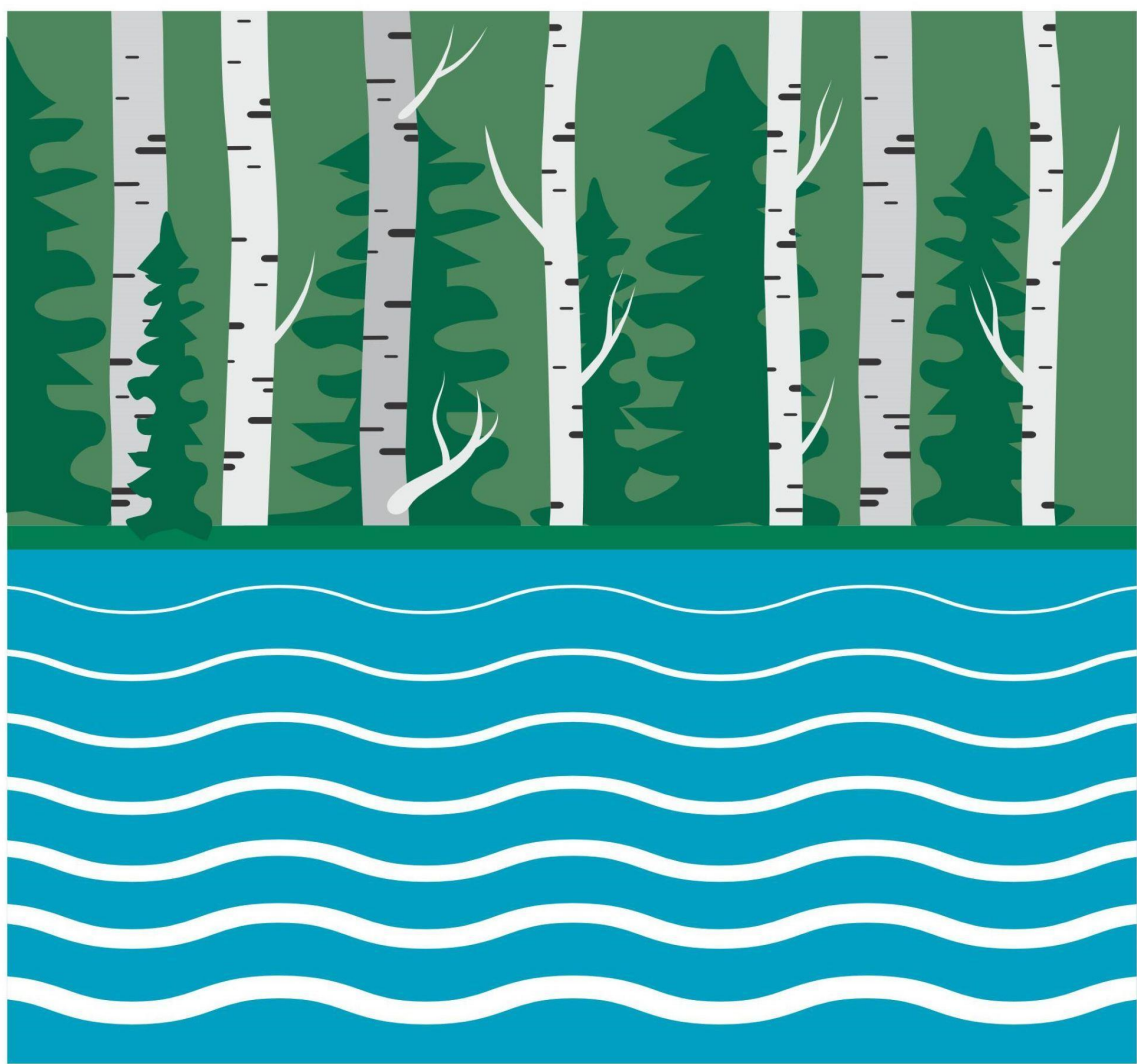


58th Little Traverse Lake Association Annual Meeting

August 1, 2026



Agenda:

Call to Order

Moment of Silence

Board of Director Elections

Treasurer's Report

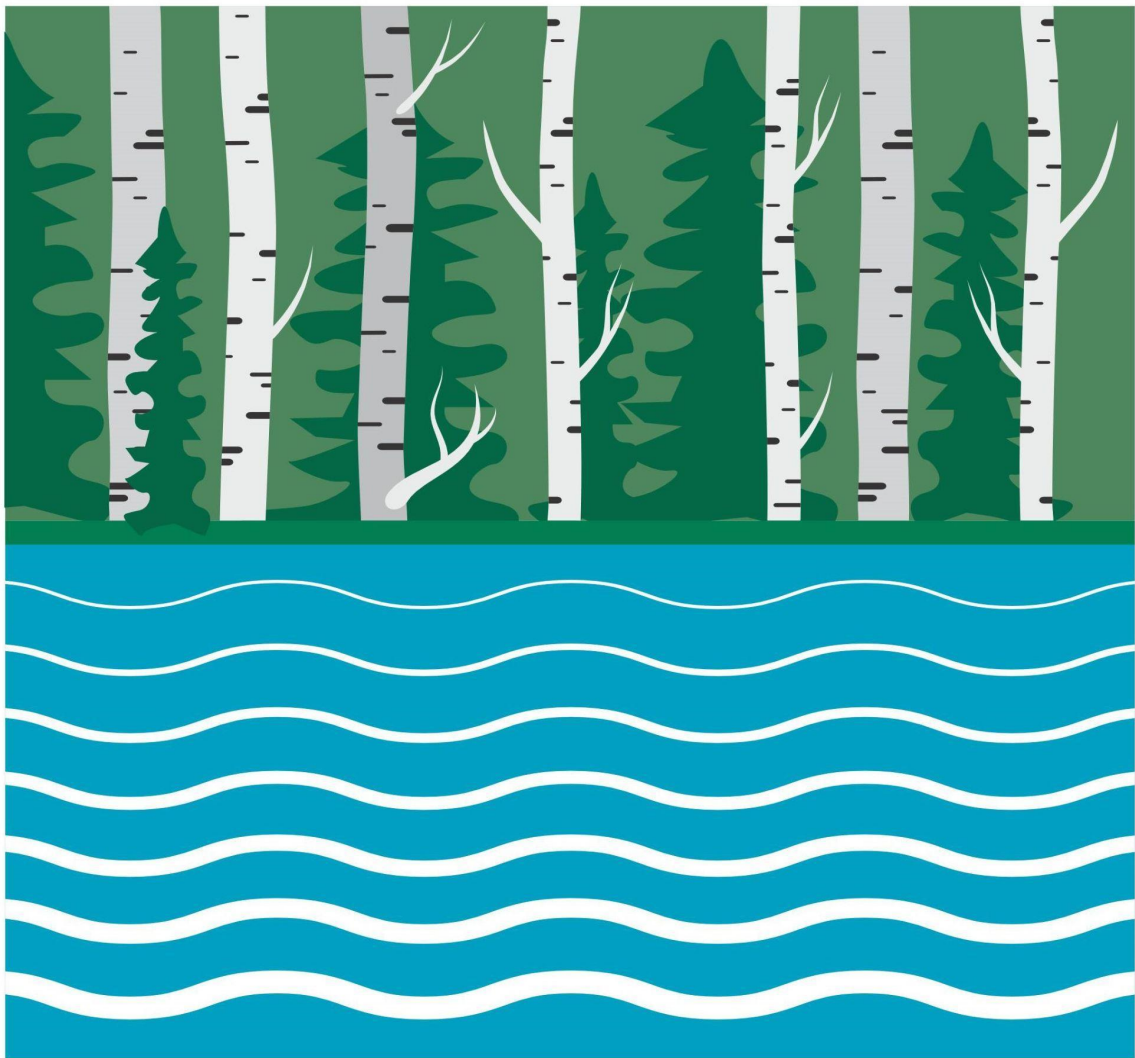
Cleveland Township Supervisor

LCRC Manager

Updates

- Water Level Actions
- Traverse Lake Road
- Invasive Species
- Greenbelt
- Water Quality
- Communications and Engagement
- Member Comment

CLEVELAND TOWNSHIP HALL | AUGUST 1, 2026





Treasurer's Report

Beth Stephens

LITTLE TRAVERSE LAKE ASSOCIATION ANNUAL MEETING
AUGUST 1, 2026



Cleveland Township Update

Tim Stein, Supervisor

Brendan Mullane, LCRC Manager

LITTLE TRAVERSE LAKE ASSOCIATION ANNUAL MEETING

AUGUST 1, 2026



Water Level

Michael Grover

LITTLE TRAVERSE LAKE ASSOCIATION ANNUAL MEETING
AUGUST 1, 2026

Recent Actions to Manage Water Levels



- LTLA Board letter of support to Cleveland Township, Leelanau County Road Commission, National Park Service, and Michigan Dept. of Environment, Great Lakes, and Energy, supporting installation of new culverts under Traverse Lake Road and development of new NPS policy regarding beaver dam removals.
- July 26, 2026, removal of two dams on Shalda Creek, one between Traverse Lake Road and CR669/Bohemian Road, and another downstream from CR669/Bohemian Road.
- Continuous monitoring and analysis of water levels at Lime Lake, Little Traverse Lake, and Shalda Creek at two locations.



Improving Safety on Little Traverse Lake Road

David Skjaerlund

**LITTLE TRAVERSE LAKE ASSOCIATION ANNUAL MEETING
AUGUST 2, 2026**



Changing Driving Behaviors



WE are responsible!

Be aware

Slow down

Give space

Swing wide

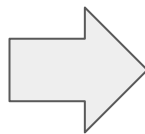
Wave hello

Enjoy the drive!

**LET'S
LOWER
ROAD SPEED**

Drive Friendly!

Lowering TLR Speed Limit



H.B. 4137

The ability to round speed limit down from the 85th percentile

30?

Non-Vehicular Road Use



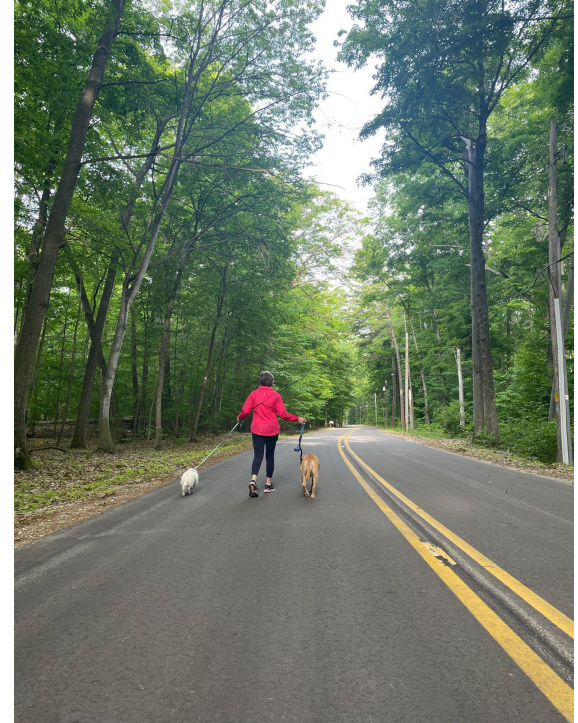
Stay visible! Wear bright clothing

Walk against traffic on left side of road

Ride bikes with traffic on right side of road

Single file when cars present

Thank drivers with a wave!



Sight Distance Requirements For Safety

Quick Charts for Stopping Sight Distance

Two factors:

Speed
Stopping Distance

Road Limitations
Curves
Vegetation

Design Speed (mph)	Stopping Sight Distance (ft)	Rate of Vertical Curvature, K*	
		Calculated	Design
15	80	3.0	3
20	115	6.1	7
25	155	11.1	12
30	200	18.5	19
35	250	29.0	29
40	305	43.1	44
45	360	60.1	61
50	425	83.7	84
55	495	113.5	114
60	570	150.6	151
65	645	192.8	193
70	730	246.9	247
75	820	311.6	312
80	910	383.7	384

Improving Sight Distance

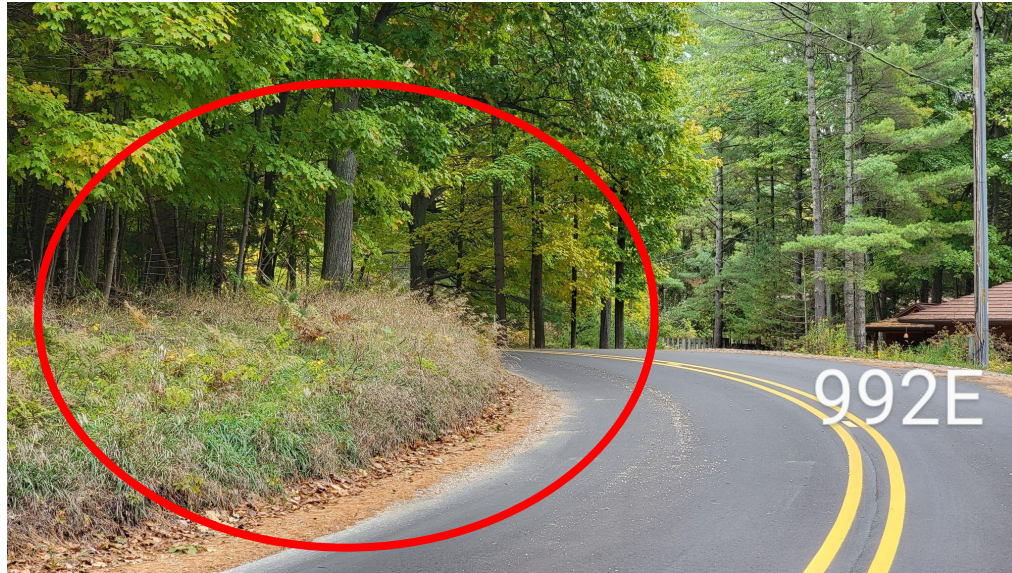


Before



After

Improving Opportunity #1



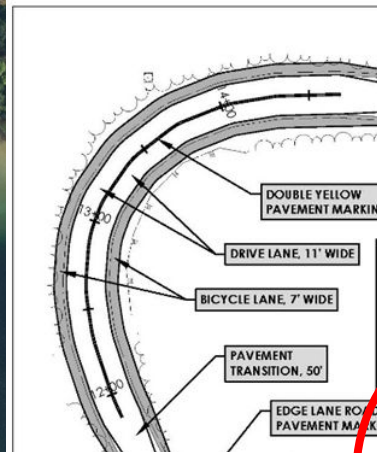
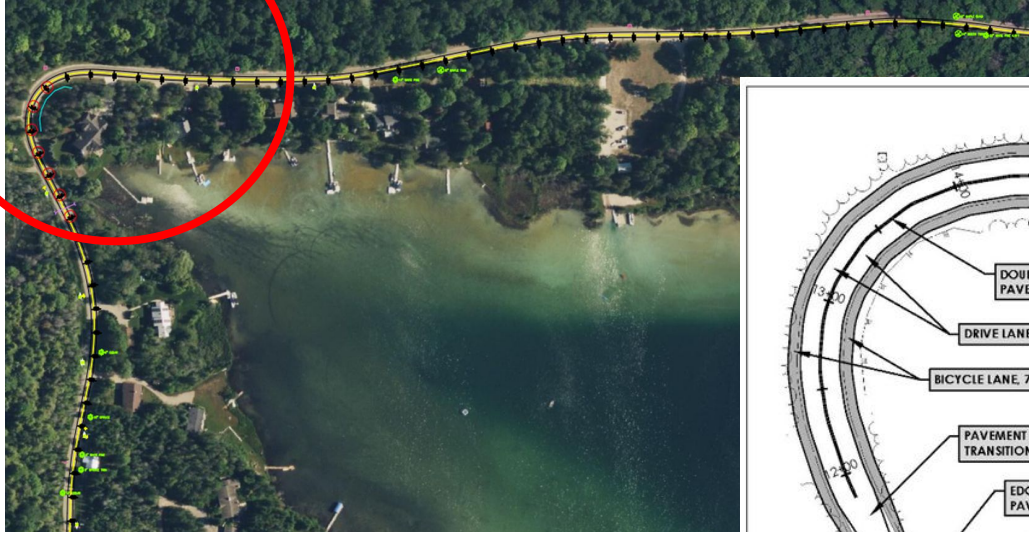
LCRC Berm Removal



Frequent crossing by families

Slow down around curves!

Improving Opportunity #2



Keep vegetation clear & add safety lanes

GOT YOUR LTL SWAG YET?



**Customize your
own look!**



ORDER YOUR LTL MERCHANDISE NOW!

www.LittleTraverseLake.org

<https://little-traverse-lake-association.spiritsale!.com/>

Choose your product, your style, your color and your design theme!



Choose Product

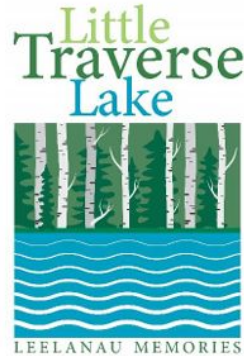
Choose Style

Choose Size

Choose Color

Choose Design

Allow 2 weeks





Invasive Species Committee

Jeff Shutz, Chair (David Skjaerlund)

LITTLE TRAVERSE LAKE ASSOCIATION ANNUAL MEETING
AUGUST 1, 2026

Terrestrial Invasive Species



Purple Loosestrife



Phragmites



Yellow Flag Iris



European Marsh Thistle



Aquatic Invasive Species



Eurasian Watermilfoil



***None at
present***

Starry Stonewort



eDNA Technology

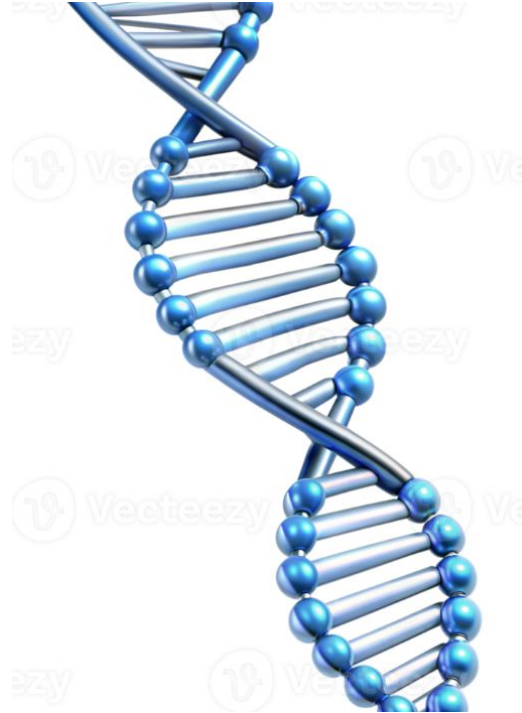


Not Detected

- Eurasian Watermilfoil
- Spiney Waterflea
- Quagga Mussel
- New Zealand Mud Snail
- Chinese Mystery Snail
- Red Swamp Crayfish
- Marbled Crayfish
- Rusty Crayfish
- Northern Crayfish*

Detected

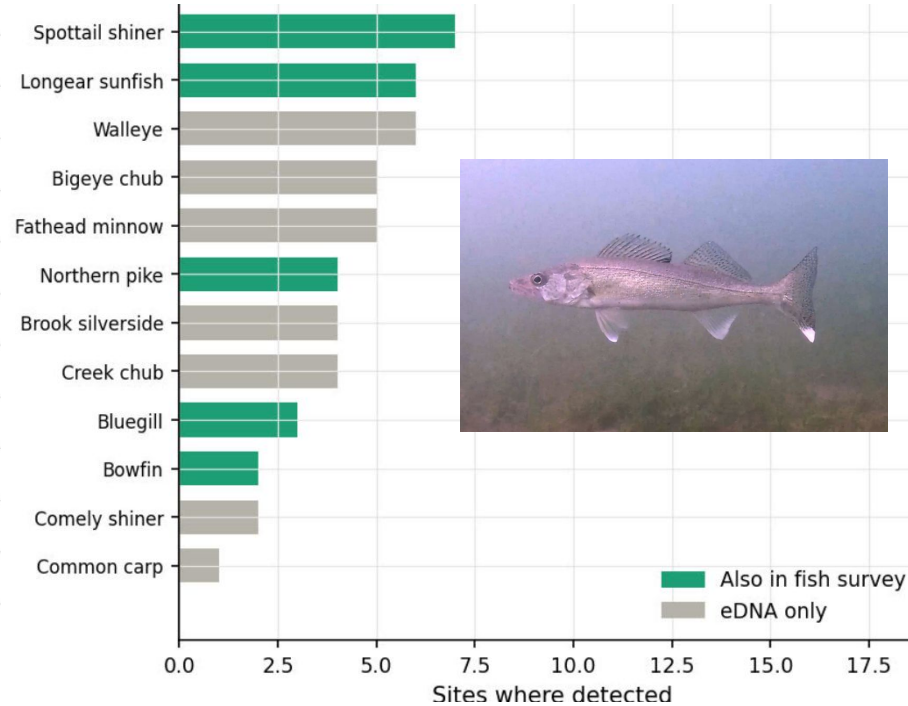
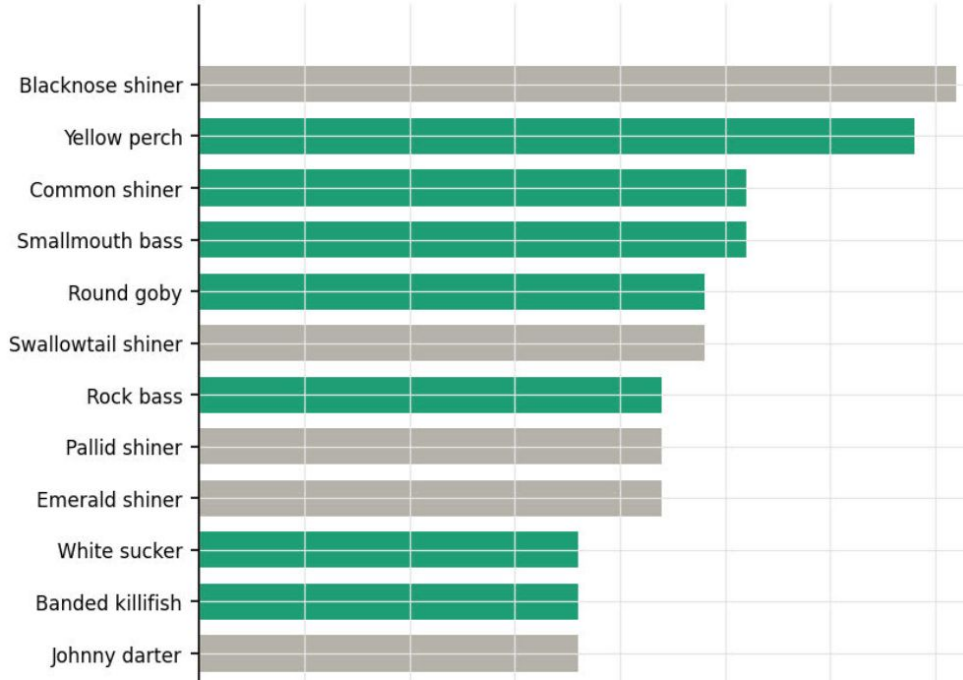
- Zebra Mussel



eDNA Technology



Little Traverse Lake



eDNA Technology



BIODIVERSITY

**44 different aquatic
and terrestrial plants**

**40 aquatic
invertebrates**

Samples at five locations

Not present

- HF 183 (Human fecal pollution)
- Anatoxin (Cyanobacteria neurotoxin)

Present

- Enterococcus (Animal fecal pollution)
- Microcystin (Cyanobacteria toxin)

Early Detection Drone Survey

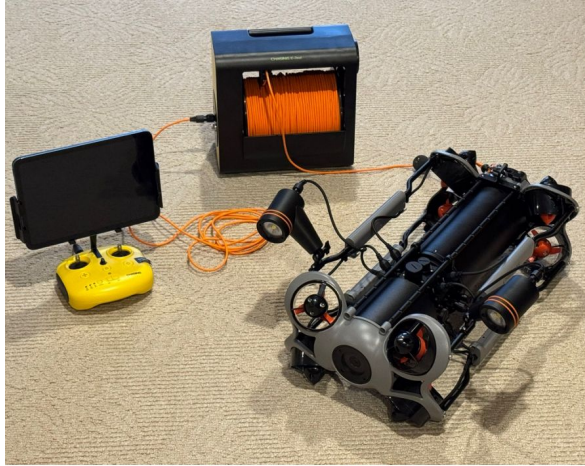


Figure 10. Underwater ROV System

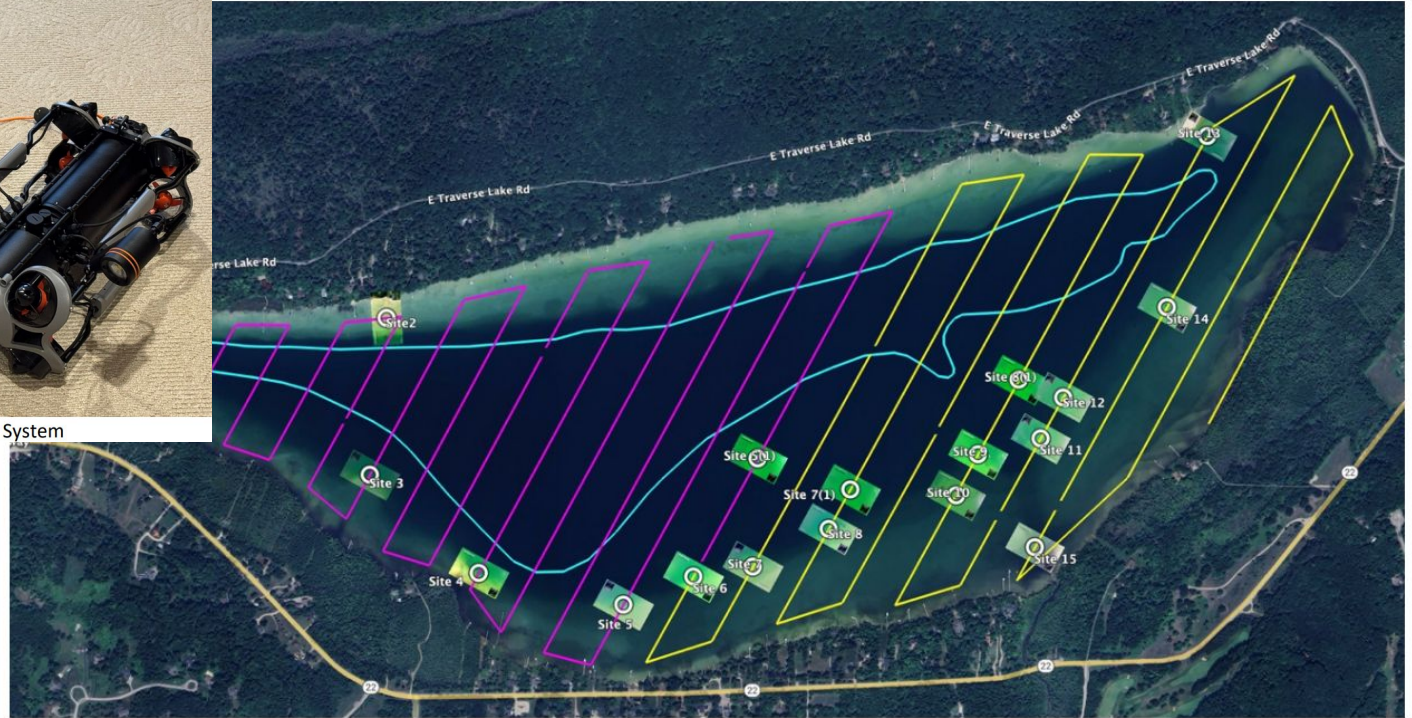


Figure 1. Grid Pattern of Flights, 18 Sites of Interest, 30Ft. Depth Contour

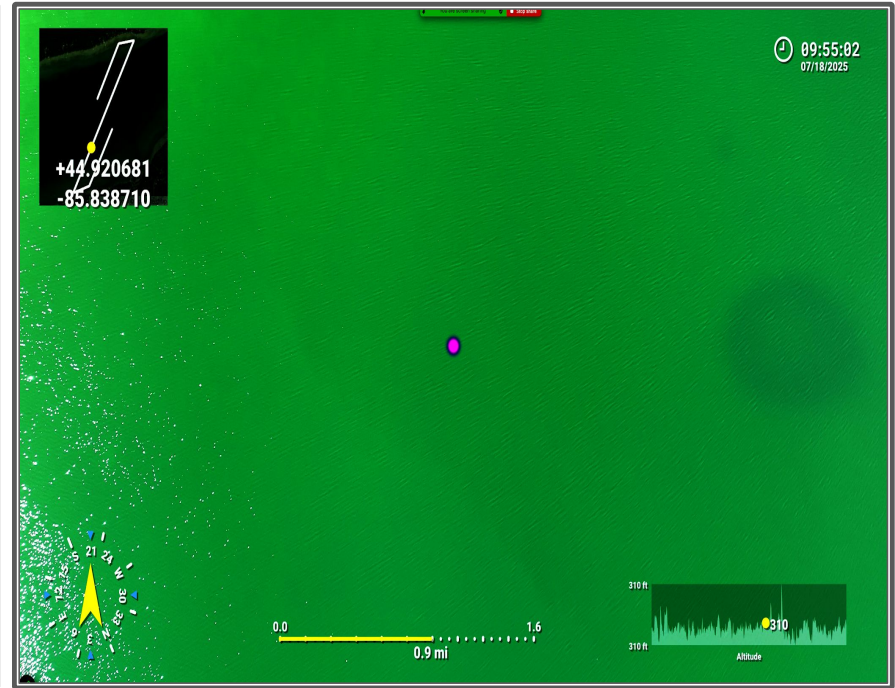
Early Detection Drone Survey



Before Photo Enhancement



After Photo Enhancement



Early Detection Drone Survey



Figure 5. Freshwater sponge mixed among pondweed and chara

Boat Cleaning Station





Greenbelt Program

Jan Roddy

LITTLE TRAVERSE LAKE ASSOCIATION ANNUAL MEETING
AUGUST 1, 2026



Water Quality Committee

Carolyn Tabion & Tom Lauer

LITTLE TRAVERSE LAKE ASSOCIATION ANNUAL MEETING
AUGUST 2, 2025



Communications & Engagement Committee

Paul Skiem & Carolyn Tabion

LITTLE TRAVERSE LAKE ASSOCIATION ANNUAL MEETING
AUGUST 1, 2026

Building the Foundation

Communications & Engagement Committee | 2026 highlights



WEBSITE & BLOGS

- Open to anyone visiting the site
- Greenbelts
- Aquatic and terrestrial invasive species
- Rising water levels



MEMBER COMMUNICATIONS

- 30 Mailchimp emails year to date
- 40 to 50% open rates
- Bear alerts, lost and found
- Events and township updates



STRATEGIC PLAN

- Executive summary and vision
- Three-year objectives, 2026-2028
- Communications excellence
- Website and blog posting policy

Sharing what matters to Members, without overwhelming them.

Our Communications Ecosystem

How information reaches Members, and how Members reach us



Our Vision for the Future

Where the Committee is heading, 2026-2028



Website Enhancements

Modern, informative, and easy to navigate.



Lost & Found Page

A home for routine notices, off Member inboxes.



Dial My Calls Alerts

Urgent notice when email is too slow.



Publishing Standards

Clear guidance on what warrants publication.



Greater Engagement

More participation, volunteers, and connection.

OUR GOAL

Members Informed • **Connected** • **Engaged**

Text Alert System



Purpose: Implementing a text-based notification system to share important information when it is needed the most.

Approach: Members can receive text alerts from LTLA, and once the system is in place and opt in or opt out at any time.

Frequency: Text messages for urgent situations are expected to be sent only a few times a year.

Call for Support: To make this successful, we are looking for a small group of volunteer administrators that spend significant time at the lake and are often among the first to know about local events.. This group will be trained on how to initiate alerts when needed. The overall commitment is expected to be minimal.

Little Traverse Lake Association Member Comment

CLEVELAND TOWNSHIP HALL | AUGUST 1, 2026

