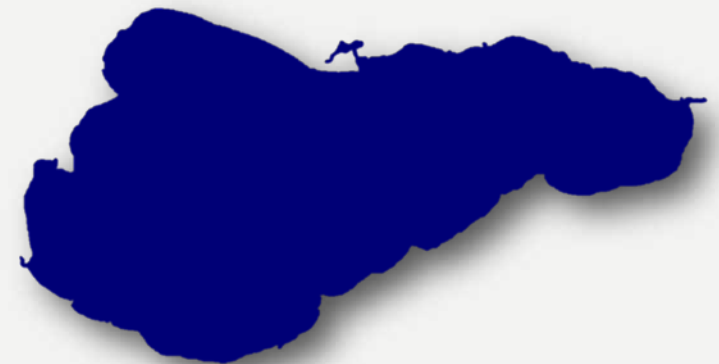


INTRODUCTION

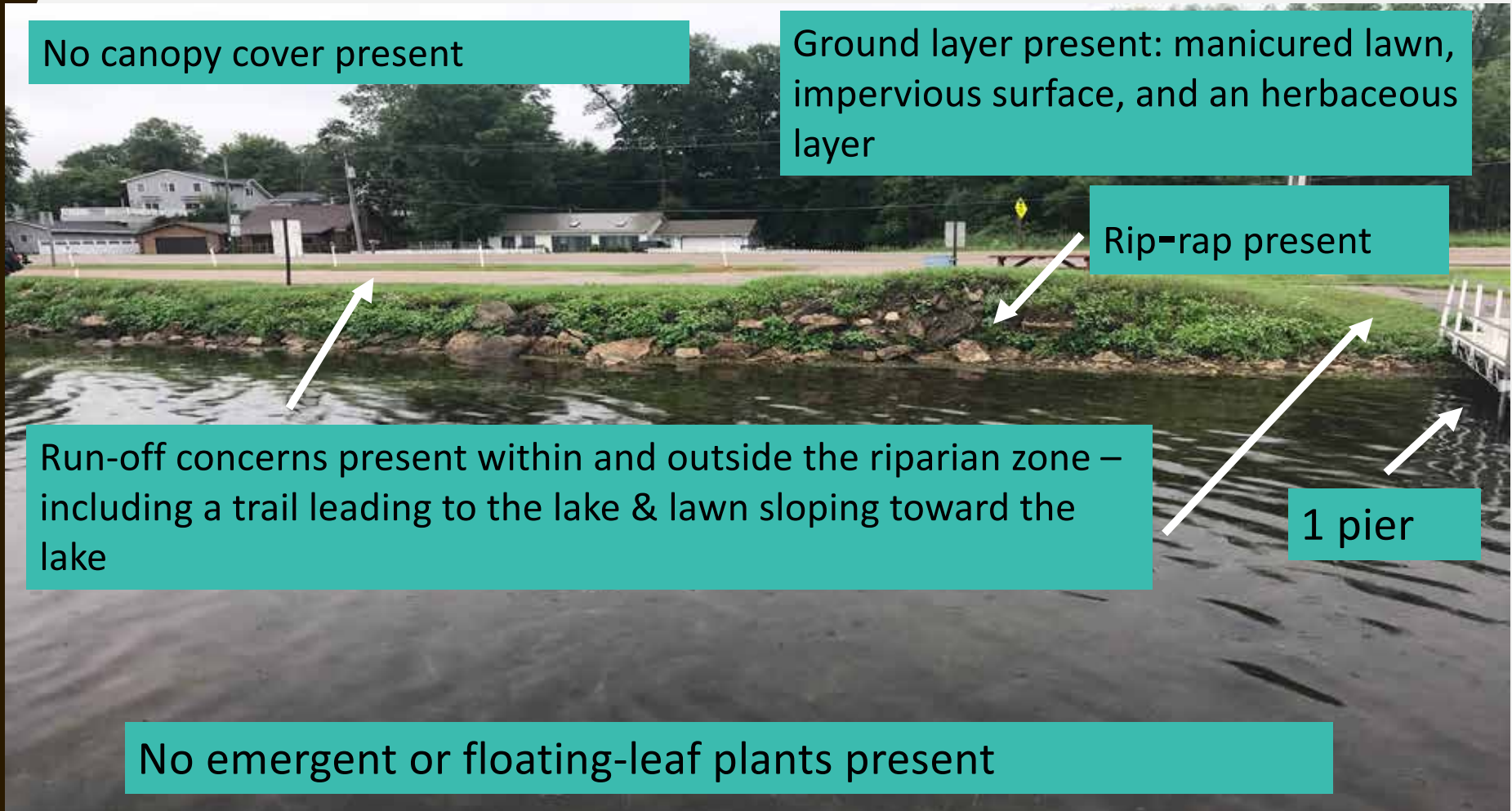


Shawano Lake
6,215 acres
39.5 feet deep
18.1 miles of shoreline

- Partnership between Fox-Wolf Watershed Alliance and Waterways Association of Menominee Shawano Counties
- Complete shoreline surveys on lakes around Shawano County using WDNR Lake Shoreland & Shallows Habitat Monitoring Field Protocol
- Completed Shawano Lake shoreline survey over 3 weeks in 2019
 - Volunteer from SAWM assisted
 - 50 hours
 - 1,003 parcels assessed



WDNR LAKE SHORELAND & SHALLOWS HABITAT MONITORING FIELD PROTOCOL



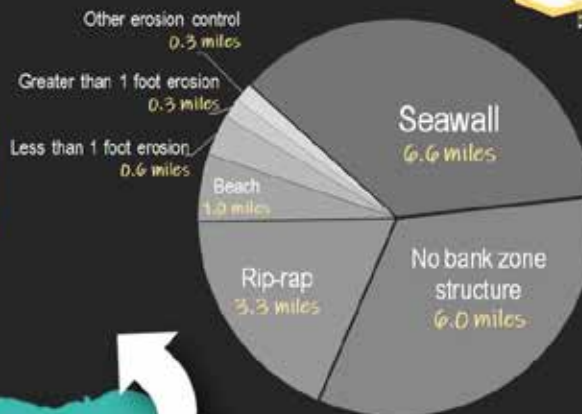
Shawano Lake Shoreline Survey 2019 RESULTS

Present around

820 Piers
558 Boat Lifts
78 Beaches
9 Swim Rafts
4 Boat Houses

Shawano Lake

Riparian Zone Composition



Riparian zone was the focus of the survey

- 1,003 tax parcels surveyed
- 18 miles of shoreline
- 50 hours to complete survey

- Emergent plants found at **184** parcels
- Floating-leaf plants found at **158** parcels
- Coarse woody habitat at **8** parcels

Suggestions:

- Add rain gardens
- Decrease impervious surface
- Decrease manicured lawn by planting native plants
- Add more coarse woody habitat to Shawano Lake to improve fish habitat
- Restore areas with erosion concerns by stabilizing then planting with native plants

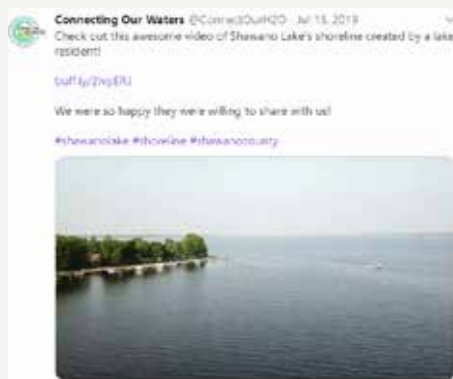
OUTREACH AND EDUCATION

- Published blog posts
- Sent out press releases
 - 3 on air interviews, number of newspaper articles
- Lots of social media posts
- Attended Shawano Area Waterways Annual Meeting prior to survey
 - Followed up with board after survey
- Hosted shoreline restoration workshop on Shawano Lake



Shawano Lake Shoreline Survey Results

The Shawano Lake shoreline survey was completed from June 25th, 2019 to July 12th, 2019 by Connecting Our Waters. A total of 1003 parcels were surveyed, equaling about 18 miles of shoreline. This survey



Join us on July 30th!

SHORELINE RESTORATION WORKSHOP

Where: Whispering Pines Retreat (W5335 Lake Drive Shawano, WI 54166)
When: 6:00-7:30 p.m.

- Introduction of programs—WAMSCO & Connecting Our Waters
- Wild Ones—The Wolf River Chapter will discuss the importance of native plants, and the group's efforts in Shawano County
- Potential cost-share in Shawano County for homeowners
- Whispering Pines Retreat shoreline restoration project discussion & tour

This is a free event! RSVP and receive a free gift!

RSVP: wamsc.org or www.nwra.org
 or call 920-851-6472

through to you by: Great prices donated from

CONCLUSIONS

Emily Henrigillis

emily@fwwa.org

920-851-6472

- Results of the survey concluded that more native plantings and habitat are needed around Shawano Lake
- Impervious surfaces were prevalent around Shawano Lake. If possible, it is suggested that these structures be removed. If that is not possible then best management practices to promote infiltration and reduce run-off into the lake should be installed.
- Properties that have low energy shorelines – little wind or wave action – should consider removing their seawalls and replacing them with native plantings and rip-rap.
- A large presence of piers and boat lifts were found around Shawano Lake. Piers and boat lifts discourage natural habitat, so promoting wood and aquatic plant habitat in areas between these structures is especially important.
- Areas with quality habitat – native plants, low disturbance – should be preserved
- Increase coarse woody habitat presence
- SAWM has applied for a Healthy Lakes grant to promote native plantings and habitat