

Pleasant Lake Improvement Association General Membership Meeting August 18th, 2018

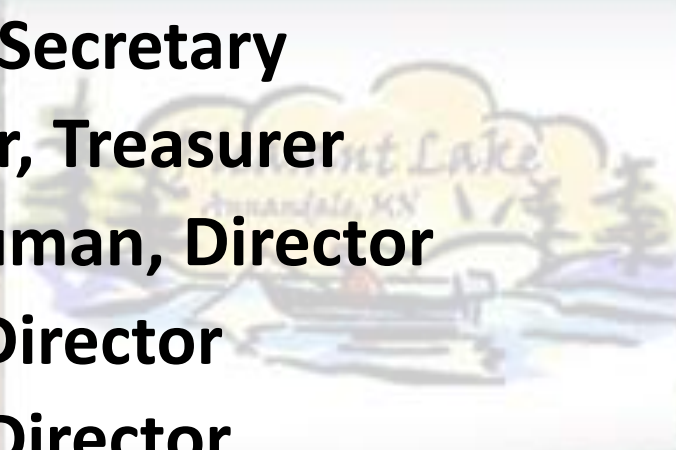


Agenda

- **Welcome and Introductions - Jeff Harkman**
- **Treasurers Report- Steve Miller**
- **Membership Update- Steve Miller**
- **Invasive Species Update and Treatment Plan- Kevin Bergstrom**
- **Water Quality Fundraising Update – Jim Kelso**
- **Wright County Regional Inspection Program- Dave Boie**
- **Q&A-All**
- **Close**
- **Picnic**

PLIA-Board of Directors

- Jeff Harkman, President
- Kevin Bergstrom, Vice President
- Dave Boie, Secretary
- Steve Miller, Treasurer
- Brenda Bauman, Director
- Jim Kelso, Director
- Ed Mader, Director
- John Sedey, Director
- Dave Lundberg, Director



Treasurer's Report

- Steve



Invasive Species Update and Treatment Plan

- Kevin



Aquatic Invasive Species (AIS)

- **Currently have three AIS**

- Curlyleaf Pondweed
- Eurasian Watermilfoil
- Starry Stonewort

- **Reduced Funding Sources AIS control**

- DNR eliminated funding for management
- Wright county reduced funding – Curlyleaf Pondweed



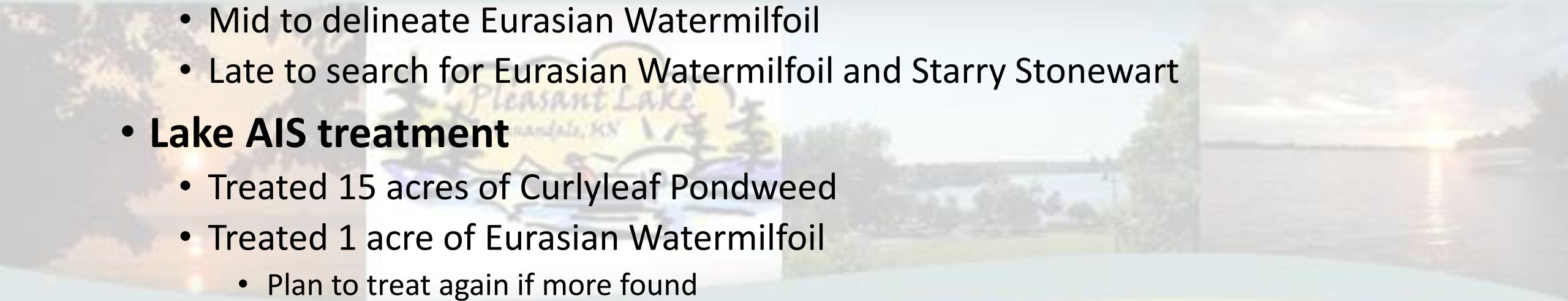
AIS Management

- **Lake Survey**

- Early to delineate Curlyleaf Pondweed
- Mid to delineate Eurasian Watermilfoil
- Late to search for Eurasian Watermilfoil and Starry Stonewort

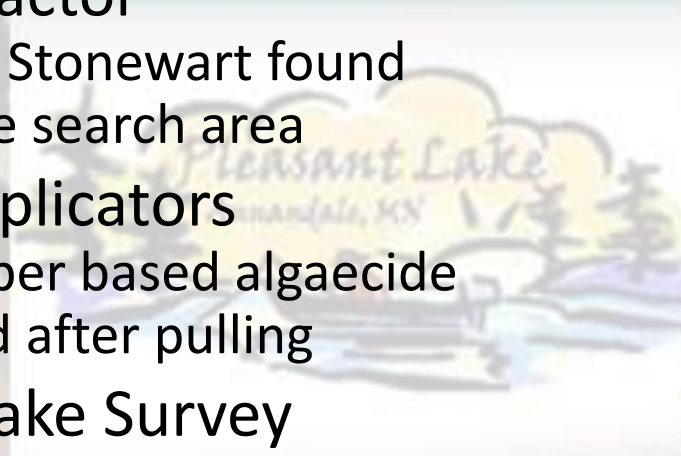
- **Lake AIS treatment**

- Treated 15 acres of Curlyleaf Pondweed
- Treated 1 acre of Eurasian Watermilfoil
 - Plan to treat again if more found



Starry Stonewart

- Found in front of N Landing (County)
 - At this time it is a relatively small area about 30 square feet
- Diving contractor
 - Pull Starry Stonewart found
 - Expand the search area
- Chemical applicators
 - Apply copper based algaecide
 - Completed after pulling
- Additional Lake Survey
 - DNR – No more found
 - Diving contractor
 - Freshwater



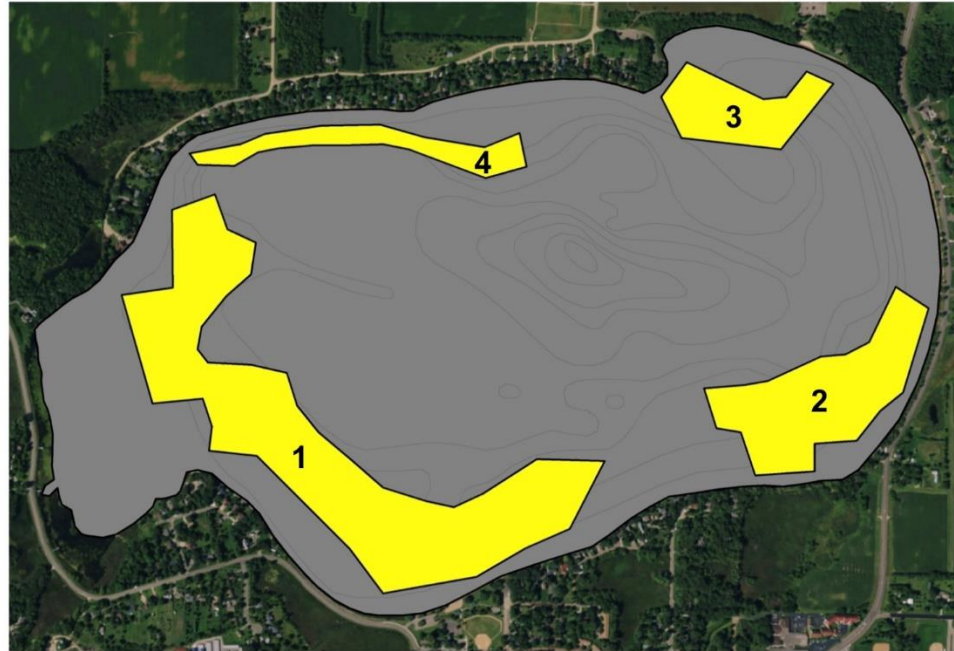
Starry Stonewart

- DNR grant money will cover costs this year
- Wright county is covering some of the cost of additional lake survey
- The DNR **will not** cover ongoing management costs in years to come



Curlyleaf Pondweed

2018 Lake-Wide Delineation of Curlyleaf Pondweed Pleasant Lake (# 86-0251)



The management plots shown above cover a substantial portion of the lake (~128 acres). Based upon the lake's littoral area (260 acres; DNR Lakefinder) and the DNR's 15% littoral rule, any treatments would be limited to a total area of 39 acres. Given this limitation, the lake group will need to consider which areas within the plots shown above most impact lake-use, and then focus any treatment on those areas (navigation channels, waterski areas, public access sites, etc.)

CLP Management Plots

Plot	Acres	Mean Depth (ft)	Mean CLP Density (0-3)
1	74.8	10.3	2.6
2	28.2	10.4	2.2
3	13.6	9.5	2.7
4	10.9	10.0	2.2

Total 127.5

Surveyed: June 1, 2018
Surveyor: JA Johnson
Methods: Visual, Rake, Sonar



Certified Lake Manager
www.NALMS.org

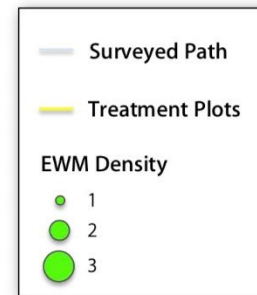
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Eurasian Watermilfoil

2018 Late-Spring Delineation of Eurasian Watermilfoil Pleasant Lake (# 86-0251)



Plot Area	1.0 acres
Mean Depth	3.5 ft
Mean EWM Density	1.5

Surveyed: June 18, 2018
Surveyor: JA Johnson
Methods: Visual, Rake, Sonar



Native Plant Taxa in Treatment Plot

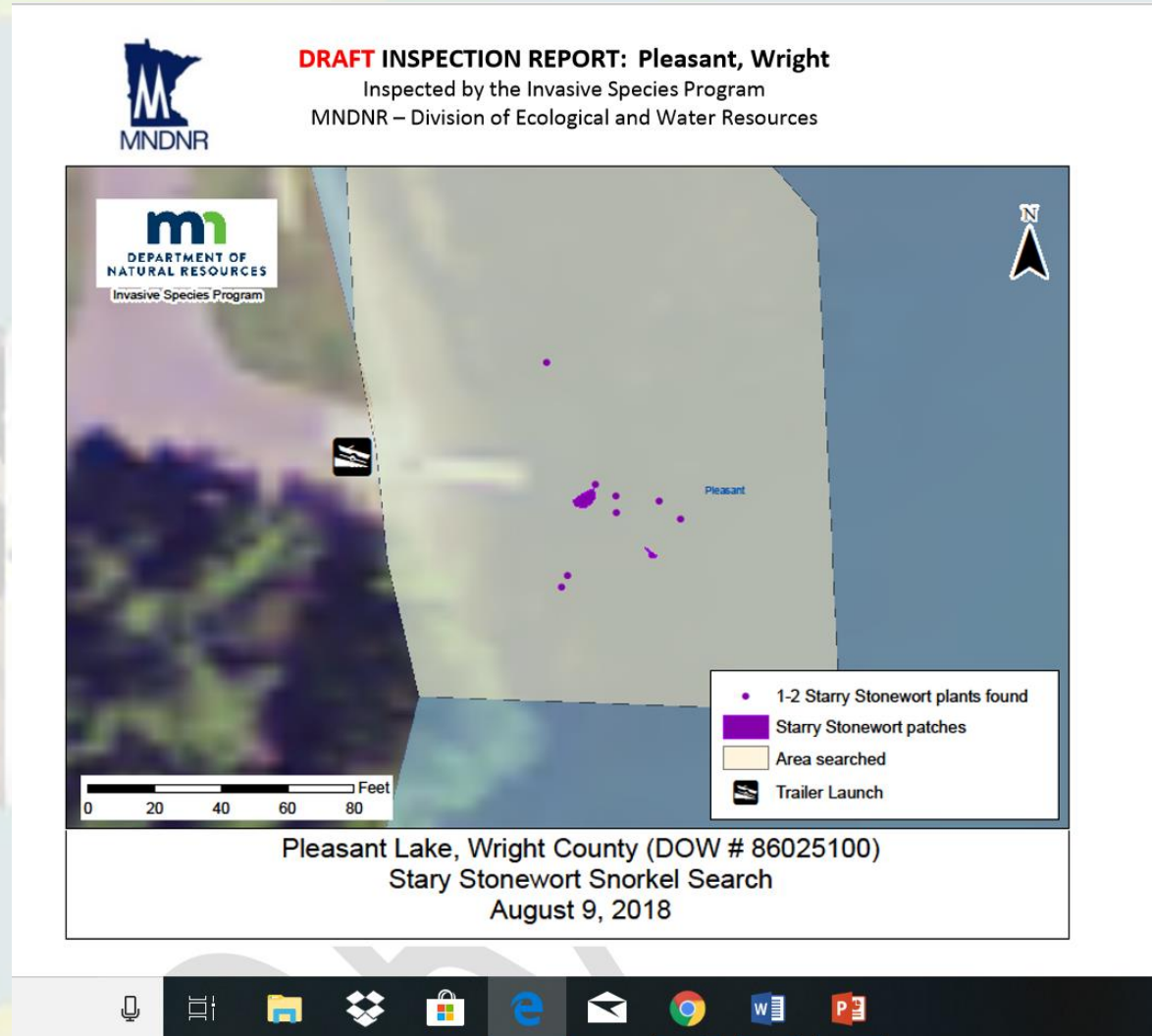
<i>Clasping-leaf Pondweed</i>	<i>Potamogeton richardsonii</i>	Abundant
<i>Coontail</i>	<i>Ceratophyllum demersum</i>	Abundant
<i>Northern watermilfoil</i>	<i>Myriophyllum sibiricum</i>	Common
<i>Common Bladderwort</i>	<i>Utricularia vulgaris</i>	Occasional
<i>White Water Crow-foot</i>	<i>Ranunculus aquatilis</i>	Occasional
<i>Water Lily</i>	<i>Nymphaea/Nuphar</i>	Occasional

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Starry Stonewort



We Need Your Help

- Check docks and lifts when pulled from the water for zebra mussels



Water Quality Improvement Fund Raising Campaign

- Jim



Water Quality Improvement Fund Raising Campaign

- August 20, 2017 through December 31, 2018: 1st Year Goal is \$25,000
- First Year actual to date \$22,674
- Five Year Goal: \$125,000



Donors

- | <u>Donor Level</u> | <u>Donation Amount</u> | <u># of Donors</u> |
|--------------------|------------------------|--------------------|
| • PREMIER | \$2,500 & ABOVE | 2 |
| • PLATINUM | \$1,500 - \$2,499 | 1 |
| • GOLD \$1,000 - | \$1,499 | 6 |
| • SILVER | \$ 500 - \$999 | 9 |
| • BRONZE | \$ 100 - \$499 | 14 |
| • SUPPORTER | Up to \$100 | 23 |
- The campaign kicked off at our 2017 the meeting and its first year will run through December 31, 2018 which gives Donors another year end to make tax deductible donations. It's important to remember our association's 501(c)(3) status when you consider your charitable giving. Your contributions over the following 4 years of the campaign will be combined to for Donor Level designations. For example, making a tax deductible donation of \$500 five different times during the full campaign will put you at our **Premier Donor Level**.

By The Numbers

- *55 AIS Fund Donations / 129 “LOTS”
- = 42.6% have helped, so far
- *\$22,674 Total (so far) / 55 Donors
- = \$412 average donation (regular mean)
- But if we remove the top 3 donors & the lowest 3,
- = \$267 average donation (90% “trimmed mean”)

Summary

- We're doing well - so far! Let's give ourselves a round of applause!
- We need to make our goal in each of the 5 years of the campaign!
- We need to get much closer to 100% participation. Encourage your friends and neighbors to help.
- The discovery of Starry Stonewort makes it even more important!
- In today's reality, Aquatic Invasive Species (AIS) can negatively impact our lakes very rapidly. Please consider making a donation to the Pleasant Lake Improvement Association's Water Quality Fund to help finance our efforts to fight AIS on Pleasant Lake today and into the future. As noted, our association is a 501(c)(3) non-profit organization, so your donations are tax deductible.
- THANK YOU VERY MUCH!

WRIP Update

- Dave



How it works?

1. Lake User goes to Regional Inspection station BEFORE the lake access.
2. Their equipment is inspected.
 - A decontamination unit is available if necessary or desired.



How it works?

4. A zip-tie seal is placed on the equipment.

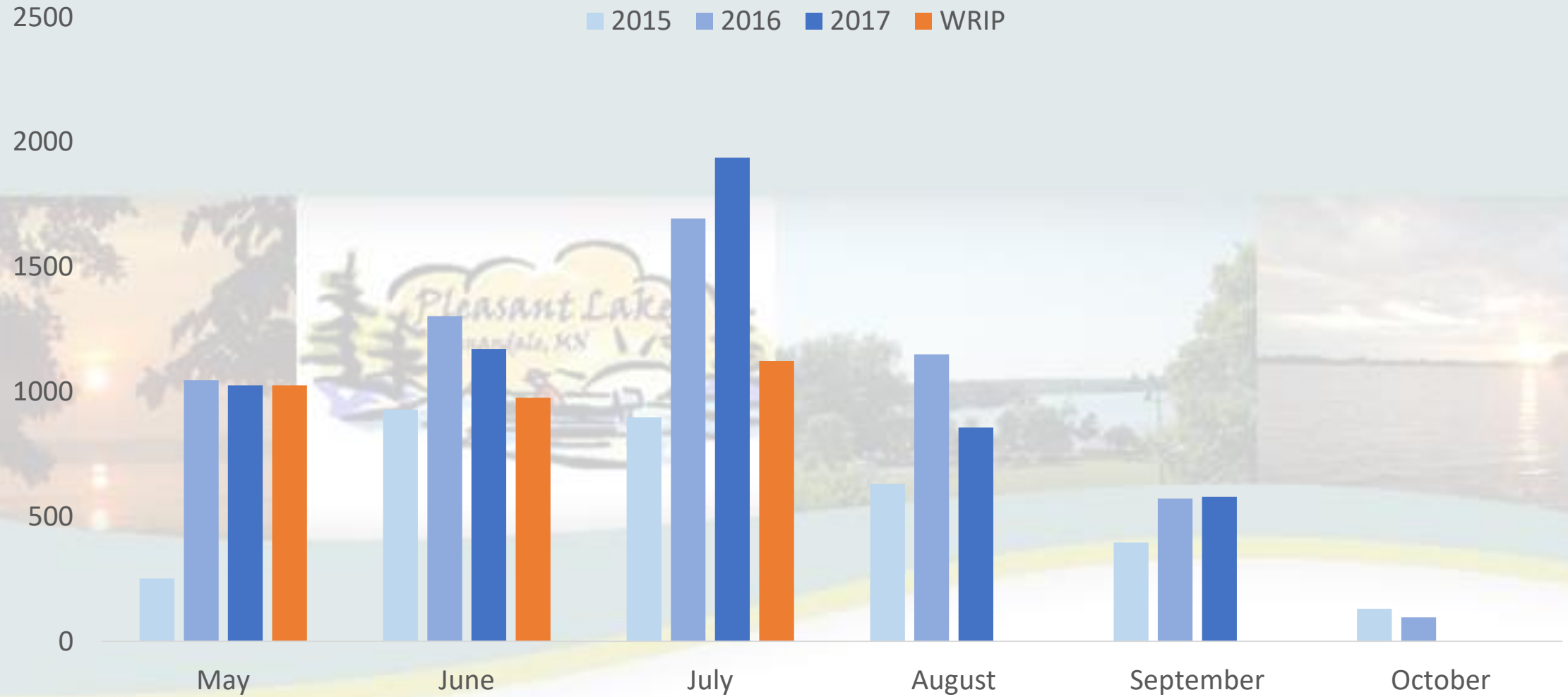


How it works?

4. User places seal in a drop box once they get to the lake.
5. Rovers check accesses for compliance.
 - About every 2 hours
6. Law enforcement follows up with violators.



Inspections

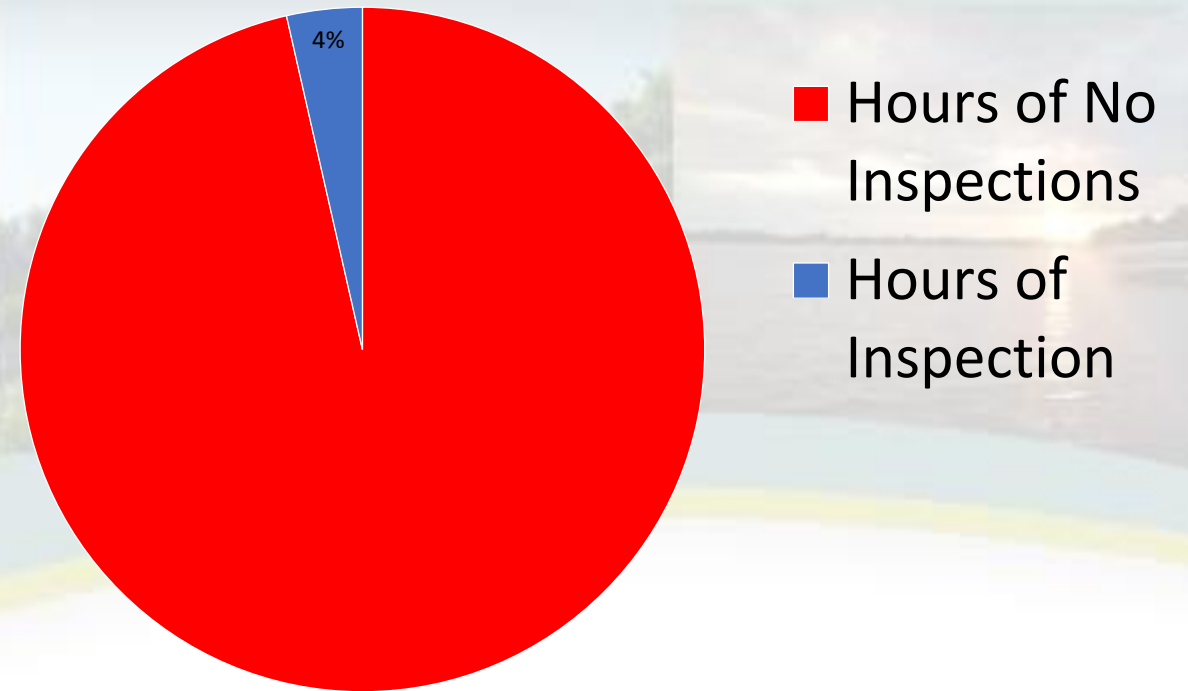


For example:

Pleasant Lake 2017 At the Access Staffing

- In 2017, Pleasant Lake had about 500 hours of at the access inspections.
- That only covered about 4% of the hours that the access is open.

Pleasant Lake County Inspection Funding 2017



Wait times

Month	n	Waiting In Line	Inspection Time	Decon Time
May	771	0.3	5.5	8.5
June	923	0.5	4.3	7.8
July (ends 7/15)	617	0.5	3.6	18.8
August				
September				
October				
Overall	1302	0.3	2.9	10.4

Table 26. State Statue violations at the regional inspection station.

	Drain Plug Violations	Species Found	Zebra Mussels Found
May	5	10	7
June	3	13	1
July ends (7/15)	1	6	1
August			
September			
October			
Overall	7	17	8

Violations/Enforcement

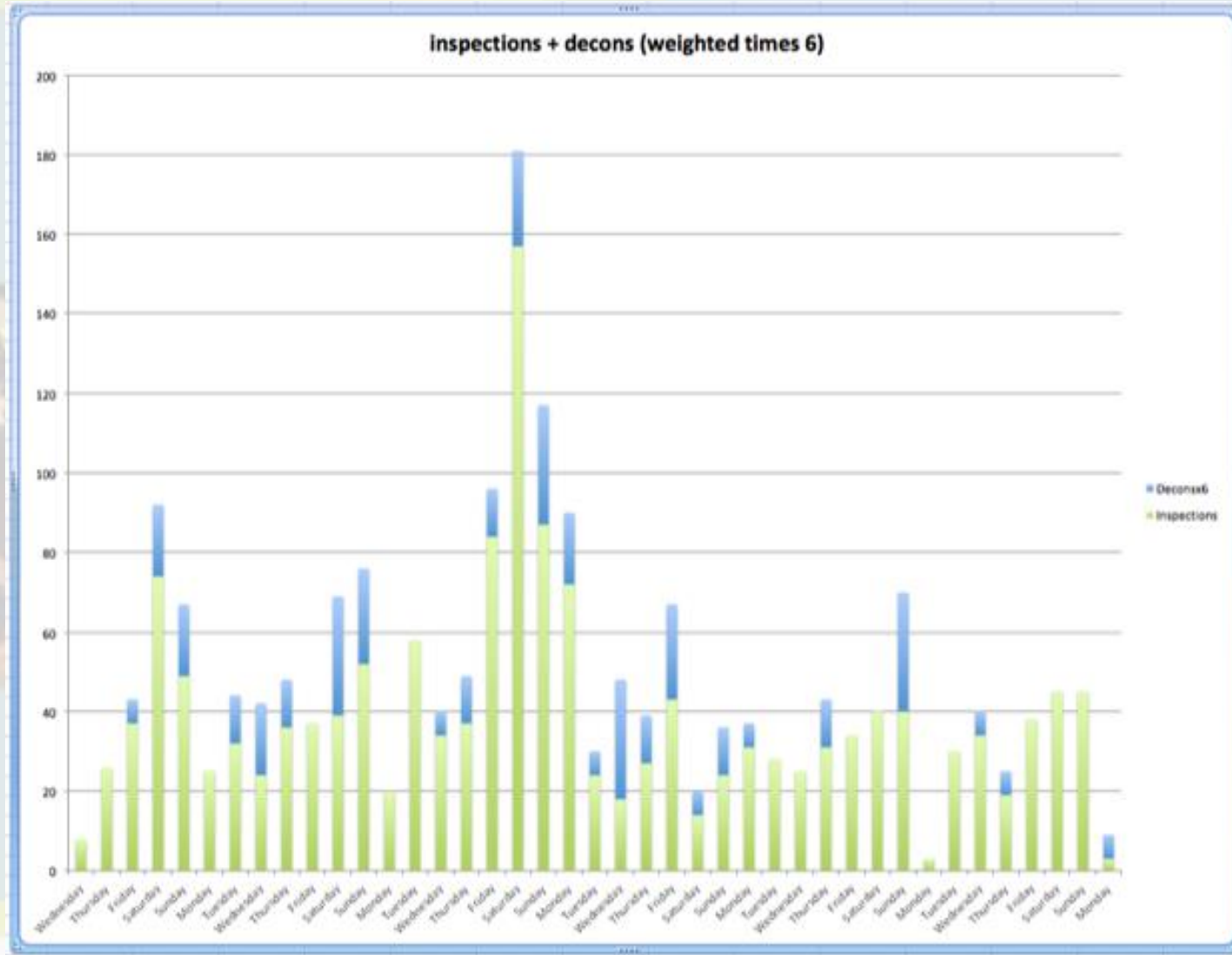
Month	Violations
May	69
June	80
July (1 st half)	80

Other things noticed

1. Watercraft Deputy started patrols in July
2. Solo trailers at ramp
3. Seal before Proof of Inspection (POI)
4. POI seen multiple days
5. Eight repeat offenders (max 2 offenses)

Result	Count
Vehicle Not Found	26
Personal Contact-Warning Only	22
Phone Contact-Warning	11
Equipment Prevented from Entering	11
Notice Left of Windshield	165
Citation Issued	0
Deputy Reassigned	4
NoAction-Forgot to Display POI	4
NoAction-had proper paperwork	6
NoAction-suspected POI reuse	1
No Trailer-Not a Violation	1
Exempt Vehicle	1

It is Working!



- Only 1 day close to the 198 inspection capacity of the site
- We could expand to all 11 nearby lakes for only \$148.29/day
- We have commitments from 8 of the 11 lake associations requesting expansion

User Survey-Executive Summary

EVALUATION OF PROGRAM AND PROCESS

- Attitudes toward the inspection program are divided and strong. Forty-three percent “strongly support” and 39% “strongly oppose” the program.
- Open-ended comments tended to the negative: 72% negative, 19% positive and nine percent neutral/mixed.
- Users also divided on whether the program increased their knowledge of AIS practices. Roughly 40% both agree and disagree.
- Three times as many users say they are “more” likely (36%) to engage in AIS prevention practices after the program than say they are “less” likely to do so (12%). Roughly half say there would be no change.
- The most highly rated feature of the prevention program is “had courteous staff” (63% strongly agree). The lowest rated factor was the program “increased personal responsibility for AIS prevention” (29% strongly agree).
- Only 20% of users went to the landing first to learn of the inspection; 80% did not. This indicates that prior communication/education efforts regarding the inspection were mostly successful.
- The vast majority (89%) visit Annandale lakes five or more times in a season. The majority (57%) will not change their use. However, 39% say they will reduce their use because of the inspection program.

Questions/Answers

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