

**Silver Lake Management District
Annual Meeting Minutes
August 27, 2022 - 0900
Town of Marion – Town Hall**

1. Call to Order

- a. Meeting was moved to the alternate location at the Town Hall due to tree trimming adjacent to Reediger's Triangle
- b. Meeting was called to order at 0918am by Ed. Pledge of Allegiance recited by those in attendance.
- c. Board Members in attendance Ed Kissinger, Mark Magnusson, Greg Barczak, Jim Morgenroth, Bill Herbert
- d. Waushara County Representative – Robert Wedell
- e. Approximately 45 other individuals were in attendance

2. Secretary's Report

- a. Jim Schroeder motioned (Wayne Hoffmann seconded) to dispense with the reading of the minutes from the May 28, 2022 Board Meeting.
- b. Minutes of the May 28, 2022 were approved as submitted/posted on the Town of Marion website

3. Treasurer's Report

- a. FY2023 Income–Expense statement – current YTD thru August 27, 2022 shows a net loss of \$5681
- b. Current balances
 - Hometown Checking \$ 29,646.86
 - Hometown Savings \$ 81,224.80
 - LGIP \$336,229.94
 - Total \$447,101.60
- c. Treasurer's report was approved as submitted.

4. Financial Audit

- a. Ed reported that the financial audit for the period of 8/1/2021 thru 7/31/2022 was conducted on August 10, 2022 by Barb Bartel, Wayne Hoffmann and Judy Puls. Ed was also in attendance.
- b. The auditors determined that the financial statement accurately reflected the income and expense for the Lake District and that the records were in good order.
- c. Ed thanked the auditors for their review of the records

5. Updates

a. Waushara County Representative – Robert Wedell

Ed introduced Robert Wedell – Waushara County Representative. Robert is also on the Planning and Zoning Commission. Robert shared a few updates:

- Shoreline inventories of Waushara County Lakes underway. Drone and boats will be over the shoreline in weeks ahead – looking for areas of runoff or other issues with the shoreline. They do not look for zoning violations as part of this assessment

- The new County building is well underway. The County Board also recently voted to approve \$27mil to construct a new Highway Building on the southside of the existing building. Robert was the lone dissenter in the vote (9-1). Current plans are to borrow money for this construction.
 - New building construction is up this year.
 - Questions were asked about rentals – Robert shared that if the rental meets health criteria there is little the County can do. Illegally parked cars should be reported to the Sheriff’s Department
- b. Meeting sign-in – Ed reminded those in attendance that there is a sign-in form going around and to include your email on the list if not already shared with the Board
 - c. Handouts – a number of handouts are available to residents including an updated Fire Number listing. A revised boating regulations handout was also distributed. The regulations were recently updated with the assistance of an attorney that lives on the lake – to be consistent with Town of Marion/State/Federal regulations. The regulations expand the “Skiing Hours” to include other “Towables”. Boating regulations signs at each of the boat landings will also be updated within the next month

6. District Business - Reports

a. AIS - Mark

Mark shared that a full Point Intercept Study (PIS) was conducted in late July. The PIS includes 540 points on the lake and is conducted by Onterra. There are also two other meandering studies conducted in Spring and Fall. The Full PIS and the Fall meandering surveys are used to obtain our permit to remove Eurasian Milfoil.

2022 has been a banner growth year for all aquatic plants, Invasive Eurasian Milfoil included. Nice dry hot weather and lower water levels have contributed to this phenomenon, Situation is not unique to Silver Lake. Eddie/Onterra mentioned he’s seeing this at lakes all over Wisconsin.

Silver Lake has some 22 different species of native aquatic plants. We are only permitted to harvest invasive Eurasian milfoil with DASH. Mark has seen a fair amount of northern milfoil in the lake this year which is native. Native northern milfoil has 4 leaflets per stem/strand, versus 7 leaflets for invasive Eurasian milfoil.

In 2021, DASH harvested 100 cu/yds or 10 - 10 yd dumpsters of Eurasian milfoil, this year we reached 100 cu/yds halfway through our DASH harvesting and dive time. We are on track to harvest better than 180 cu/yds of Eurasian Milfoil for 2022 (18 - 10 yd dumpsters). Our DASH contractor (APM) has hit only Priority 1 and 2 areas. Priority 3 areas, small colonies and scattered plants have NOT been addressed. The west bowl has the heaviest concentration, Mark watched APM take 38 bags out of a polygon on the highway 73 landing on 8/22.

We only have about 4 weeks at most left for DASH, since once the milfoil starts to die, it fragments making harvesting futile. SLMD is on track to spend \$137K, for DASH with APM, double what we spent in 2021.

Mark's call with Ted Johnson (DNR) went well. Mark started with the preface that Eurasian Milfoil is exploding and we need to open the tool box and use a combination of tools. Mark suggested a chemical treatment of the west bowl with ProCella-COR, and fight milfoil with DASH in the east bowl. Ted is not averse to a whole lake chemical treatment, but being a regulator, he needs the data from the July PIS survey and the fall AIS survey to make a decision. He realizes we've been able to maintain the milfoil at an acceptable level (<2.5% of the littoral zone) since the whole lake treatment in 2016 (2023 will be our 7th year post whole lake treatment) The WI-DNR verdict on using ProCella-COR for a whole lake treatment is in the analysis phase and not widely approved. We've had good success with pellet SONAR-Fluridone in 2016 if using ProCella-COR is not available.

Year	EWM Spend	Integrated Management Description	Dive Hours	Cubic Yds Removed	EWM% of Littoral Zone	Comments
2013					33.3	
2014	\$ 101,300	Whole Lake SONAR Tridopyr			7	
2015	\$ 3,000	Diquot, Navigation Lanes, FTB			20	
2016	\$ 72,100	Whole Lake Floridone			10	
2017	\$ 14,100	DASH, Sumico WI	40	1300 plants	0.2	
2018	\$ 26,500	APM Minoqua WI	78.5	23	1.7	
2019	\$ 71,800	APM Minoqua WI (2' over OHWM)	212.8	46.2	2.3	no colonies, scattered plant clumps
2020	\$ 57,900	APM Minoqua WI	171.5	19.9	0.2	
	\$ 22,000	ProCella - COR in FTB				
2021	\$ 62,000	APM Minoqua WI	183.8	103.5	2.1	
2022	\$ 135,000	APM Minoqua WI (40% of harvest in 4 polygons in Western Bowl)	400	100		on track to remove > 180 cu yds, 4 weeks of DASH remaining
Subtotal	\$ 565,700		1086.6	292.6		
	\$ 540,000	2000-2012 SONAR 2,4 D Spot Treatments (\$45K average)				
Total	\$ 1,105,700					
Grants	\$ 208,000	DNR AIS Grants				
Net SLMD	\$ 897,700	SLMD spend on EWHM - 22 years				

The table above summarizes the work that SLMD has completed since 2013 even though SLMD has been fighting Eurasian and Hybrid Water Milfoil (EWM/HWM) aquatic invasive species since the year 2000. SLMD has spent greater than \$800K (not including DNR grants) to manage EWM/HWM at an acceptable level within the littoral zone of Silver Lake.

Spot chemical treatment of 80 acres of EWM/HWM colonies with Sonar 2,4-D occurred from 2000 through 2013. In 2013 Sonar 2,4-D treatment became ineffective in EWM/HWM

reduction. Our biologist, Onterra, identified seven (7) hybrid strains of EWM within Silver Lake. SLMD applied for a whole lake treatment in 2014 with a Sonar 2,4-D and Triclopyr mix. This treatment resulted in an EWM/HWM reduction to 7.8% of the littoral zone. EWM/HWM colonies however rebounded to 20% of the littoral zone in the lake during the spring/summer of 2015.

SLMD applied to the Wisconsin DNR (WI DNR) in 2015 for a whole lake treatment with Fluridone. WI DNR approved the request and a whole lake treatment with Fluridone was performed by Clean Lakes Midwest during spring of 2016. Fluridone pellets were utilized during the initial and 2 bump treatments were required which kept the concentration at 2-3 ppb throughout 2016.

A Point Intercept Survey (PIS) in 2017 indicated success with EWM/HWM being only 0.2% of the littoral zone. The districts strategy following the successful whole lake treatment was to maintain the EWM/HWM infestation with Diver Assisted Suction Harvesting (DASH). DASH was effective in maintaining EWM/HWM as 0.2% of the littoral zone through the spring/summer seasons of 2017 and 2020.

Fox Tail Bay (FTB) had dense surface matting EWM/HWM colonies in 2018/2019. These dense colonies posed a risk to DASH divers and DASH was diverted from FTB to other areas within the lake. Onterra developed a detailed PIS grid in FTB and the district applied for a contact herbicide treatment with ProCella-COR. WI DNR approved the permit and FTB was treated in June 2020. Results from the FTB treatment were excellent with only scattered plants noted on the north end and hand harvesting performed in FTB during 2020 and 2021 seasons.

The 2021 fall PIS survey indicated EWM was 2.5% of the littoral zone. This represents a statistically valid 10-fold increase over the prior years. Most of the problem areas are within the northwest bay by the highway 21 and 73 boat landing. This boat landing also receives most of our transient trailer boat traffic in/out of Silver Lake. Fifteen (15) small EWM/HWM colonies were also noted in other areas of the lake.

Our 2022/2023 Integrated Pest/Plant Management report from Onterra needs to be completed in the January 2023 time frame and submitted to WI-DNR. The IPM/APM report is a section within the full lake management plan which is also under development by Onterra. SLMD needs the IPM/APM section completed in advance of the full lake management plan so Ted Johnson has the data to make decisions on our 2023 plans. Mark plans to push for a whole lake treatment in 2023. He hopes the July PIS and fall AIS survey data warrants the whole lake treatment.

Resolution was made by Bob Bandt (seconded by Don Maes) to officially support a whole lake treatment in 2023. Motion passed. Resolution to be submitted to Ted Johnson of WI DNR.

b. Wautoma Schools AIS Tour 2022 – Jim

Jim reported that the program will continue as in past years – taking approximately 85 7th grade students from Wautoma Schools onto the lake. Students are divided into 3 groups for approximately an hour tour with a DNR/Golden Sands biologist. Jim has obtained some educational materials that will be used for the AIS. Jim Schroeder, Bob Bandt and Patti Miller

have volunteered their pontoon boats for the tour. Tour is scheduled for Wednesday, September 14th with a rain date of Tuesday, September 20th

c. Clean Boats/Clean Waters – Bill

Kade Panich (Wautoma HS Grad) has been supporting Silver Lake and Pearl Lake this summer as the CBCW inspector. With 2 weekends remaining, Kade has worked 202 hours at the Hwy 21 boat landing. He has inspected 316 boats and interacted with over 600 individuals. During the course of the summer, he has reported NO negative interactions with any one at the boat landing. Many have voiced their thankfulness for the CBCW program, especially those that were unaware of the program until Kade chatted with them.

Resolution was made by Bob Merriam (seconded by Mike Ruhland) to continue the CBCW program for the summer of 2023. A second resolution was made by Susan Merriam (seconded by Wayne Hoffmann) to award Kade a bonus of \$500 at the end of the season assuming he completes all of his hours and submits all of the inspection data on the DNR site. Mark shared that the bonus was implemented several years back in lieu of payment for mileage and to incent the student/inspector to stay the full summer.

d. Town of Marion Report – Bill Behnke – No Report

e. High Water / Drainage - Ed

Ed reported that the Board does not believe pursuing the Hwy 21 water diversion project taking water to the current weir/downside of the weir is a good investment (\$3-4mil). In addition, if this option were to be explored it would still need to be in compliance with the maximum flow thru the weir of 10 cfs. Ed reported that he has been making good progress with Jim Blaszczyk (Irogami Lake District). SLMD and LIMD have submitted a letter to the WI DNR requesting to have sand bags on the Irogami side of the culvert in the Spring at the height of the weir. The sand bags would prevent the spring thaw and rain from flowing from Irogami to Silver (estimated that this past spring approximately 6” of water flowed from Irogami into Silver). This proposal is mutually beneficial to Lake Irogami and Silver Lake – keeps Irogami higher and would prevent the early spring water from entering Silver Lake. Mark shared that there are 9 separate inflow points into Silver Lake – primary one being the culvert.

f. Lake Management Plan – Greg

The Lake Management Plan is basically the business plan for the lake outlining how the Board and residents plan to manage the overall health of the lake – used primarily for working with and receiving funding from the DNR. Greg shared that the survey response was very good – 194 responses representing approximately a 70% response rate. He reviewed a few of the questions and responses.

The next steps will be for Onterra to incorporate all of the data (resident survey, PIS data, fish quality, shoreline survey, water quality) into a consolidated report with an outline for maintaining the lake quality over the next five years. The plan is scheduled to be completed by early Spring 2023. Ed commented that the plan under development is more extensive than previous plans and the 2022-2023 budget reflects the increased cost.

7. 2022-2023 Budget

- a. Ed reviewed the proposed budget for 2022-2023. Significant expenditures include the \$220,000 for lake treatment, \$20,000 for development of the Lake Management Plan and Lake Mapping/Onterra. Income for the fiscal year is consistent with past years – no grants anticipated from the DNR

INCOME	Budget
Assessments	\$ 92,100.00
Interest	\$ 1,000.00
CB/CW Grant	\$ 3,500.00
Town AIS Grant	\$ 1,761.50
TOTAL INCOME	\$ 98,361.50
EXPENSES	
ADMINISTRATIVE	
Annual meeting	\$ -
Legal	\$ 300.00
Liability	\$ 600.00
Membership	\$ 400.00
Mileage	\$ 200.00
Misc	\$ 1,000.00
Postage	\$ 150.00
Printing/Supplies	\$ 300.00
TOTAL Administrative	\$ 2,950.00
ENVIRONMENTAL	
AIS School Tour	\$ 500.00
CB/CW Program	\$ 6,000.00
DNR Permits	
DO Meter	\$ 75.00
Drainage Project	\$ 20,000.00
Fish Habitat	
Lake Mgmt Plan	\$ 20,000.00
Lake Mapping - Onterra	\$ 20,000.00
Lake Treatment	\$ 220,000.00
TOTAL Environmental	\$ 286,575.00
TOTAL EXPENSES	\$ 289,525.00
NET INCOME/(LOSS)	\$ (191,163.50)

- b. Jan Schneider motioned (Bob Bandt seconded) to approve the budget. The motion passed.

8. Questions/Comments from Members

- a. Walleye stocking

Question was raised about stocking walleyes in the lake. Ed shared that the lake is not well suited for walleyes – lake habitat does not support walleye growth (although the recent fish survey indicates that the lake does have some walleye – 8 large, no small).

b. Boat launch

Don Maes questioned whether we would consider raising the fee for boat launching (the fee is actually a charge for trailer parking). Fees is set by the Town of Marion with a portion of the funds returned to SLMD. There has not been a recent discussion at the Town meetings pertaining to boat trailer parking fees. Anyone interested in suggesting that the fees be increased should attend a Town of Marion meeting.

c. Lake Patrol

Greg Barczak asked if SLMD should consider hiring our own lake patrol – similar to what is done at events like the State Fair etc. Ed shared that individuals that patrol the lake need to be trained law enforcement officers – in order for the individual to write citations and give warnings – they need to be law enforcement individuals.

Question was asked about how to report individuals that are clearly breaking the boating regulations. Ed suggested taking a video of the inappropriate behavior, record the boat registration number and call the Sheriff's Dept. Even though the Sheriff's Dept may not be on the lake, they can investigate with appropriate evidence.

Ed reminded everyone one that all individuals born after 1989 need to complete the Boating Certification class – an on-line boater safety course offered by the WI DNR. Lake Patrol will ask to see the certificate if a boater is pulled over for some other issue. Jim Schroeder reported that the GO WILD DNR site may not have records of all individuals that have completed the course so it may be best to check the site and if need be, take the course again.

d. NO Wake – Foxtail Bay

Linda Herbert shared that there have been rather consistent boaters in Foxtail Bay not adhering to the NO WAKE rule. Part of issue may be that the buoys are in the wrong location or partially under water. (the ROCK buoy is at the end of Foxtail Bay and not out at Chicago Point – a NO WAKE buoy is off of Chicago Point). Ed shared that the Town of Marion is responsible for placing the buoys – subcontracted to Blackhawk Marine for placement. Linda indicated she would contact the Town of Marion to correct the placement of the bouys.

e. Weir

Question was raised regarding the current status of the weir. Ed reported that the weir is open with no plans to close it. He also shared that Jim Blaszczyk (LIMD) is not in favor of opening/closing the weir. The agreement between SLSD and LIMD is scheduled for renewal in 2025. Don Maes reported that they are currently waiting on the decision of the WI DNR related to the sand bag proposal. The goal for a new agreement would be to include language that the weir would remain open unless it needs to be closed/partially closed to control the overall flow to 10 cu/ft/sec or less. The current language outlines that it takes both parties to agree to close the weir but does not have any language addressing when to open it. Lake

Irogami does have an OHWM established by the Town that also has to be considered when making decisions on the weir.

9. 2022-2023 Dates

- a. Rummage / Garage Sale – set for June 9-10, 2023
- b. Annual meeting – Saturday, August 27 0900 Town of Marion Town Hall

10. Commission Election

- a. Jim Morgenroth's term as Board Commissioner is expiring. He assumed the position from Ross Peterson whose term would have expired in 2022.
- b. Ballots are available for voting for the position if anyone would be interested in running for the position. Jim Schroeder motioned to re-elect Jim with a unanimous vote (Don Maes seconded). The motion passed. Jim Morgenroth's will now serve as Commissioner until August 2025.

11. Adjourn

Susan Merriam thanked the Board of Directors for all of the work in helping to maintain the quality of Silver Lake

Meeting adjourned at 10:18am

Respectfully submitted

William Herbert

Bill Herbert
Secretary/Treasurer

**Board of Directors
Meeting Minutes
August 27, 2022
Town of Marion – Town Hall**

1. Call to Order

Ed called the meeting to order at 1046am

2. Officer Election

Greg motioned (Bill seconded) to maintain the current officers. Motion passed.

Ed Kissinger – Chairman (2024)

Mark Magnusson – Vice-Chair (2023)

Bill Herbert – Secretary/Treasurer (2023)

Greg Barczak – Commissioner (2024)

Jim Morgenroth – Commissioner (2025)

3. Board Meeting Dates

October 2, 2022 - 1pm – Ed Kissinger’s Home

February 11, 2023 – 0830 – ZOOM Call – those in Wautoma to meet at Jim’s house –

May 27, 2023 – 0900 – Town of Marion Town Hall

August 26, 2023 – 0900 – Town of Marion Town Hall

4. Other Business

Some continued discussion around lake patrol, maintenance of the fire number list.

5. Adjournment

Meeting adjourned at 1105am

Respectfully submitted

William Herbert

Bill Herbert

Secretary/Treasurer