

**MUSKELLUNGE LAKE
LAKE IMPROVEMENT BOARD
MEETING**

September 14, 2023

A meeting of the Muskelunge Lake, Lake Improvement Board was held at the Montcalm County Drain Commission, 211 W. Main Street, Stanton, Michigan on the 14th day of September 2023 at 3:00 P.M.

The meeting was called to order by Bob at 3:03 p.m.

PRESENT: Todd Sattler – Secretary/Drain Commissioner
Bob Pickel – Chairperson
Pat Carr – Board of Commissioner’s Representative
Sandy Tiffany – Maple Valley Township Representative

ABSENT: All Present

ALSO

PRESENT: Rick Buteyn – Progressive AE
Anne Gaylord – MCDC
Randy Mencarelli

A motion was made by Todd and seconded by Sandy to approve the agenda as presented. Motion carried.

A motion was made by Todd and seconded by Pat to approve the minutes from June 12, 2023, as presented. Motion carried.

Vacant Seat

Randy Mencarelli introduced himself and stated that he was interested in joining the lake board. He has lived on the lake since he was 6 and currently lives on the lake from April to November each year. Sandy added that Randy is very active on the lake.

A motion was made by Todd and seconded by Sandy to elect Randy to the Muskelunge Lake Improvement Board as the Abutting Property Owner’s Representative. Motion carried.

Treatment Update

Rick provided a treatment map and journal to the Board. Sandy noted that residents that did not get treated for the purple loosestrife were not happy. Rick said that they were not able to treat all of it and a lot more popped up between when he mapped the treatment area and when they actually treated it. Sandy added that it took a while to see the treatment results. Rick recommends treating it again next year and advised that he will look into beetle treatment for the species. He also added that he will tell PLM to treat wherever they see it next season. Rick added that the island had to be treated 3 times as it is now hybridized milfoil that is difficult to treat. Rick explained the difference between

native and invasive species. Rick stated that there is still around \$9,000 left in the budget for this year.

Financial Update

Todd provided a financial update to the Board, including a current balance of \$37,726.00. He noted that there is one more quarterly fee expected this season.

A motion was made by Todd and seconded by Pat to accept the Treasurer's Report as presented. Motion carried.

Special Assessment

Todd presented a special assessment roll to the Board. The Board advised that there are no changes needed to the roll and they would like to assess the \$32,200.00 that was assessed in 2022.

Other Business

The next meeting is scheduled for Thursday, June 6, 2024, at 3:00 pm.

Public Comment

No public comment.

There being no further business to come before the Lake Board, a motion was made by Todd and seconded by Sandy to adjourn the meeting at 3:40 p.m. Motion carried.



Todd Sattler, Secretary
Muskellunge Lake, Lake Board

State of Michigan }
 } ss:
County of Montcalm }

I hereby certify that the foregoing is a true and complete copy of the minutes of a meeting of the Muskellunge Lake, Lake Improvement Board, Montcalm County, Michigan held on September 14, 2023, and that said minutes are on file in the office of the Montcalm County Drain Commissioner and posted on the county website at montcalm.us and are available to the public.

I further certify that notice of the meeting was posted at least 18 hours before the meeting at the office of the Montcalm County Drain Commissioner, which is the principal office of the Muskellunge Lake, Lake Improvement Board.



Todd Sattler
Montcalm County Drain Commissioner

**MUSKELLUNGE LAKE
LAKE IMPROVEMENT BOARD
MEETING**

**September 14, 2023
3:00 P.M.**

MONTCALM COUNTY DRAIN COMMISSION

211 W. Main Street
Stanton, Michigan

AGENDA

- Call to Order
- Approve Agenda
- Approve Minutes
 - June 12, 2023
- Vacant Seat
- Treatment Program
- Financial Update
- Special Assessment
- Other Business
- Public Comment
- Adjourn

If you cannot attend, please call the office at 989- 831-7322 at least two days prior to the meeting.

Board Members:

Todd Sattler, Montcalm County Drain Commissioner
Vacant, Abutting Property Owners Representative
Sandy Tiffany, Maple Valley Township Representative
Pat Carr, Board of Commissioners Representative
Bob Pickel, Chairperson

MUSKELLUNGE LAKE
LAKE IMPROVEMENT BOARD MEETING
September 14, 2023

3:00 P.M.

Drain Commissioner's Office

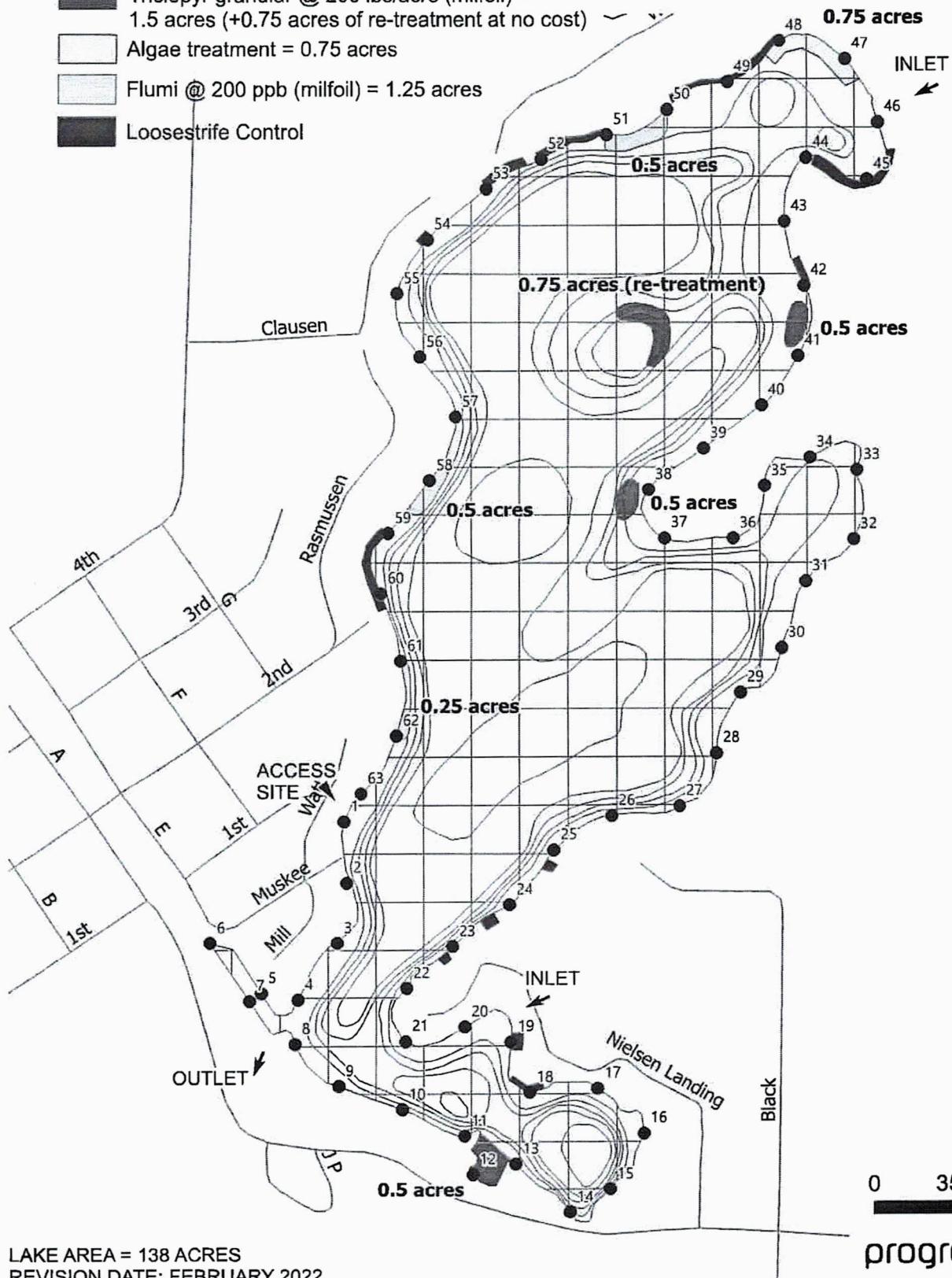
ATTENDANCE RECORD

1. Todd Sather
2. Rick Buteyn
3. Bob Picket
4. PATRICK CARR
5. Sandy Tiffany
6. Randy Mencarelli
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

**MUSKELLUNGE LAKE
MONTCALM COUNTY, MICHIGAN
TREATMENT MAP
SURVEY DATE: JULY 19, 2023**

Treatment

- Triclopyr granular @ 200 lbs/acre (milfoil) = 1.5 acres (+0.75 acres of re-treatment at no cost)
- Algae treatment = 0.75 acres
- Flumi @ 200 ppb (milfoil) = 1.25 acres
- Loosestrife Control



LAKE AREA = 138 ACRES
REVISION DATE: FEBRUARY 2022

N
 0 350 700 Feet
progressive | **lakes**

Project Work Journal

Muskelunge Lake

2023

Beginning Balance: \$22,000.00

Date	Type	Results				Remaining Balance
1/2/2023	Permit	2023 Permit Authorization				
Application Date	Type	Target Species	Qty	Dose Rate	Cost	
1/11/2023	Permit Fee		1.00 each		\$875.00	\$21,125.00
				Invoice 3008171	\$875.00	\$21,125.00
				Total		

5/18/2023	Survey	Found curly-leaf and milfoil.					
Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance	
5/24/2023	Flumioxazin	Curly-leaf Pondweed Eurasian Milfoil	1.50 acre(s)	200.00 ppb	\$880.00	\$20,245.00	
5/24/2023	Flumioxazin and contacts		3.00 acre(s)	100.00 ppb	\$1,275.00	\$18,970.00	
5/24/2023	Diquat dibromide @ 1 gal/acre	Curly-leaf Pondweed Eurasian Milfoil	8.00 acre(s)		\$1,440.00	\$17,530.00	
5/24/2023	Diquat dibromide @ 1 gal/acre + 6 PDU ProcellaCOR	Eurasian Milfoil	3.25 acre(s)		\$2,697.50	\$14,832.50	
				Invoice 3009129	\$6,292.50	\$14,832.50	
				Total			

6/12/2023	Survey	RCB, LDP, Bob P: New milfoil areas marked for treatment. Small area marked for re-treatment.					
Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance	
6/21/2023	Triclopyr granular	Eurasian Milfoil	3.75 acre(s)	200.00 lbs/acre	\$3,155.62	\$11,676.88	
				Invoice 3009735	\$3,155.62	\$11,676.88	
				Total			

7/19/2023 Survey RCB, LDP, Bob P: Milfoil and purple loosestrife areas marked for treatment.

Project Work Journal

Muskellunge Lake

2023

Beginning Balance: \$22,000.00

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
8/9/2023	Algae control (filamentous and planktonic)		0.75 acre(s)		\$34.24	\$11,642.64
8/9/2023	Flumioxazin	Hybrid Milfoil	1.25 acre(s)	200.00 ppb	\$733.34	\$10,909.30
8/9/2023	Loosestrife control		1.00 lump sum		\$685.00	\$10,224.30
8/9/2023	Triclopyr granular	Eurasian Milfoil	1.50 acre(s)	200.00 lbs/acre	\$1,262.25	\$8,962.05
				Invoice 3010748	\$2,714.83	\$8,962.05
				Total		

8/30/2023 Survey

RCB, Bob P: Treatment of loosestrife successful. Quite a bit of new loosestrife growth noted.

Muskellunge Lake Finance Sheet 2018 - 2022 (84020)

Thursday, September 14, 2023

Date	Vendor	Description	Check Number	Expenses	Revenue	Date
10/1/2022		Beginning Balance				\$ 24,946.62
10/20/2022	Progressive Architects Engineers PL (385)	4th Quarter Lake Consultant Fee	169529	\$ 1,875.00		\$ 23,071.62
1/19/2023	Progressive Architects Engineers PL (385)	1st Quarter Lake Consultant Fee	171352	\$ 2,000.00		\$ 21,071.62
1/26/2023	PLM Lake & Land Management (16632)	2023 EGLE Permit Fee	171555	\$ 75.00		\$ 20,996.62
1/31/2023	Huntington Bank	Interest Income			\$ 47.26	\$ 21,043.88
2/28/2023	Huntington Bank	Interest Income			\$ 79.36	\$ 21,123.24
3/31/2023	Huntington Bank	Interest Income			\$ 67.58	\$ 21,190.82
4/20/2023	Progressive Architects Engineers PL (385)	2nd Quarter Lake Consultant Fee		\$ 2,000.00		\$ 19,190.82
4/30/2023	Huntington Bank	Interest Income			\$ 60.48	\$ 19,251.30
5/2/2023	Montcalm County	2022 Delinquent Settlement			\$ 873.91	\$ 20,125.21
5/8/2023	Montcalm County	2022 Collected Settlement			\$ 31,191.64	\$ 51,316.85
5/31/2023	Huntington Bank	Interest Income			\$ 150.43	\$ 51,467.28
6/20/2023	PLM Lake & Land Management (16632)	05/24/2023 Weed Treatment	174640	\$ 6,292.50		\$ 45,174.78
6/30/2023	Huntington Bank	Interest Income			\$ 146.32	\$ 45,321.10
7/20/2023	Progressive Architects Engineers PL (385)	3rd Quarter Lake Consultant Fee	175147	\$ 2,000.00		\$ 43,321.10
7/31/2023	PLM Lake & Land Management (16632)	06/21/2023 Weed Treatment	175484	\$ 3,155.62		\$ 40,165.48
7/31/2023	Huntington Bank	Interest Income			\$ 142.66	\$ 40,308.14
8/31/2023	Huntington Bank	Interest Income			\$ 133.28	\$ 40,441.42
9/5/2023	PLM Lake & Land Management (16632)	08/09/2023 Weed & Algae Treatment	176111	\$ 2,714.83		\$ 37,726.59
		Remaining Balance				\$ 37,726.59