

**MUSKELLUNGE LAKE  
LAKE IMPROVEMENT BOARD  
MEETING**

**July 23, 2025**

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A meeting of the Muskellunge Lake, Lake Improvement Board was held at the Montcalm County Drain Commission, 211 W. Main Street, Stanton, Michigan on the 23rd day of July 2025 at 4:00 P.M.

The meeting was called to order by Bob at 4:04 p.m.

PRESENT: Bob Pickel – Chairperson/Maple Valley Township Representative  
Randy Mencarelli – Abutting Property Owner’s Representative  
Sandy Tiffany – Maple Valley Township Representative

ABSENT: Todd Sattler – Treasurer/Drain Commissioner  
Pat Carr – Board of Commissioner’s Representative

ALSO

PRESENT: Luke Aaron – Progressive  
Anne Gaylord – MCDC

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

A motion was made by Randy and seconded by Sandy to approve the minutes from September 12, 2024, as presented. Motion carried.

Public Comment

No public comment.

Treatment Update

Luke provided a treatment update to the Board. He advised that there have been two treatments completed on 5/27 and 6/26. He noted that an algae bloom was found in June and was treated during the 6/26 treatment. He provided a treatment map and journal indicating treatments and costs. He will go back and treat the wild celery again but he doesn’t anticipate using too much more of the budget. Randy said that the only sprayed around one of his docks and did not treat around the other two. Luke said they won’t get right up in between people’s boats for safety reasons. Randy said its very thick and he will move his boats so his docks can be sprayed. Luke said they can spray more, but if its very thick, raking it out will be the best option. He will check it out on the next survey. Sandy said the lake association wants to pay for some of the purple loosestrife removal. Luke asked if they are seeing flowering yet. Randy and Sand said yes. The Board agrees that it looks much better than last year, but they would like it treated again. Luke believes that they are likely seeing systemic effects from last year’s treatment. The next treatment will likely be in the first week of August. Randy noted that there are big clumps of weeds

growing on the water in the south end. He said it looks like a Brillo pad. Luke said it is probably chara, but he will check on it at the next survey.

#### Financial Update

Anne provided a financial update to the Board, including a current balance of \$62,567.51. She noted that the 2024 assessment was received in June and the account is earning about \$110-150 a month in interest.

#### Other Business

Randy would like to know why the Breakaway Corp was assigned the benefit factors it was given but Harvey Stark was not. Anne explained that the Board members chose the benefit factors when the LIB was set up and that was likely treated like a campground because there are usually 9-10 trailers on the parcel. She added that the benefit factors can only be changed at the public hearing. Randy asked when the next public hearing will be held. Anne advised that the hearings are held every five years and this lake will be up for the next public hearing in the summer of 2027. Randy asked why they can't hold a public hearing earlier. Anne said they could, but they lake board will have to pay all of the expenses incurred by the public hearing and the earliest they would possibly be able to hold it would be 2026. Randy said that he would like to hear Todd's take on the benefit factors.

There being no further business to come before the Lake Board, a motion was made by Sandy and seconded by Randy to adjourn the meeting at 4:45 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 July 23, 2025, 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**

**July 23, 2025  
4:00 P.M.**

**MONTCALM COUNTY DRAIN COMMISSION**  
211 W. Main Street  
Stanton, Michigan

**AGENDA**

- Call to Order
- Approval of Agenda
- Approval of Minutes
  - September 12, 2024
- Public Comment
- Treatment Program
- Financial Update
- 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  
Randy Mencarelli, Abutting Property Owners Representative  
Sandy Tiffany, Maple Valley Township Representative  
Pat Carr, Board of Commissioners Representative  
Bob Pickel, Chairperson




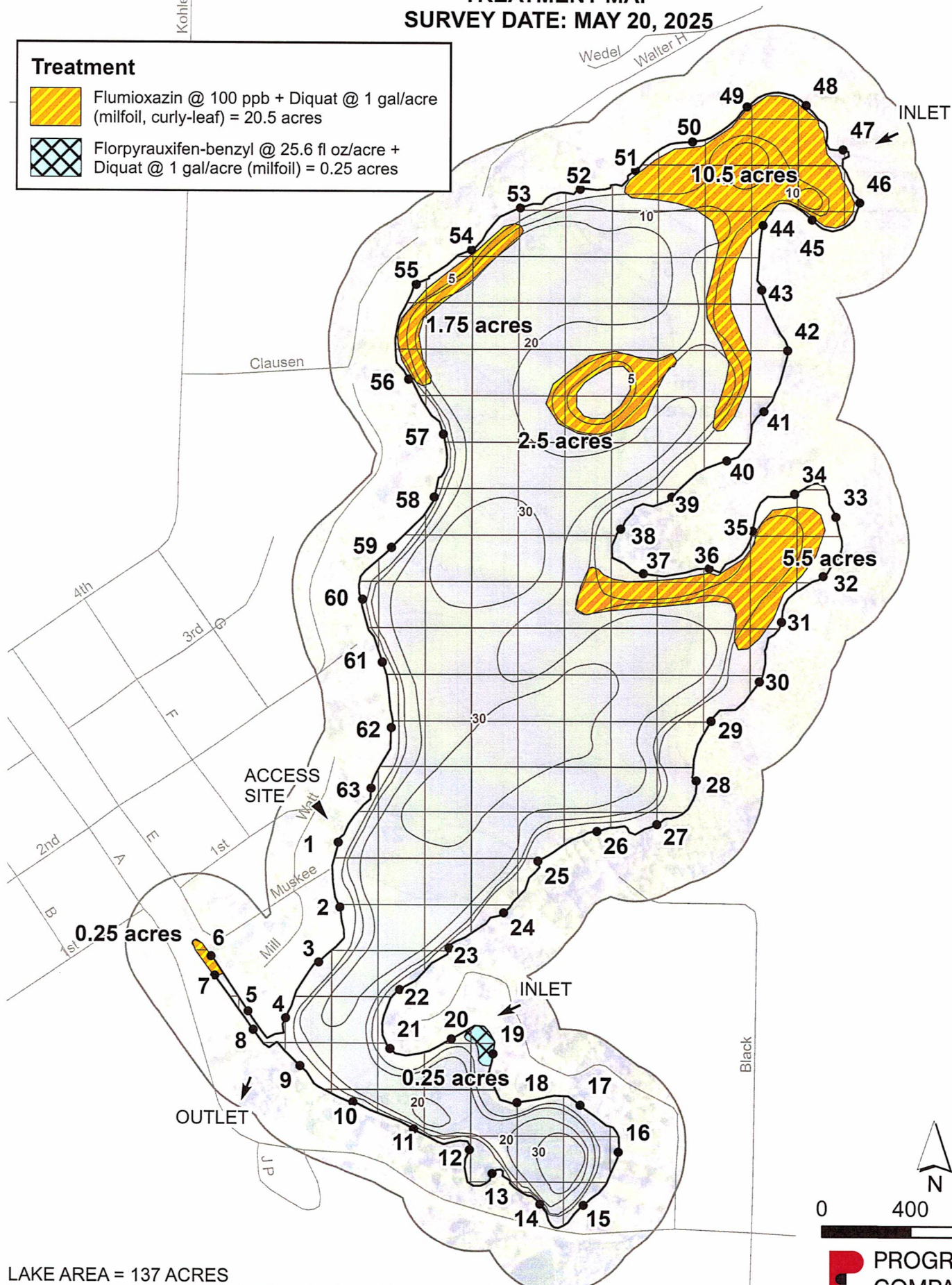
# MUSKELLUNGE LAKE MONTCALM COUNTY, MICHIGAN TREATMENT MAP SURVEY DATE: MAY 20, 2025

□ = 1 ACRE

## Treatment

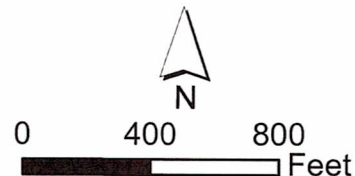
 Flumioxazin @ 100 ppb + Diquat @ 1 gal/acre  
(milfoil, curly-leaf) = 20.5 acres

 Florpyrauxifen-benzyl @ 25.6 fl oz/acre +  
Diquat @ 1 gal/acre (milfoil) = 0.25 acres



LAKE AREA = 137 ACRES


The applicator shall make adjustments, if needed, to comply with EGLE permit requirements.



 **PROGRESSIVE  
COMPANIES**






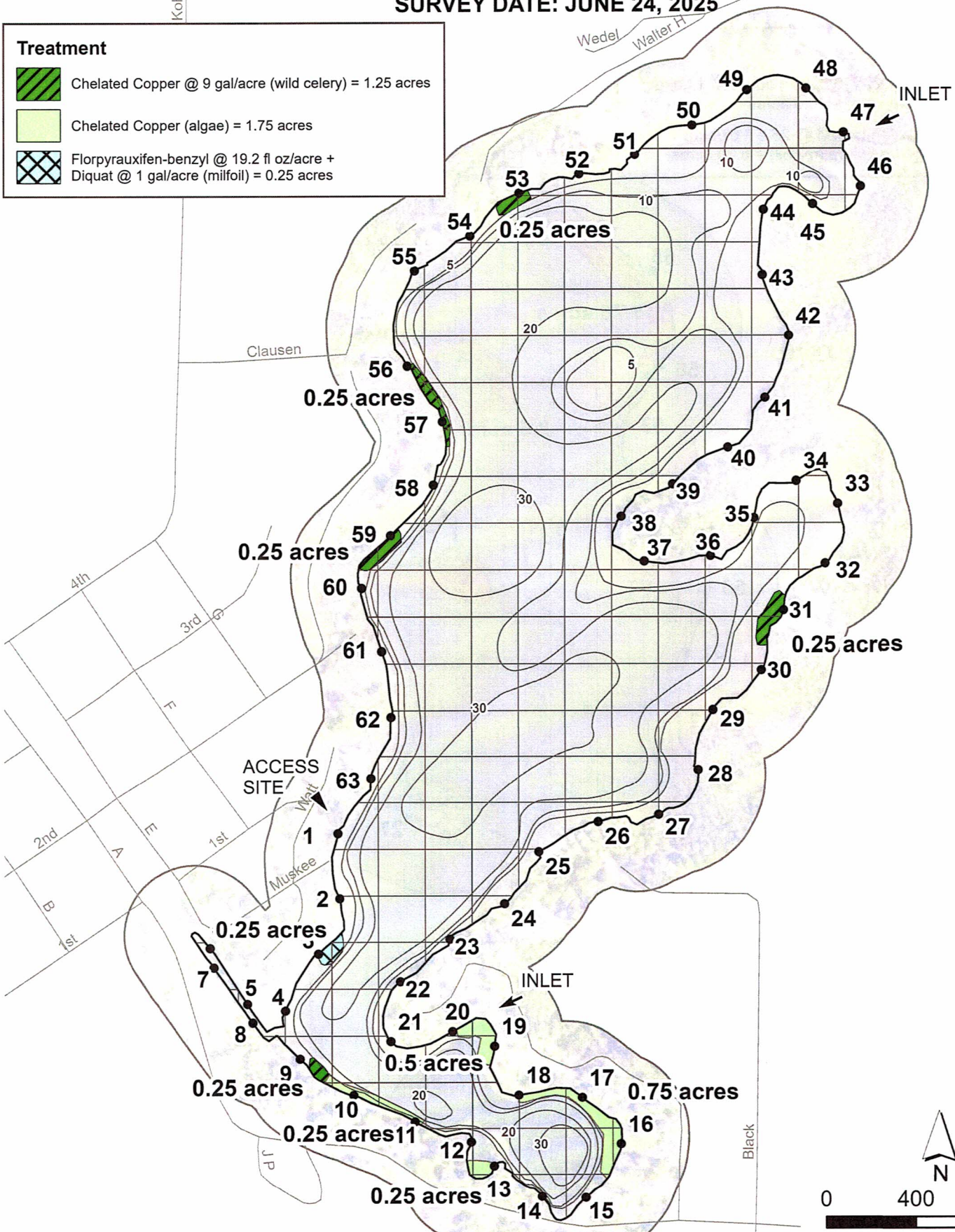
# MUSKELLUNGE LAKE MONTCALM COUNTY, MICHIGAN TREATMENT MAP SURVEY DATE: JUNE 24, 2025

 = 1 ACRE

Kohler

## Treatment

-  Chelated Copper @ 9 gal/acre (wild celery) = 1.25 acres
-  Chelated Copper (algae) = 1.75 acres
-  Florpyrauxifen-benzyl @ 19.2 fl oz/acre +  
Diquat @ 1 gal/acre (milfoil) = 0.25 acres



LAKE AREA = 137 ACRES

The applicator shall make adjustments, if needed, to comply with EGLE permit requirements.

## Project Work Journal

### Muskellunge Lake

2025	Beginning Balance: \$22,000.00				
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Date	Type	Results	Target Species	Qty	Dose Rate	Cost	Remaining Balance
1/13/2025	Permit	2025 Permit Authorization					
Application Date 1/14/2025	Type Permit Fee			1.00 each			
						\$875.00	\$21,125.00
						<b>\$875.00</b>	<b>\$21,125.00</b>
						<b>Invoice 3015852 Total</b>	

5/20/2025 Survey

Survey by: LJA, GMK.

Water: 58 degrees at surface.

Notes: Found considerable curly-leaf pondweed growth at the north end of the lake. Milfoil growth was less widespread, but mixed in with the curly-leaf. Found one area of milfoil growth at the south end of the lake.

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
5/27/2025	Flumioxazin and contacts	Curly-leaf Pondweed	20.50 acre(s)	100.00 ppb	\$8,712.50	\$12,412.50
		Eurasian Milfoil				
5/27/2025	Diquat dibromide @ 1 gall/acre + 6 PDU ProcellaCOR	Eurasian Milfoil	0.25 acre(s)		\$198.75	\$12,213.75
					<b>\$8,911.25</b>	<b>\$12,213.75</b>
					<b>Invoice 3016788 Total</b>	

6/24/2025 Survey

Survey by: LJA, GMK.

Water: 85 degree at surface.

Notes: Treatment worked well. HAB in southern portion of lake. Marked up wild celery areas for treatment. One small patch of milfoil.

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
6/26/2025	Chelated copper complex liquid	Wild Celery	1.25 acre(s)	9.00	\$562.50	\$11,651.25
6/26/2025	Algae control (chelated copper only)	Filamentous or Planktonic Algae	1.75 acre(s)		\$192.50	\$11,458.75
6/26/2025	Diquat dibromide @ 1 gall/acre + 6 PDU ProcellaCOR	Eurasian Milfoil	0.25 acre(s)		\$198.75	\$11,260.00
					<b>\$953.75</b>	<b>\$11,260.00</b>
					<b>Invoice 3017553 Total</b>	

7/28/2025 Survey



**Muskellunge Lake Finance Sheet 2023 - 2027 (84020)**

Wednesday, July 23, 2025

Date	Vendor	Description	Check	Expenses	Revenue	Date
10/1/2022		Beginning Balance				\$ 24,946.62
10/20/2022	Progressive Architects Engineers PL	4th Quarter Lake Consultant Fee	169529	\$ 1,875.00		\$ 23,071.62
1/19/2023	Progressive Architects Engineers PL	1st Quarter Lake Consultant Fee	171352	\$ 2,000.00		\$ 21,071.62
1/26/2023	PLM Lake & Land Management	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	2nd Quarter Lake Consultant Fee	173256	\$ 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	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	3rd Quarter Lake Consultant Fee	175147	\$ 2,000.00		\$ 43,321.10
7/31/2023	PLM Lake & Land Management	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	08/09/2023 Weed & Algae Treatment	176111	\$ 2,714.83		\$ 37,726.59
9/30/2023	Huntington Bank	Interest Income			\$ 117.90	\$ 37,844.49
10/19/2023	Progressive Architects Engineers PL	4th Quarter Lake Consultant Fee	177051	\$ 2,000.00		\$ 35,844.49
10/31/2023	Huntington Bank	Interest Income			\$ 115.73	\$ 35,960.22
11/30/2023	Huntington Bank	Interest Income			\$ 110.91	\$ 36,071.13
12/31/2023	Huntington Bank	Interest Income			\$ 115.11	\$ 36,186.24
1/18/2024	Progressive Architects Engineers PL	1st Quarter Lake Consultant Fee	178927	\$ 2,000.00		\$ 34,186.24
1/31/2024	Huntington Bank	Interest Income			\$ 111.46	\$ 34,297.70
2/29/2024	Huntington Bank	Interest Income			\$ 102.77	\$ 34,400.47
3/7/2024	PLM Lake & Land Management	2024 EGLE Permit Fee	179950	\$ 875.00		\$ 33,525.47
3/31/2024	Huntington Bank	Interest Income			\$ 114.30	\$ 33,639.77
4/11/2024	Progressive Architects Engineers PL	2nd Quarter Lake Consultant Fee	180780	\$ 2,000.00		\$ 31,639.77
4/30/2024	Huntington Bank	Interest Income			\$ 105.23	\$ 31,745.00
5/13/2024	Montcalm County	2023 Collected Settlement			\$ 30,294.00	\$ 62,039.00
5/13/2024	Montcalm County	2023 Delinquent Settlement			\$ 1,897.60	\$ 63,936.60
5/31/2024	Huntington Bank	Interest Income			\$ 200.57	\$ 64,137.17
6/30/2024	Huntington Bank	Interest Income			\$ 239.81	\$ 64,376.98
7/11/2024	PLM Lake & Land Management	05/29/2024 Weed Treatment	182911	\$ 13,971.25		\$ 50,405.73
7/31/2024	Huntington Bank	Interest Income			\$ 176.65	\$ 50,582.38
8/1/2024	Progressive Architects Engineers PL	3rd Quarter Lake Consultant Fee	183221	\$ 2,000.00		\$ 48,582.38
8/31/2024	Huntington Bank	Interest Income			\$ 166.15	\$ 48,748.53
9/12/2024	PLM Lake & Land Management	08/08/2024 Weed Treatment	184172	\$ 1,825.00		\$ 46,923.53
9/30/2024	Huntington Bank	Interest Income			\$ 145.46	\$ 47,068.99
10/10/2024	Progressive Architects Engineers PL	4th Quarter Lake Consultant Fee	184550	\$ 2,000.00		\$ 45,068.99
10/31/2024	Huntington Bank	Interest Income			\$ 134.32	\$ 45,203.31
11/30/2024	Huntington Bank	Interest Income			\$ 121.38	\$ 45,324.69
12/31/2024	Huntington Bank	Interest Income			\$ 118.36	\$ 45,443.05
1/16/2025	Progressive Architects Engineers PL	2025 1st Quarter Lake Consultant Fee	186816	\$ 2,000.00		\$ 43,443.05
1/30/2025	PLM Lake & Land Management	2025 EGLE Permit Fee	187090	\$ 875.00		\$ 42,568.05
1/31/2025	Huntington Bank	Interest Income			\$ 110.70	\$ 42,678.75
2/28/2025	Huntington Bank	Interest Income			\$ 96.23	\$ 42,774.98
3/31/2025	Huntington Bank	Interest Income			\$ 107.61	\$ 42,882.59
4/3/2025	Progressive Architects Engineers PL	2025 2nd Quarter Lake Consultant Fee	188327	\$ 2,000.00		\$ 40,882.59
4/30/2025	Huntington Bank	Interest Income			\$ 103.16	\$ 40,985.75
5/31/2025	Huntington Bank	Interest Income			\$ 104.93	\$ 41,090.68
6/3/2025	Montcalm County	2024 Collected Settlement			\$ 30,022.62	\$ 71,113.30
6/3/2025	Montcalm County	2024 Delinquent Settlement			\$ 2,177.38	\$ 73,290.68
6/30/2025	Huntington Bank	Interest Income			\$ 188.08	\$ 73,478.76
7/10/2025	Progressive Architects Engineers PL	2025 3rd Quarter Lake Consultant Fee	190325	\$ 2,000.00		\$ 71,478.76
7/10/2025	PLM Lake & Land Management	05/27/2025 Weed Treatment	190323	\$ 8,911.25		\$ 62,567.51
Remaining Balance						\$ 62,567.51



**MUSKELLUNGE LAKE**  
**LAKE IMPROVEMENT BOARD MEETING**

**July 23, 2025**

**4:00 P.M.**

**Drain Commissioner's Office**

**ATTENDANCE RECORD**

1. BOB Pickel
2. Randy Mancarelli
3. LUKE ARON — PROGRESSIVE
4. Sandy T. Flay
5. Anne Gaylord — MCDC
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