

**CLIFFORD LAKE
LAKE IMPROVEMENT BOARD
MEETING
September 11, 2024**

A meeting of the Clifford Lake, Lake Improvement Board was held at the Montcalm County Drain Commission, 211 W. Main Street, Stanton, Michigan on the 11th day of September 2024 at 4:00 P.M.

The meeting was called to order by Tom at 4:01 p.m.

PRESENT: Tom Koepke – Chairperson/Abutting Property Owner's Representative
Michon Wiesen – Douglass Township Representative
Matt Moorman – Douglass Township Representative
Todd Sattler – Secretary/Drain Commissioner

ABSENT: Adam Petersen – Board of Commissioner's Representative

ALSO

PRESENT: Luke Aaron & Jacob DeBoer – Progressive AE
John Otto – Resident
Anne Gaylord – MCDC

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

A motion was made by Michon and seconded by Matt to approve the minutes from June 11, 2024, as presented. Motion carried.

Public Comment

No public comment.

Treatment Update

Luke provided a treatment update to the board. See attached journal. PLM suggested only treating starry stonewort once a month instead of every two weeks. Luke would like to wait until the first survey to make that determination. He advised that Milfoil is continuing to grow after ProCellacor treatments, and he is concerned that it is hybridized. He added that it was treated on 8/28 with Triclopyr instead and noted that it may take 5-6 weeks to see results. Matt asked if heavy rains could affect treatments. Luke advised that a very heavy rain right after a treatment could absolutely change the effectiveness. Luke asked the board if they intend to complete a sonar treatment during this program. The board said, they would like to complete it in a few years. Luke noted that he would like to test genetics before a sonar treatment is completed to ensure the chemicals would be effective. Tom asked about lily pad treatment and noted that they are growing in the usual areas. Matt added that he has heard complaints about lily pads from a few residents. Luke will survey the lily pads and check on the effectiveness of the 8/28 Triclopyr treatment. He noted that there is just under \$2,000 left in the treatment budget and that would be

more than enough to cover a lily pad treatment. At least one board member will ride along for the next survey.

Financial Update

Todd provided a financial update to the board, including a current balance of \$27,816.02. He added that there is still one quarterly payment for \$2,000 left to pay for this season.

Other Business

Todd provided a special assessment roll to the board and noted that there were no splits of combinations this year, so the spread is the same as last year. The board noted that there will likely be some changes next season. Tom advised that the association has raised enough money to complete a fish study. Michon asked about testing for E. coli. Tom advised that it is around \$500 per test, and they have only found minuscule levels. Tom added that he would like to consider adding testing to future budgets. The next meeting will be held on June 11, 2025, at 4:00pm.

There being no further business to come before the Lake Board, a motion was made by Todd and seconded by Michon to adjourn the meeting at 4:43 p.m. Motion carried.



Todd Sattler, Secretary
Clifford 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 Clifford Lake, Lake Improvement Board, Montcalm County, Michigan held on September 11, 2024, and that said minutes are on file in the office of the Montcalm County Drain Commissioner and posted on the county website at montcalm.org 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 Clifford Lake, Lake Improvement Board.



Todd Sattler
Montcalm County Drain Commissioner

CLIFFORD LAKE LAKE IMPROVEMENT BOARD MEETING

September 11, 2024
4:00 PM

MONTCALM COUNTY DRAIN COMMISSION

211 W. Main Street
Stanton, MI 48888

Agenda

- Call to Order
- Approval of Agenda
- Approval of Minutes
 - June 11, 2024
- Public Comment
- Treatment Update
- Financial Update
- Other Business
- Public Comment
- Adjourn

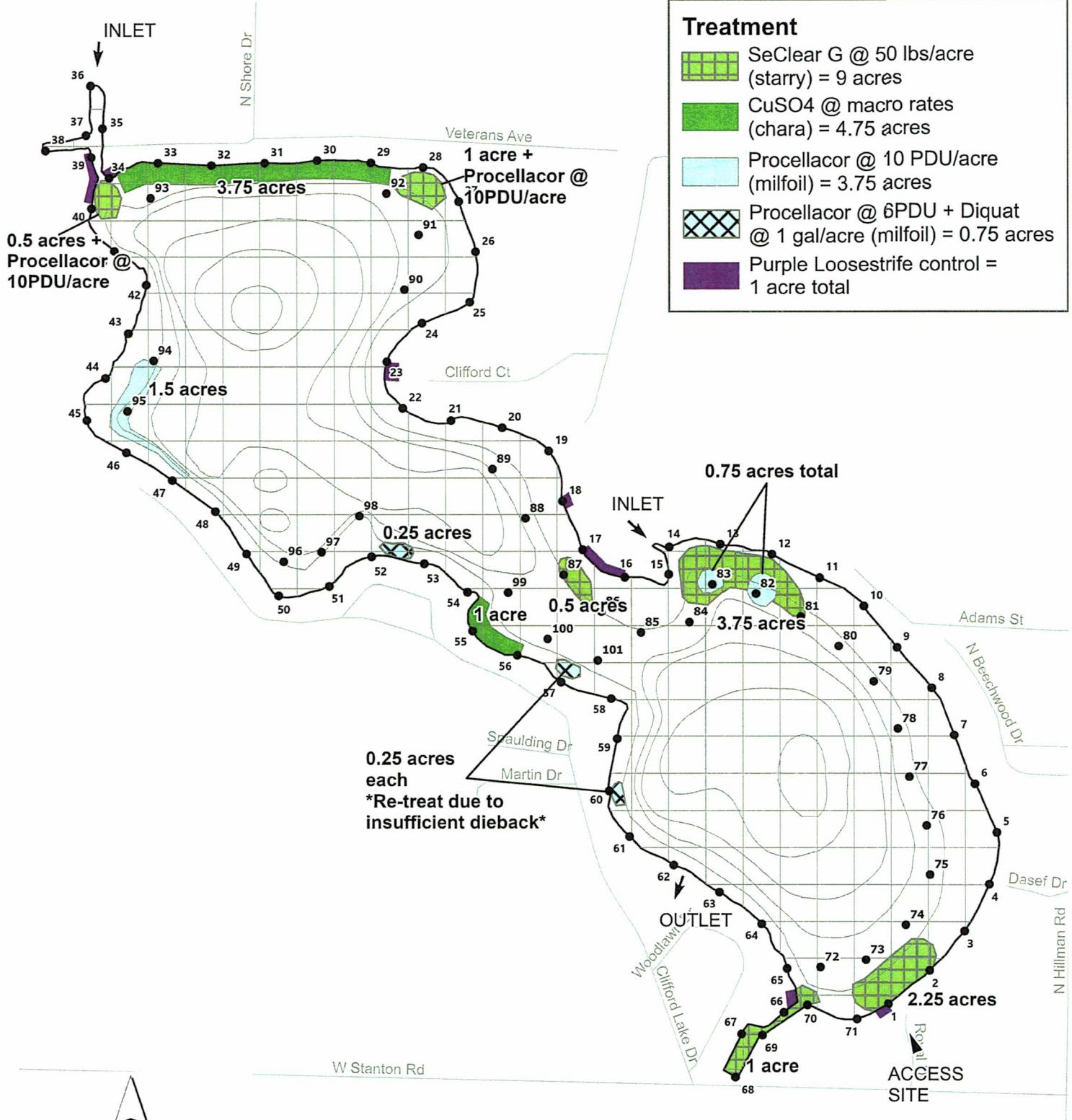
If you cannot attend the meeting, please call the office at 989-831-7322 or email Anne at agaylord@montcalm.us at least two days prior to the meeting.

Board Member

Tom Koepke, Chairperson/Abutting Property Owner's Representative
Todd Sattler, Secretary, Montcalm County Drain Commissioner
Adam Petersen, Board of Commissioner's Representative
Michon Wiesen, Douglass Township Representative
Matt Moorman, Douglass Township Representative

= 1 ACRE

CLIFFORD LAKE
MONTCALM COUNTY, MICHIGAN
TREATMENT MAP
SURVEY DATE: JULY 17, 2024



Treatment

- SeClear G @ 50 lbs/acre (starry) = 9 acres
- CuSO4 @ macro rates (chara) = 4.75 acres
- Procellacor @ 10 PDU/acre (milfoil) = 3.75 acres
- Procellacor @ 6 PDU + Diquat @ 1 gal/acre (milfoil) = 0.75 acres
- Purple Loosestrife control = 1 acre total

= 1 ACRE

CLIFFORD LAKE
MONTCALM COUNTY, MICHIGAN
STARRY STONEWORT
TREATMENT MAP
JULY 2024



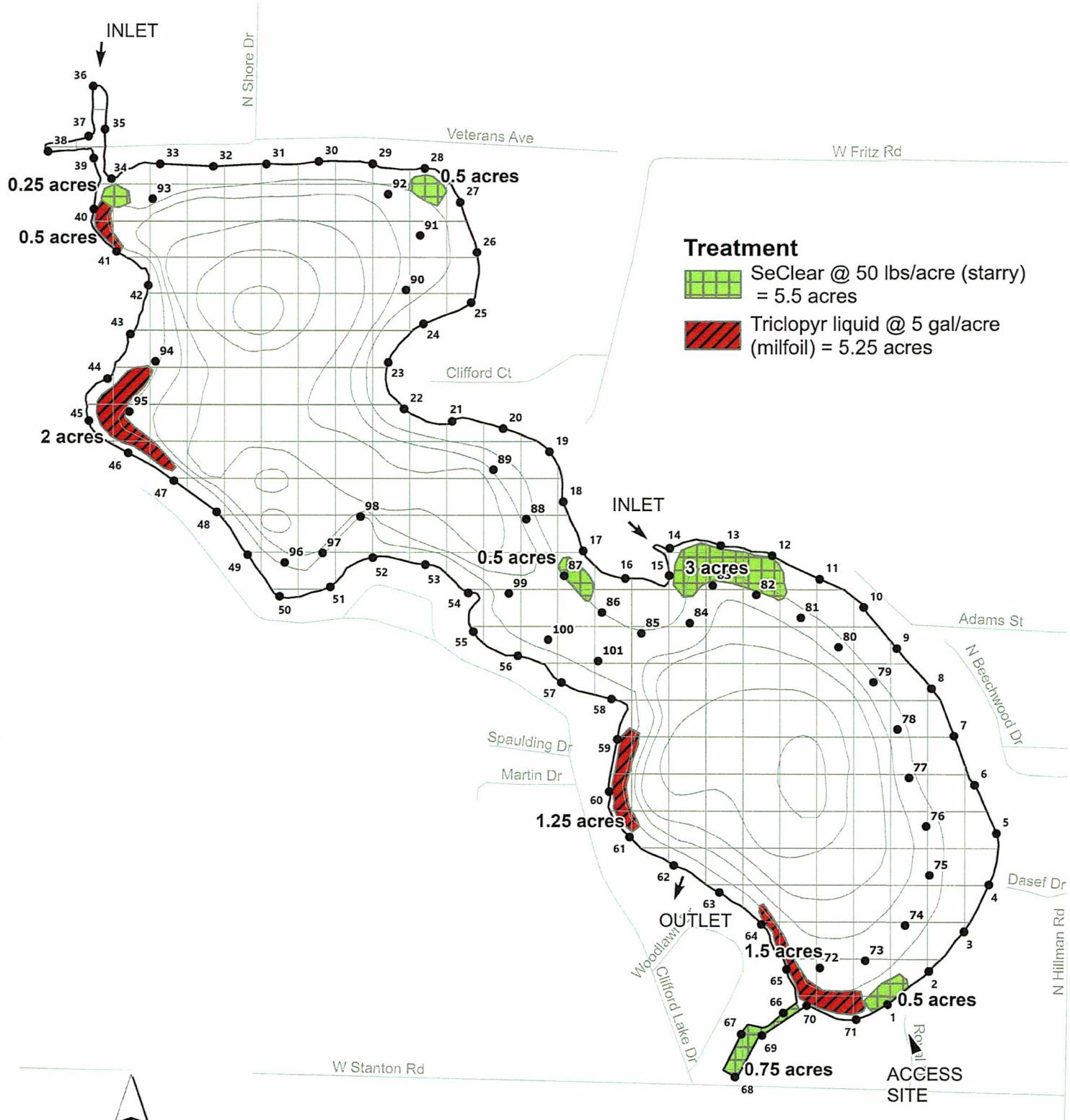
LAKE AREA = 205 ACRES
REVISION DATE : JANUARY 2024

progressive | ae

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

= 1 ACRE

CLIFFORD LAKE
MONTCALM COUNTY, MICHIGAN
TREATMENT MAP
SURVEY DATE: AUGUST 22, 2024



LAKE AREA = 205 ACRES
REVISION DATE : JANUARY 2024

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



Project Work Journal

1

Clifford Lake

Beginning Balance: \$26,000.00

3/16/2024 Survey

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
5/20/2024	Flumioxazin	Curly-leaf Pondweed	3.25 acre(s)	200.00	\$975.00	\$24,150.00
		Eurasian Milfoil				
		Starry Stonewort				
5/20/2024	Diquat dibromide @ 1 gal/acre	Curly-leaf Pondweed	3.50 acre(s)	\$560.00	\$23,590.00	
		Eurasian Milfoil				
5/20/2024	Algae control (chelated copper only)	Filamentous or Planktonic Algae	9.75 acre(s)	\$877.50	\$22,712.50	
5/20/2024	Diquat dibromide @ 1 gal/acre + 6 PDU ProcellaCOR	Curly-leaf Pondweed	3.75 acre(s)	\$2,343.75	\$20,368.75	
		Eurasian Milfoil				
Invoice Total			\$4,756.25		\$20,368.75	

6/11/2024 Survey

LJA and JAD survey. Water: 73 degrees. Found milfoil, starry stonewort, and a little nuisance algae.

9/11/2024 7:52:27 AM

Clifford Lake Finance Sheet 2023-2027 (84002)

Wednesday, September 11, 2024

Date	Vendor	Description	Check Number	Expenses	Revenue	Balance
10/4/2022		Beginning Balance				\$ 6,703.85
10/4/2022	SPICER GROUP	ARC GIS Support	169208	\$167.00		\$ 6,536.85
10/4/2022	The Michigan Riparian	Dues & Membership	169203	\$142.00		\$ 6,394.85
10/20/2022	Progressive AE	4th Quarter Lake Consultant Fee	169529	\$2,000.00		\$ 4,394.85
1/9/2023	Progressive AE	1st Quarter Lake Consultant Fee	171352	\$2,000.00		\$ 2,394.85
1/26/2023	PLM Lake & Land Management	2023 EGLE Permit Fee	171555	\$875.00		\$ 1,519.85
5/2/2023	Montcalm County	2022 Delinquent Tax Settlement			\$ 1,841.89	\$ 3,361.74
5/4/2023	Progressive AE	2nd Quarter Lake Consultant Fee		\$2,000.00		\$ 1,361.74
5/8/2023	Montcalm County	2022 Collected Settlement			\$ 35,158.11	\$ 36,519.85
5/31/2023	Huntington Bank	Interest Income			\$ 107.18	\$ 36,627.03
6/30/2023	Huntington Bank	Interest Income			\$ 118.79	\$ 36,745.82
7/5/2023	PLM Lake & Land Management	05/31/2023 Weed & Algae Treatment	174934	\$5,055.00		\$ 31,690.82
7/13/2023	PLM Lake & Land Management	06/3/2023 Algae Treatment	174093	\$1,777.50		\$ 29,913.32
7/20/2023	Progressive AE	3rd Quarter Consultant Fee	175147	\$2,000.00		\$ 27,913.32
7/31/2023	Huntington Bank	Interest Income			\$ 92.05	\$ 28,005.37
8/10/2023	PLM Lake & Land Management	07/13/2023 Algae Treatment	175516	\$211.25		\$ 27,794.12
8/24/2023	PLM Lake & Land Management	07/28/2023 Algae Treatment	175848	\$2,802.50		\$ 24,991.62
8/24/2023	PLM Lake & Land Management	08/14/2023 Algae Treatment	175848	\$2,802.50		\$ 22,189.12
8/31/2023	Huntington Bank	Interest Income			\$ 73.48	\$ 22,262.60
9/7/2023	PLM Lake & Land Management	08/28/2023 Weed & Lily Pad Treatment	176111	\$350.00		\$ 21,912.60
9/30/2023	Huntington Bank	Interest Income			\$ 68.48	\$ 21,981.08
10/19/2023	MLSA	Riparian Dues & Membership	177042	\$142.00		\$ 21,839.08
10/19/2023	Progressive AE	4th Quarter Lake Consultant Fee	177051	\$2,000.00		\$ 19,839.08
10/31/2023	Huntington Bank	Interest Income			\$ 64.06	\$ 19,903.14
11/30/2023	Huntington Bank	Interest Income			\$ 61.39	\$ 19,964.53
12/31/2023	Huntington Bank	Interest Income			\$ 63.71	\$ 20,028.24
1/18/2024	Progressive AE	1st Quarter Lake Consultant Fee	178927	\$2,000.00		\$ 18,028.24
1/31/2024	Huntington Bank	Interest Income			\$ 58.78	\$ 18,087.02
2/29/2024	Huntington Bank	Interest Income			\$ 54.20	\$ 18,141.22
3/7/2024	PLM Lake & Land Management	2024 EGLE Permit Fee	179950	\$875.00		\$ 17,266.22
3/31/2024	Huntington Bank	Interest Income			\$ 58.86	\$ 17,325.08
4/11/2024	Progressive AE	2nd Quarter Lake Consultant Fee	180780	\$2,000.00		\$ 15,325.08
4/30/2024	Huntington Bank	Interest Income			\$ 50.97	\$ 15,376.05
5/13/2024	Montcalm County	2023 Collected Settlement			\$ 34,397.32	\$ 49,773.37
5/13/2024	Montcalm County	2023 Delinquent Settlement			\$ 2,602.68	\$ 52,376.05
5/31/2024	Huntington Bank	Interest Income			\$ 164.30	\$ 52,540.35
6/27/2024	PLM Lake & Land Management	05/21/2024 Weed & Algae Treatment	182543	\$4,756.25		\$ 47,784.10
7/1/2024	Huntington Bank	Interest Income			\$ 178.67	\$ 47,962.77
7/11/2024	Progressive AE	3rd Quarter Consultant Fee		\$2,000.00		\$ 45,962.77
7/31/2024	Huntington Bank	Interest Income			\$ 161.08	\$ 46,123.85
8/1/2024	PLM Lake & Land Management	06/17/2024 Weed & Algae Treatment	183219	\$4,552.50		\$ 41,571.35
8/31/2024	Huntington Bank	Interest Income			\$ 142.17	\$ 41,713.52
9/5/2024	PLM Lake & Land Management	07/22/2024 Weed & Algae Treatment	183969	\$6,732.50		\$ 34,981.02
9/12/2024	PLM Lake & Land Management	08/08/2024 Algae Treatment	184172	\$2,655.00		\$ 32,326.02
9/12/2024	PLM Lake & Land Management	08/28/2024 Weed & Algae Treatment	184172	\$4,510.00		\$ 27,816.02
		Remaining Balance				\$ 27,816.02