

**COWDEN LAKE**  
**LAKE IMPROVEMENT BOARD**  
**MEETING**

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**May 22, 2023**

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A meeting of the Cowden Lake, Lake Improvement Board was held at the Montcalm County Drain Commission, 211 W. Main Street, Stanton, Michigan on the 22<sup>nd</sup> day of May 2023 at 4:30 P.M.

The meeting was called to order by Todd M. at 4:30 p.m.

**PRESENT:** Todd McClelland, Chairperson  
Victor Matulis, Maple Valley Township Representative  
Jerry Wright, Abutting Property Owner's Representative  
Todd Sattler, Secretary/Montcalm County Drain Commissioner

**ABSENT:** Pat Carr, Board of Commissioner's Representative

**ALSO**

**PRESENT:** Rick Buteyn, Progressive AE  
Anne Gaylord, and Sara McGill, MCDC

A motion was made by Todd S and seconded by Victor to approve the agenda. Motion carried.

A motion was made by Todd S and seconded by Victor to approve the minutes from August 24, 2022, as amended. Motion carried.

**Public Comment**  
No public comment.

**Public Hearing**

Todd S explained the process of the public hearing and noted that he would like to clean up the assessment roll and benefit factors before the hearing. He would like to remove factors based on size and also remove the contiguous lot factor. The Board would like to hold the meeting at the Maple Valley Township Hall on July 12<sup>th</sup> at 6:00 pm. Todd M is going to get a hold of Andi at Maple Valley to check on availability of the hall. Todd S asked the Board if they would like to have Spicer clean up and create a new roll with the new revised factors. He guessed that it would be relatively cheap (around \$500.00) to have them do the work since the roll is already so simple. Todd S advised that he is working with Spicer to assess the DNR for the public boat launch since that is likely where the invasive species are being brought into the lake.

A motion was made by Victor and seconded by Jerry to direct Todd S to contact Spicer to update the benefit factors and rolls with a cost not to exceed \$1,500.00. Motion carried.

### Treatment Update

Rick provided a treatment update to the Board. He advised that the survey had been completed earlier in the day and that he noticed a lot of Milfoil that needs to be treated. The first treatment is scheduled for May 23<sup>rd</sup> at a cost of around \$7,000.00.

### Financial Update

Todd S provided a current balance of \$51,912.58 to the Board and noted that they are now earning interest on their fund balance.

A motion was made by Todd S and seconded by Todd M to accept the treasurer's report as presented. Motion carried.

### Other Business

Rick provided a new contract price for the next five-year cycle. He noted that there is an increase of \$2,000.00 for the next five years. The next meeting will be held on June 20, 2023, at 2:00 pm, in the Drain Office.

There being no further business to come before the Lake Board, a motion was made by Todd S and seconded by Jerry to adjourn the meeting at 5:48 p.m. Motion carried.



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Todd Sattler, Secretary  
Cowden 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 Cowden Lake, Lake Improvement Board, Montcalm County, Michigan held on May 22, 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.org](http://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 Cowden Lake, Lake Improvement Board.



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Todd Sattler  
Montcalm County Drain Commissioner

COWDEN LAKE,  
LAKE IMPROVEMENT BOARD MEETING

May 22, 2023

4:30 P.M.

Montcalm County Drain Commission  
211 W. Main  
Stanton MI 48888

ATTENDANCE RECORD

	Name	Address
1.	Todd Sattler	
2.	JERRY WRIGHT	
3.	Todd MacLellan	
4.	Victor Matulis	
5.	Rick Butzer	
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**COWDEN LAKE  
LAKE IMPROVEMENT BOARD  
MEETING**

May 22, 2023  
4:30 P.M.

**MONTCALM COUNTY DRAIN COMMISSION**

211 W. Main Street  
Stanton, Michigan

**Agenda**

- Call to Order
- Approval of Agenda
- Approval of Minutes
  - August 24, 2022
- Public Comment
- Public Hearing
  - Schedule
  - Benefit Factors
  - Assessment Roll
  - Budget
- Weed Control Program
- Financial Update
- Other Business
- Adjourn

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

**Board Members**

Todd McClland, Chairperson  
Jerry Wright, Abutting Property Owner's Representative  
Victor Matulis, Maple Valley Township Representative  
Pat Carr, Board of Commissioner's Representative  
Todd Sattler, Secretary/Montcalm County Drain Commissioner

**COWDEN LAKE  
MAPLE VALLEY TOWNSHIP  
WEED CONTROL PROGRAM  
2019-2023  
SPECIAL ASSESSMENT ROLL  
2018-2022**

<b>IMPROVEMENT</b>	<b>ANNUAL COST</b>
Nuisance Aquatic Plant Control	\$14,000
Aquatic Plant Control Coordination/Field Evaluations	\$6,000
Goose Round-Up	\$750
Progressive AE Administration	\$1,500
Administration and Contingency	\$2,000
<b>TOTAL</b>	<b>\$24,250</b>
Less Existing Surplus	(\$2,000)
<b>Total Annual Assessment</b>	<b>\$22,250</b>

The Cowden Lake plant control program would include the select use of herbicides to control nuisance plant growth. The program would focus primarily on invasive species such as Eurasian milfoil, curly-leaf pondweed and starry stonewort

Plant control activities are proposed to be coordinated under the direction of the Cowden Lake Improvement Board's consultant, Progressive AE. The consultant would be responsible for preparing contract documents for the plant control program, conducting GPS-guided surveys of the lake to determine the scope of work to be performed by the herbicide applicator, and conducting follow-up surveys to ensure work is performed in a satisfactory manner. The consultant would report to the lake board regarding treatment effectiveness, and maintain a written record of the timing, scope and cost of plant control activities.

Goose round-ups are proposed to be conducted on an as-needed basis throughout the duration of the project.

Project administration and contingency would include costs related to public hearing proceedings, mailings, meetings, and contingent expenses.

## **BENEFIT FACTORS**

### **USE AND SIZE FACTORS**

Lakefront parcels with 300 feet or more frontage	2
Lakefront parcels with less than 300 feet of frontage	1

Contiguous lots in common ownership will be assessed as one parcel provided only one dwelling exists on the parcel.

Cowden Lake Finance Sheet 2019 - 2023 (84003)						
Monday, May 22, 2023						
Date	Vendor	Description	Check #	Expenses	Revenue	Balance
		Beginning Balance				\$ 26,274.98
5/31/2019	Montcalm County	2018 Settlement			\$ 22,250.00	\$ 48,524.98
6/27/2019	Michigan Lakefront Solutions	Invoice #279A Weed Treatment		\$ 1,102.80		\$ 47,422.18
7/11/2019	Progressive AE	1st Quarter Lake Consulting Fee		\$ 1,875.00		\$ 45,547.18
7/25/2019	Michigan Lakefront Solutions	Invoice # 296 Weed Treatment		\$ 4,021.09		\$ 41,526.09
8/22/2019	Michigan Lakefront Solutions	Invoice #323 Weed Treatment		\$ 5,119.76		\$ 36,406.33
10/3/2019	Michigan Lakefront Solutions	Invoice #345 Eel Grass Treatment		\$ 5,368.44		\$ 31,037.89
10/10/2019	Progressive AE	2nd Quarter Lake Consultant Fee		\$ 1,875.00		\$ 29,162.89
1/6/2020	Progressive AE	3rd Quarter Lake Consulting Fee		\$ 1,875.00		\$ 27,287.89
4/8/2020	Michigan Lakefront Solutions	2020 Permit Fee		\$ 800.00		\$ 26,487.89
3/3/2020	Progressive AE	2nd Quarter Lake Consultant Fee		\$ 1,875.00		\$ 24,612.89
6/1/2020	Montcalm County	2019 Tax Collection			\$ 22,250.00	\$ 46,862.89
7/16/2020	Progressive AE	3rd Quarter Lake Consulting Fee	154062	\$ 1,875.00		\$ 44,987.89
6/28/2020	Michigan Lakefront Solutions	Weed Treatment	154163	\$ 2,783.02		\$ 42,204.87
7/23/2020	Michigan Lakefront Solutions	Eel Grass Treatment	154810	\$ 5,927.65		\$ 36,277.22
8/28/2020	Progressive AE	4th Quarter Lake Consulting Fee	155659	\$ 1,875.00		\$ 34,402.22
8/31/2020	Montcalm County	Indirect Cost Allocations		\$ 348.36		\$ 34,053.86
9/11/2020	Spicer Group	Accounts Support	156014	\$ 50.00		\$ 34,003.86
9/30/2020	Cowden Lake	Interest Revenue			\$ 70.30	\$ 34,074.16
1/19/2021	Progressive AE	1st Quarter Lake Consulting Fee	157254	\$ 1,875.00		\$ 32,199.16
4/8/2021	Michigan Lakefront Solutions	2021 EGLE Permit Fee	158601	\$ 800.00		\$ 31,399.16
4/8/2021	Progressive AE	2nd Quarter Lake Consultant Fee	158616	\$ 1,875.00		\$ 29,524.16
4/30/2021	Montcalm County	2020 Tax Settlement			\$ 22,250.00	\$ 51,774.16
6/22/2021	Michigan Lakefront Solutions	06/02/2021 Weed Treatment	160003	\$ 2,259.41		\$ 49,514.75
7/6/2021	Progressive AE	3rd Quarter Lake Consulting Fee	160330	\$ 1,875.00		\$ 47,639.75
7/29/2021	Michigan Lakefront Solutions	06/22/2021 Weed Treatment	160793	\$ 4,040.00		\$ 43,599.75
8/26/2021	Michigan Lakefront Solutions	07/28/2021 Weed Treatment	161340	\$ 6,998.60		\$ 36,601.15
10/7/2021	Progressive AE	4th Quarter Lake Consulting Fee	162065	\$ 1,875.00		\$ 34,726.15
1/20/2022	Progressive AE	1st Quarter Lake Consulting Fee	163988	\$ 1,875.00		\$ 32,851.15
4/7/2022	Progressive AE	2nd Quarter Lake Consultant Fee	165494	\$ 1,875.00		\$ 30,976.15
4/21/2022	Michigan Lakefront Solutions	2022 EGLE Permit Fee	165786	\$ 800.00		\$ 30,176.15
5/23/2022	Montcalm County	2021 Collected Settlement			\$ 21,379.00	\$ 51,555.15
5/23/2022	Montcalm County	2021 Delinquent Settlement			\$ 871.00	\$ 52,426.15
7/7/2022	Spicer Group	Accounts Support	167408	\$ 32.81		\$ 52,393.34
7/7/2022	Spicer Group	Accounts Support	167408	\$ 41.75		\$ 52,351.59
7/14/2022	Progressive AE	3rd Quarter Lake Consulting Fee	167583	\$ 1,875.00		\$ 50,476.59
8/11/2022	Michigan Lakefront Solutions	06/28/2022 Weed & Algae Treatment	168137	\$ 4,852.00		\$ 45,624.59
9/20/2022	Michigan Lakefront Solutions	07/26/2022 Weed Treatment	168869	\$ 6,151.33		\$ 39,473.26
10/20/2022	Progressive AE	4th Quarter Lake Consulting Fee	169529	\$ 1,875.00		\$ 37,598.26
10/20/2022	Michigan Lakefront Solutions	06/02/2022 Weed Treatment	169516	\$ 2,854.80		\$ 34,743.46
1/19/2023	Progressive AE	1st Quarter Lake Consulting Fee	171352	\$ 1,875.00		\$ 32,868.46
1/26/2023	Michigan Lakefront Solutions	2023 EGLE Permit Fee	171550	\$ 875.00		\$ 31,993.46
1/31/2023	Huntington Bank	Interest Revenue			\$ 72.01	\$ 32,065.47
2/28/2023	Huntington Bank	Interest Revenue			\$ 120.92	\$ 32,186.39
3/31/2023	Huntington Bank	Interest Revenue			\$ 102.98	\$ 32,289.37
4/18/2023	Progressive AE	2nd Quarter Lake Consultant Fee	173256	\$ 1,875.00		\$ 30,414.37
4/30/2023	Huntington Bank	Interest Revenue			\$ 95.85	\$ 30,510.22
5/2/2023	Montcalm County	2022 Delinquent Settlement			\$ 1,271.41	\$ 31,781.63
5/8/2023	Montcalm County	2022 Collected Settlement			\$ 20,130.95	\$ 51,912.58
		Remaining Balance				\$ 51,912.58

## Project Work Journal

## Cowden Lake

2023

Beginning Balance: \$14,000.00

Date	Type	Results
1/2/2023	Permit	2023 Permit Authorization

Application Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
1/19/2023	Permit Fee		1.00 each		\$875.00	\$13,125.00
<b>Invoice 936 Total</b>					<b>\$875.00</b>	<b>\$13,125.00</b>

5/18/2023 Survey RCB, LDP, Vic, Jerry: Significant milfoil beds marked for treatment.

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
	Diquat dibromide @ 1 gal/acre	Curly-leaf Pondweed	1.00 acre(s)		\$226.81	\$12,898.19
	Diquat dibromide @ 1 gal/acre + 4 PDU ProcellaCOR	Eurasian Milfoil	15.50 acre(s)		\$6,820.00	\$6,078.19
<b>Work Order Total</b>					<b>\$7,046.81</b>	<b>\$6,078.19</b>

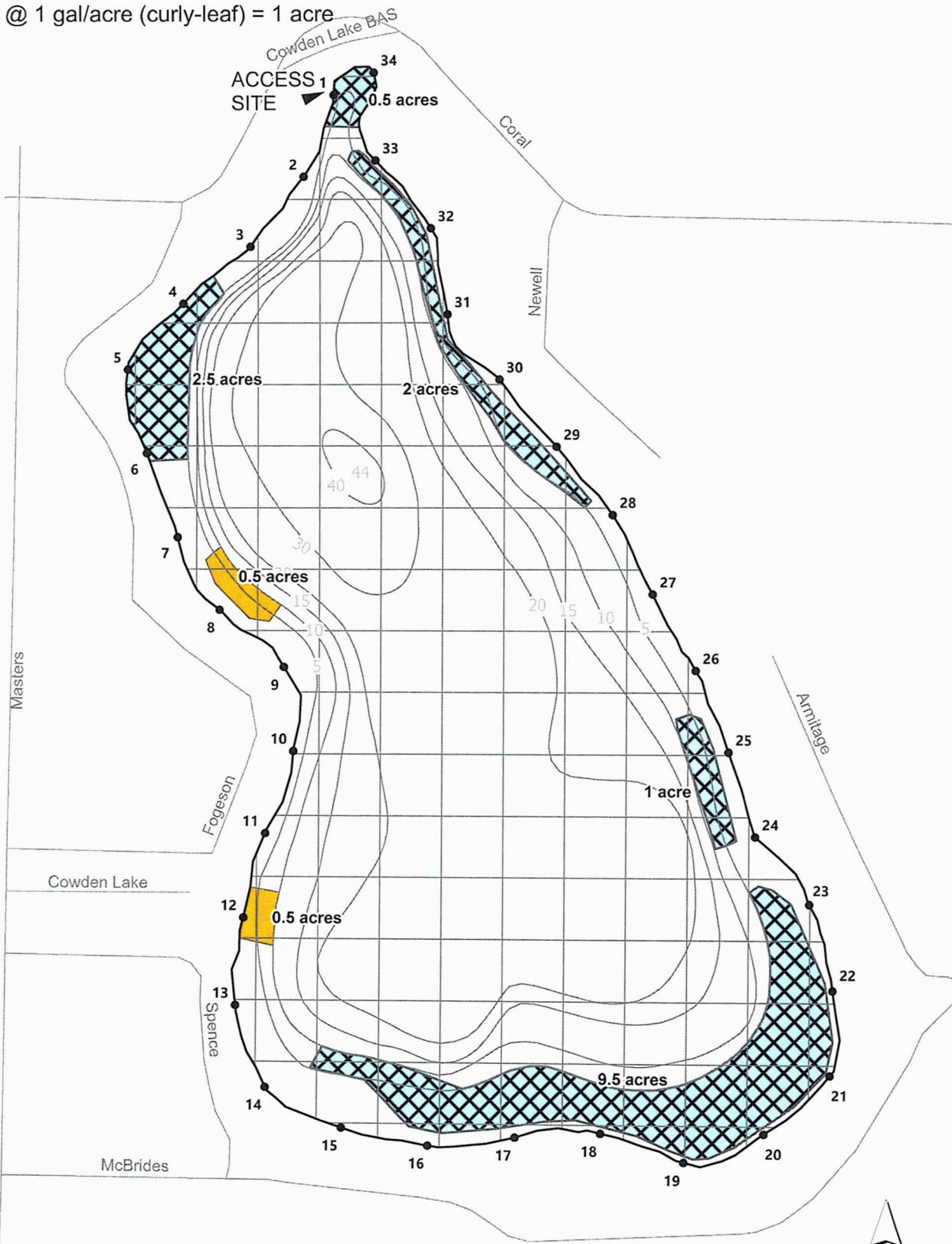
**COWDEN LAKE  
MONTCALM COUNTY, MICHIGAN  
TREATMENT MAP  
SURVEY DATE: MAY 18, 2023**

= 1 ACRE

**Treatment**

 Procellacor @ 4 PDU/acre + Diquat @ 1 gal/acre (milfoil) = 15.5 acres

 Diquat @ 1 gal/acre (curly-leaf) = 1 acre



LAKE AREA = 110 ACRES

REVISION DATE: FEBRUARY 2022

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

0 340 680  
Feet

**progressive** ae