

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

**September 16, 2024**

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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 16th day of September 2024 at 4:00 P.M.

The meeting was called to order by Todd M at 4:08 p.m.

PRESENT: Todd McClelland – Chairperson  
Jerry Wright – Abutting Property Owner’s Representative  
Victor Matulis – Maple Valley Township Representative  
Todd Sattler – Treasurer/Drain Commissioner

ABSENT: Pat Carr – Board of Commissioner’s Representative

ALSO

PRESENT: Luke Aaron – Progressive AE  
Anne Gaylord – MCDC

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

A motion was made by Todd S and seconded by Jerry to approve the minutes from May 21, 2024, as amended. Motion carried.

Public Comment  
No public present.

Treatment Update

Luke provided a treatment update to the board, see attached journal. Luke advised that the ProCellacor/Diquat mix did not work on the milfoil as it usually does. The lake required another treatment with Triclopyr on 9/11. The effects of the treatment should be visible in early October. There is still significant wild celery after the treatment. Luke believes the light winter contributed to the growth as he is seeing it on other area lakes, too. Jerry asked if sonar affects wild celery. Luke said he could look into it, but he doesn’t believe that would be a great solution. He advised that he is doing a deep dive into wild celery treatments on another lake. There were no algae issues on the lake this season. The treatment budget was overspent of \$1,100 due to the milfoil issues.

#### Financial Update

Todd S provided a financial update to the board, including a current balance of \$46,293.59. He noted that there are still 2 outstanding invoices for treatment and 1 for the consulting fee for a total of \$9,853.63.

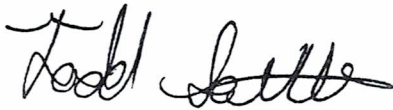
#### Special Assessment Roll

Todd S presented a special assessment roll to the board with the splits and combinations that were completed this year.

#### Other Business

No other business.

There being no further business to come before the Lake Board, a motion was made by Todd S and seconded by Victor to adjourn the meeting at 4:58 p.m. Motion carried.



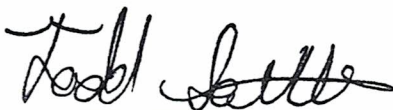
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Todd Sattler, Secretary  
Cowden Lake, Lake Board

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 September 16, 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](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**

September 16, 2024  
4:00 P.M.

**MONTCALM COUNTY DRAIN COMMISSION**

211 W. Main Street  
Stanton, Michigan

**Agenda**

- Call to Order
- Approval of Agenda
- Approval of Minutes
  - May 21, 2024
- Public Comment
- Treatment Update
- Financial Update
- Special Assessment
- 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 McCelland, Maple Valley Township Representative/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

## Project Work Journal

### Cowden Lake

**2024** **Beginning Balance: \$16,000.00**

Date	Type	Results					
1/18/2024	Permit	2024 Permit Authorization					
		</					

## Project Work Journal

### Cowden Lake

2024

Beginning Balance: \$16,000.00

9/4/2024 Survey

Survey by: LJA and JAD.


Water: 74 degrees.

Notes: Some milfoil still standing. Opting to treat larger/healthier areas and leave the rest as much of it appears to be brown and not growing. Significant wild celery around most of the shoreline - flowered despite treatment in early July.


Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
9/11/2024	Triclopyr liquid	Hybrid Milfoil	7.50 acre(s)	3.00 gallons/acre	\$3,262.50	(\$1,117.83)
				Invoice 1330 Total	\$3,262.50	(\$1,117.83)




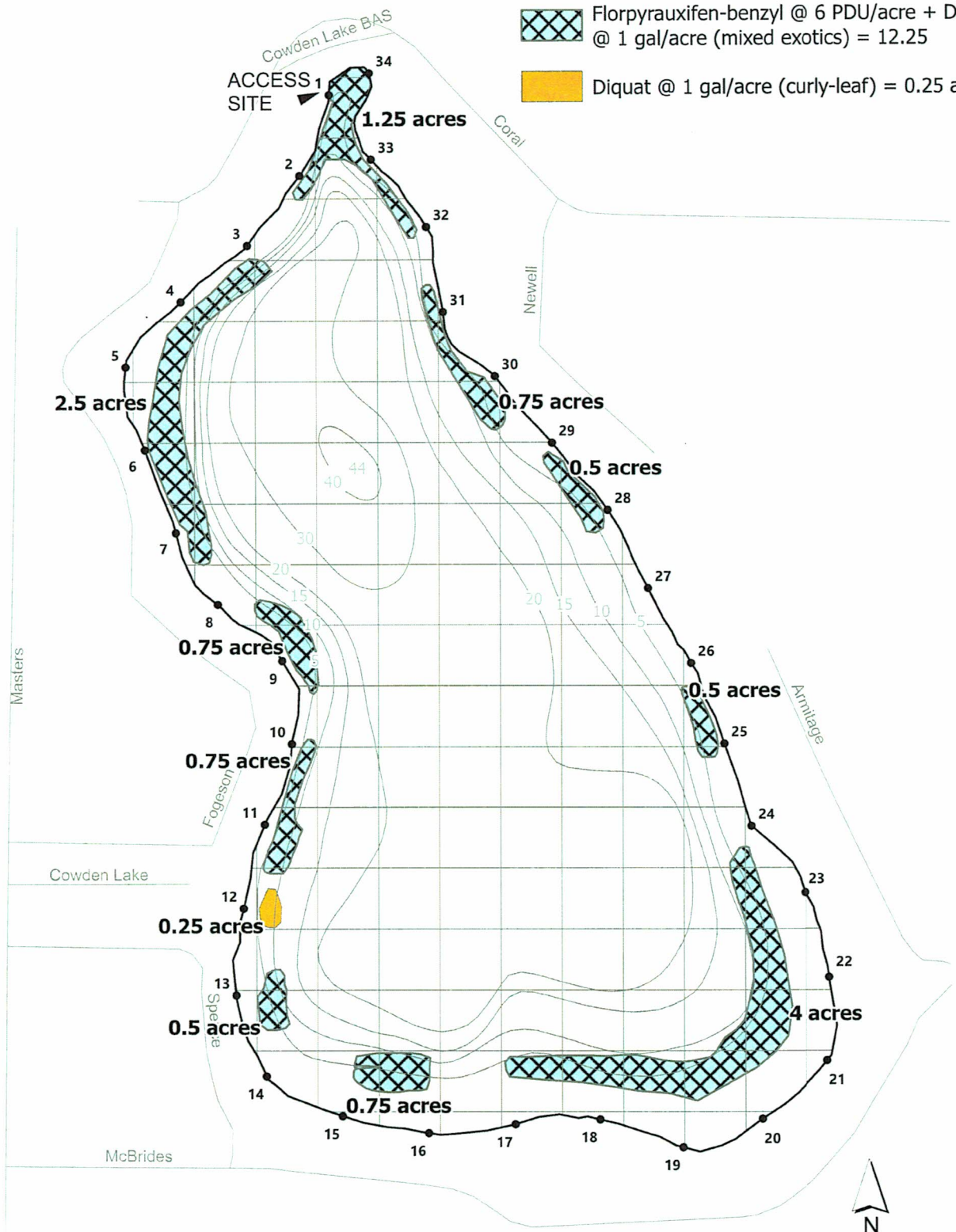
# COWDEN LAKE MONTCALM COUNTY, MICHIGAN TREATMENT MAP SURVEY DATE: MAY 20, 2024

 = 1 ACRE

## Treatment

 Florpyrauxifen-benzyl @ 6 PDU/acre + Diquat @ 1 gal/acre (mixed exotics) = 12.25

 Diquat @ 1 gal/acre (curly-leaf) = 0.25 acres




LAKE AREA = 110 ACRES  
REVISION DATE: FEBRUARY 2022


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

0 400 800 Feet  
  
progressive | ae

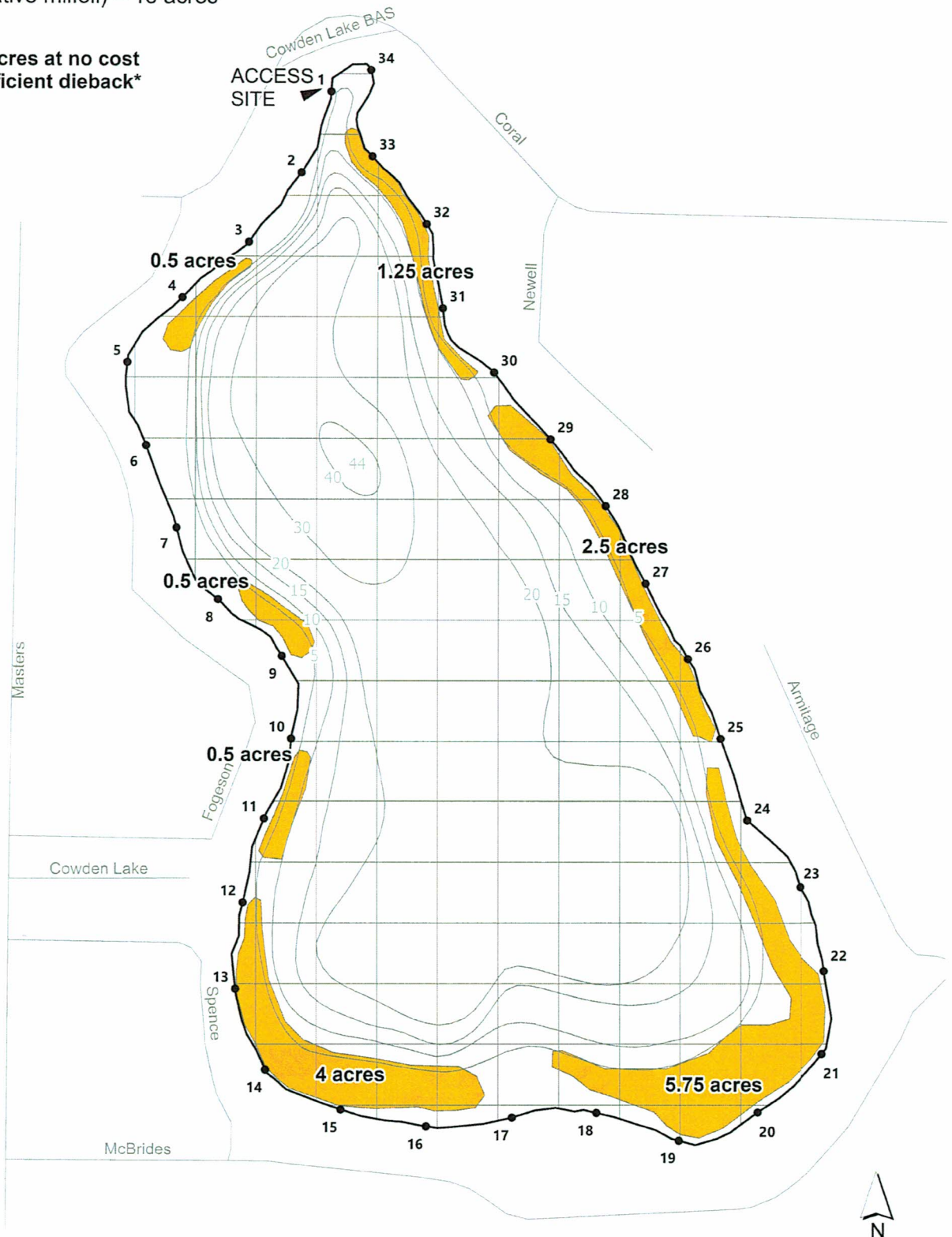
**COWDEN LAKE  
MONTCALM COUNTY, MICHIGAN  
TREATMENT MAP 1 OF 2  
SURVEY DATE: JUNE 27, 2024**

 = 1 ACRE

**Treatment**

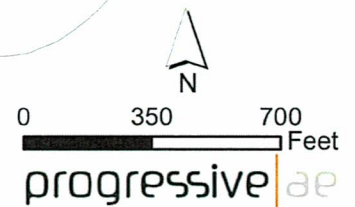
 Diquat @ 1 gal/acre  
(non-native milfoil) = 15 acres

**\*Re-treat 9 acres at no cost  
due to insufficient dieback\***




LAKE AREA = 110 ACRES  
REVISION DATE: FEBRUARY 2022


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

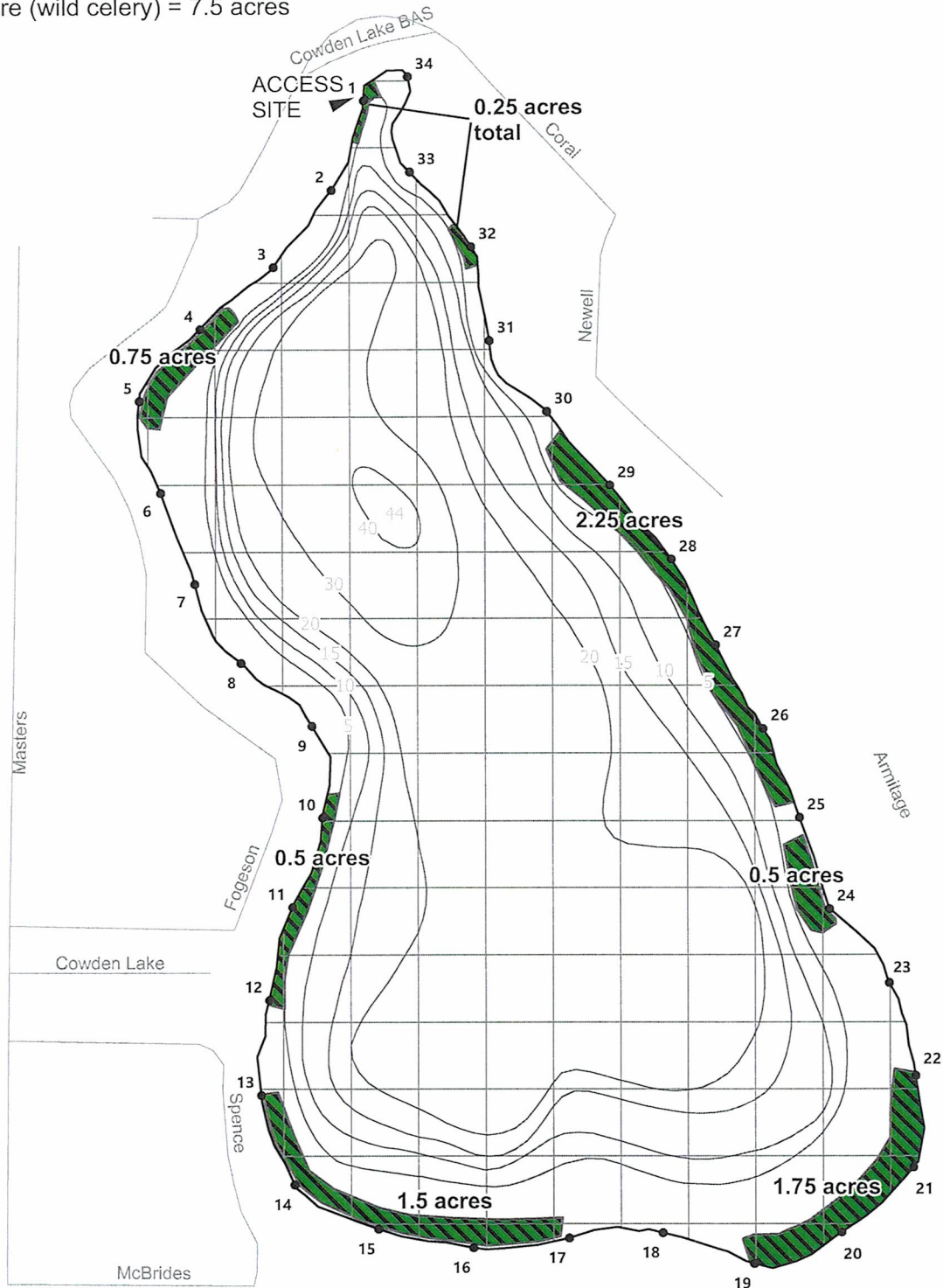


**COWDEN LAKE  
MONTCALM COUNTY, MICHIGAN  
TREATMENT MAP 2 OF 2  
SURVEY DATE: JUNE 27, 2024**

 = 1 ACRE

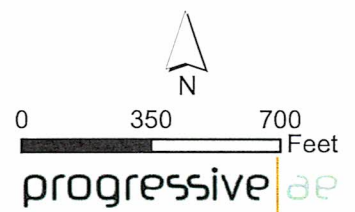
**Treatment**

 Chelated Copper Liquid @  
9 gal/acre (wild celery) = 7.5 acres




LAKE AREA = 110 ACRES  
REVISION DATE: FEBRUARY 2022

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




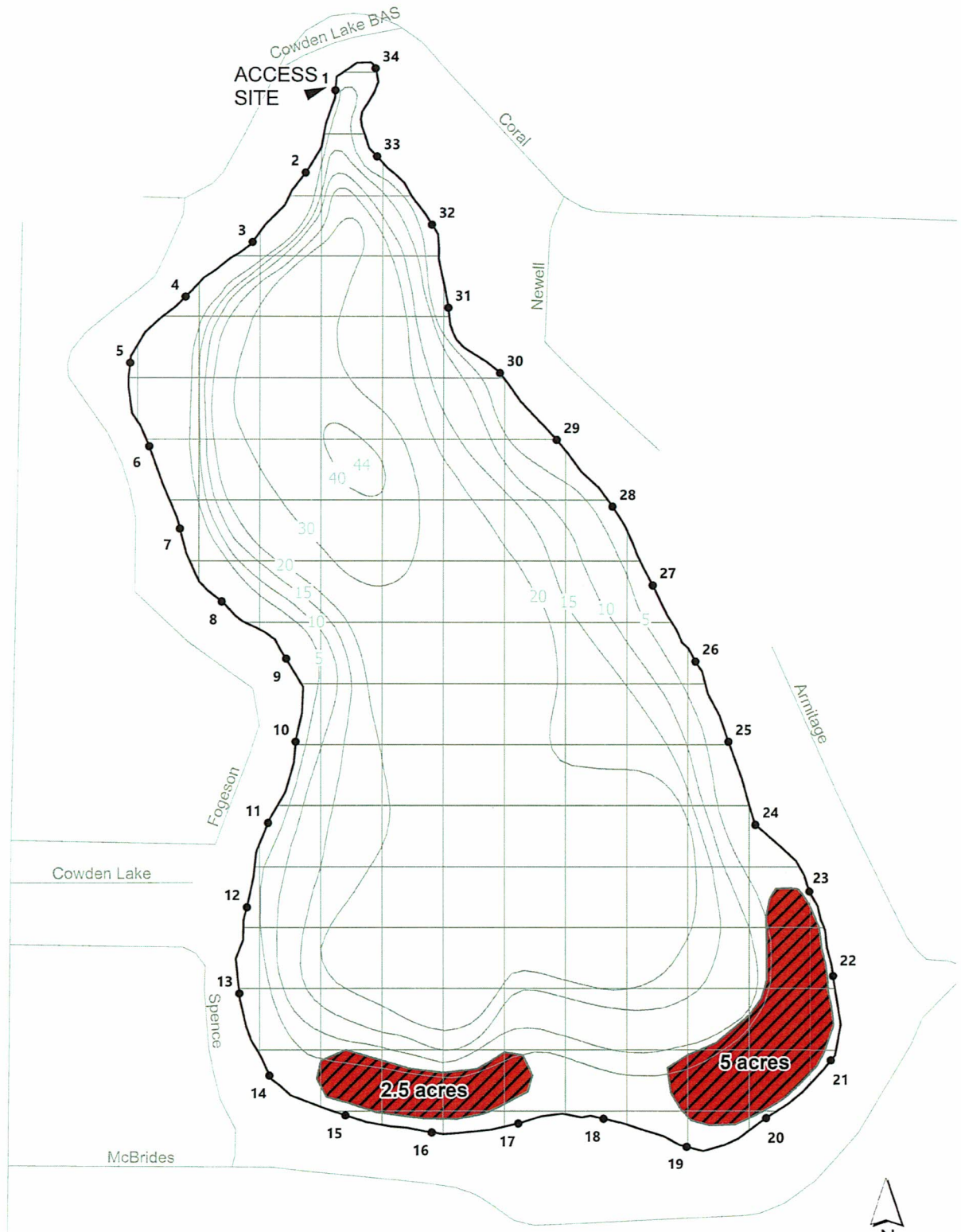


**COWDEN LAKE  
MONTCALM COUNTY, MICHIGAN  
TREATMENT MAP  
SURVEY DATE: SEPTEMBER 4, 2024**

 = 1 ACRE


**Treatment**

 Triclopyr liquid @ 3 gal/acre (milfoil) = 7.5 acres



LAKE AREA = 110 ACRES  
REVISION DATE: FEBRUARY 2022

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

  
0 350 700 Feet  
**progressive** ae

## Cowden Lake Finance Sheet 2024 - 2028 (84003)

Monday, September 16, 2024

Date	Vendor	Description	Check #	Expenses	Revenue	Balance
10/1/2023		Beginning Balance				\$ 36,711.72
10/19/2023	Progressive Architects Engineers PL (385)	4th Quarter Lake Consultant Fee	177051	\$ 1,875.00		\$ 34,836.72
10/31/2023	Huntington Bank	Interest Income			\$ 112.48	\$ 34,949.20
11/30/2023	Huntington Bank	Interest Income			\$ 107.79	\$ 35,056.99
12/31/2023	Huntington Bank	Interest Income			\$ 111.87	\$ 35,168.86
1/18/2024	Progressive Architects Engineers PL (385)	1st Quarter Lake Consultant Fee	178927	\$ 1,875.00		\$ 33,293.86
1/31/2024	Huntington Bank	Interest Income			\$ 108.55	\$ 33,402.41
2/29/2024	Huntington Bank	Interest Income			\$ 100.09	\$ 33,502.50
3/31/2024	Huntington Bank	Interest Income			\$ 114.22	\$ 33,616.72
4/11/2024	Progressive Architects Engineers PL (385)	2nd Quarter Lake Consultant Fee	180780	\$ 1,875.00		\$ 31,741.72
4/18/2024	Michigan Lakefront Solutions (26682)	2024 EGLE Permit Fee	180850	\$ 875.00		\$ 30,866.72
5/2/2024	Huntington Bank	Interest Income			\$ 102.66	\$ 30,969.38
5/13/2024	Montcalm County	2023 Collected Settlement			\$ 24,045.00	\$ 55,014.38
5/13/2024	Montcalm County	2023 Delinquent Settlement			\$ 687.00	\$ 55,701.38
5/31/2024	Huntington Bank	Interest Income			\$ 174.73	\$ 55,876.11
6/30/2024	Huntington Bank	Interest Income			\$ 208.92	\$ 56,085.03
7/11/2024	Progressive Architects Engineers PL (385)	3rd Quarter Lake Consultant Fee	182912	\$ 1,875.00		\$ 54,210.03
7/31/2024	Huntington Bank	Interest Income			\$ 189.98	\$ 54,400.01
8/22/2024	Michigan Lakefront Solutions (26682)	06/04/2024 Weed Treatment	183576	\$ 8,264.20		\$ 46,135.81
8/31/2024	Huntington Bank	Interest Income			\$ 157.78	\$ 46,293.59
Remaining Balance						\$ 46,293.59

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

**September 16, 2024**

**4:00 P.M.**

**Montcalm County Drain Commission  
211 W. Main  
Stanton MI 48888**

**ATTENDANCE RECORD**

**Name**

1. Todd Sattler
2. JERRY WRIGHT
3. LUKE ARON
4. Larry Macelland
5. Victor Matulis
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
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15. \_\_\_\_\_