

**TOWNLINELAKE
LAKE IMPROVEMENT BOARD MEETING**

July 22, 2024

A meeting of the Townline Lake, Lake Improvement Board was held at the Montcalm County Drain Commission, 211 W. Main Street, Stanton, Michigan on the 22nd day of July 2024 at 3:00 PM.

The meeting was called to order by Marv at 3:02 p.m.

PRESENT: Marv Kladder – Chairperson
Nancy Snyder – Belvidere Township Representative
Larry Higdon – Cato Township Representative
Todd Sattler – Treasurer, Drain Commissioner
Patt Carr – Board of Commissioner’s Representative

ABSENT: All Present

ALSO

PRESENT: Rick Buteyn – Progressive AE
Anne Gaylord – MCDC
Dianne Kladder
Jerry

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

A motion was made by Nancy and seconded by Todd to approve the minutes from May 16, 2024, as presented. Motion carried.

Public Comment

No public comment.

Treatment Update

See attached treatment journals. Rick advised that the lake was treated on 7/22 in the morning. He noted that the milfoil is nearly gone, and the curly leaf pondweed is going down. The starry stonewort is going to be treated at least once more this season. The treatments are working but it grows back very quickly. Marv asked about dredging to remove the starry stonewort. Rick said it would be very costly and wouldn’t necessarily fix the problem and could spread it. He also noted that EGLE has been very reluctant to give out dredging permits. Eel grass is scheduled to be harvested on 7/23 on the south shoreline and around the island. Rick advised that they are 9k over budget for the season with the harvesting. He anticipates being over budget by 15k by the end of the season depending on starry stonewort and algae treatments.

Financial Update

Todd provided a financial update to the board, including a current balance of \$79,869.16 and noted that the account is still earning a decent amount of interest monthly.

Dredging Discussion

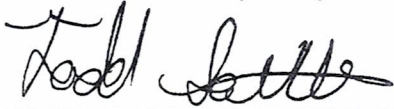
Todd took a look at the channel the morning of the meeting. He did not see a ton of sediment and believes that the weir and the road commission are doing a good job of keeping it clean.

Other Business

Nancy asked for an update on the Fahey billing. Todd explained why it was higher than anticipated.

Nancy advised that Belvidere Twp currently owns the boat launch and is in the process of correcting the deed to give the land to LARA.

There being no further business to come before the Lake Board, a motion was made by Todd and seconded by Larry to adjourn the meeting at 4:02 p.m. Motion carried.



Todd Sattler, Secretary
Townline 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 Townline Lake, Lake Improvement Board, Montcalm County, Michigan held on July 22, 2024, and that said minutes are on file in the office of the Montcalm County Drain Commissioner and are posted on the website at www.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 Townline Lake, Lake Improvement Board.



Todd R. Sattler
Montcalm County Drain Commissioner

**TOWNLINELAKE
LAKE IMPROVEMENT BOARD
MEETING**

**July 22, 2024
3:00 PM**

MONTCALM COUNTY

Drain Office
211 W. Main Street
Stanton, Michigan

Agenda

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes
 - May 16, 2024
4. Public Comment
5. Treatment Update
6. Financial Update
7. Dredging
8. Other Business
9. Adjourn

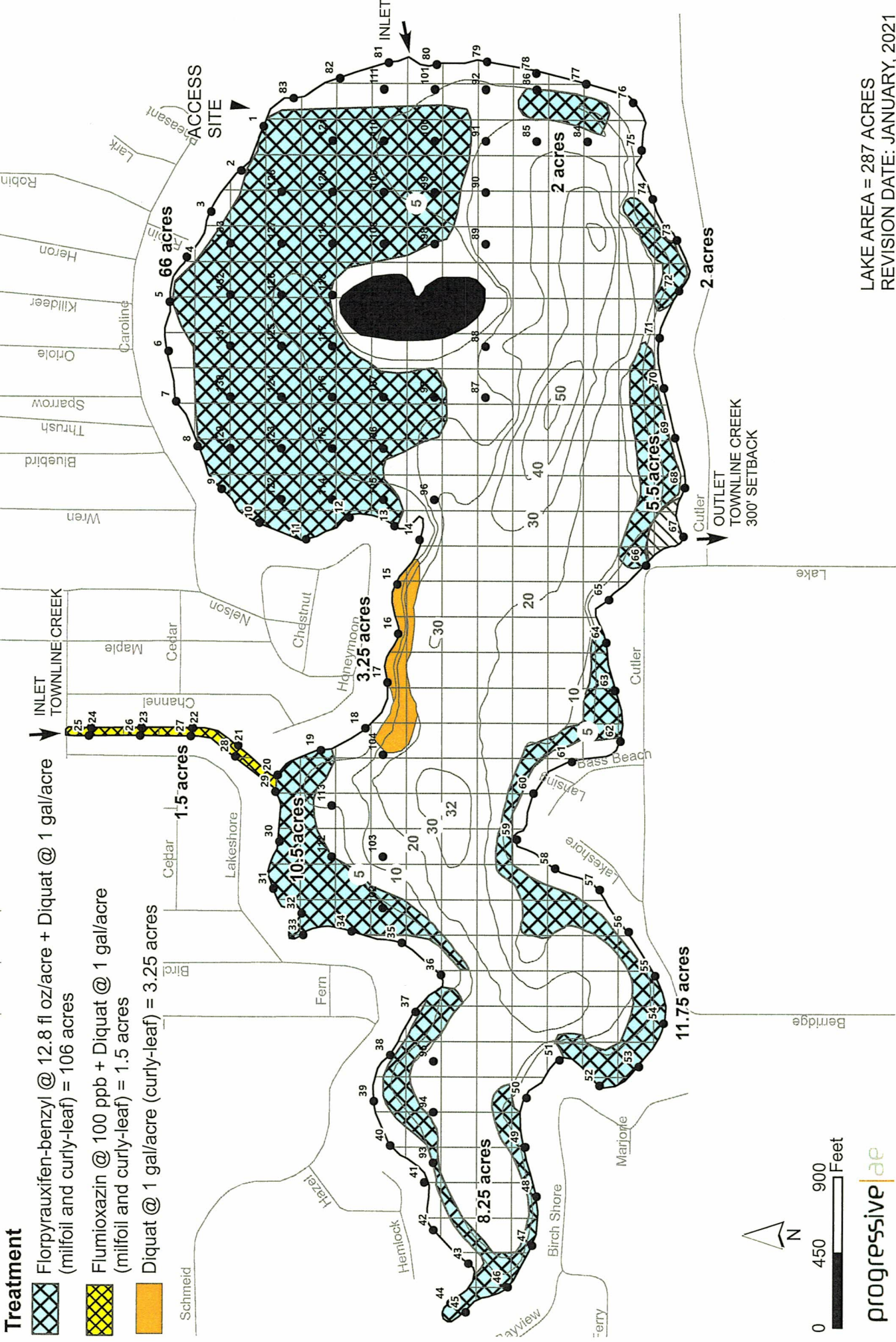
If you cannot attend, please call 989-831-7322 at least two days prior to the meeting.

Lake Board Members:

Marv Kladder, Chairman Abutting Property Owners Representative
Todd Sattler, Secretary/Treasurer, Montcalm County Drain Commissioner
Nancy Snyder, Belvidere Township Representative
Larry Higdon, Member, Cato Township Representative
Patrick Carr, Member, Montcalm County Board of Commissioners

☐ = 1 ACRE

TOWNLINE LAKE
MONTCALM COUNTY, MICHIGAN
TREATMENT MAP
SURVEY DATE: MAY 16, 2024



☐ = 1 ACRE

TOWNLINE LAKE
MONTCALM COUNTY, MICHIGAN
TREATMENT MAP
SURVEY DATE: JUNE 19, 2024

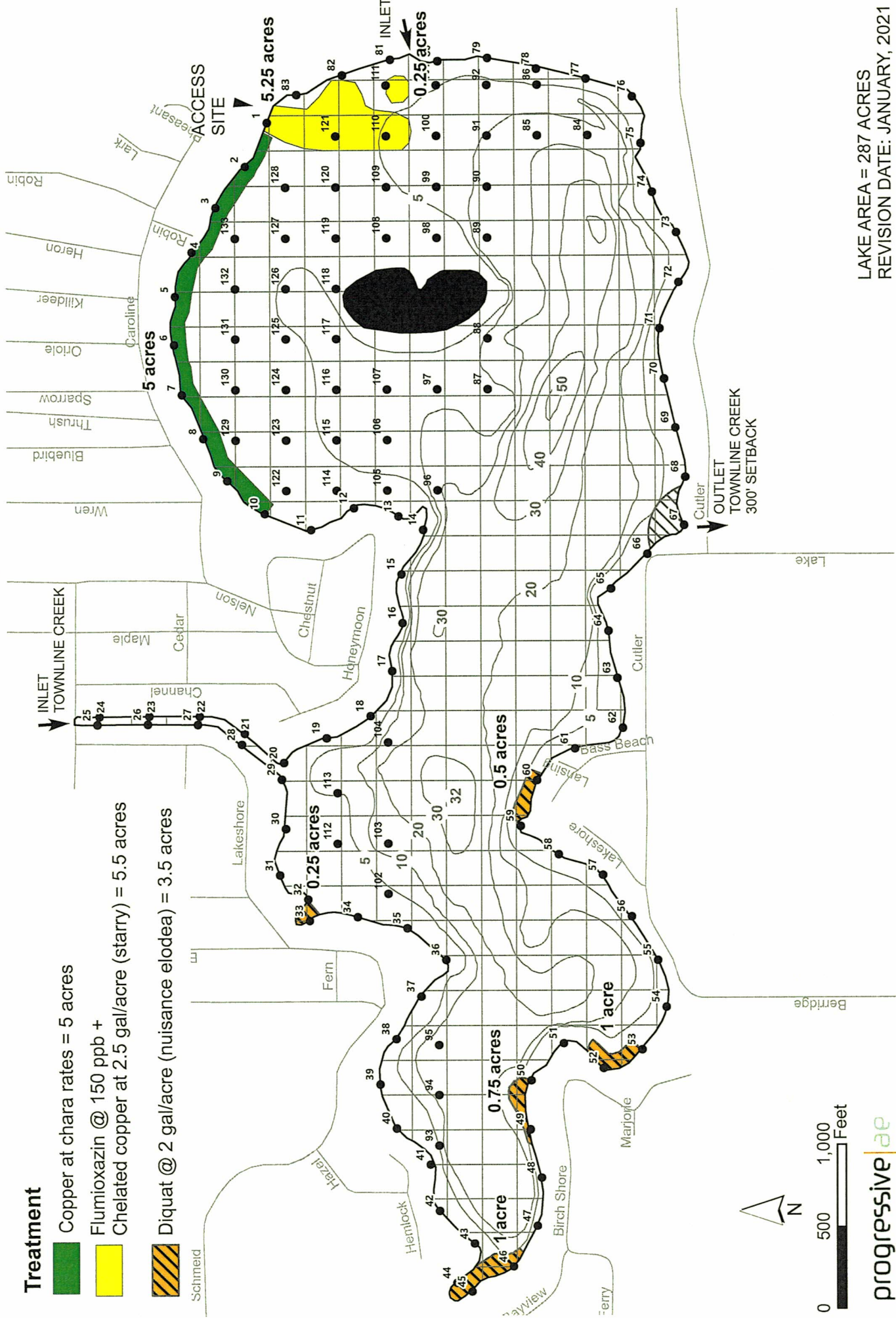
Treatment

■ Copper at chara rates = 5 acres

■ Flumioxazin @ 150 ppb +

■ Chelated copper at 2.5 gal/acre (starry) = 5.5 acres

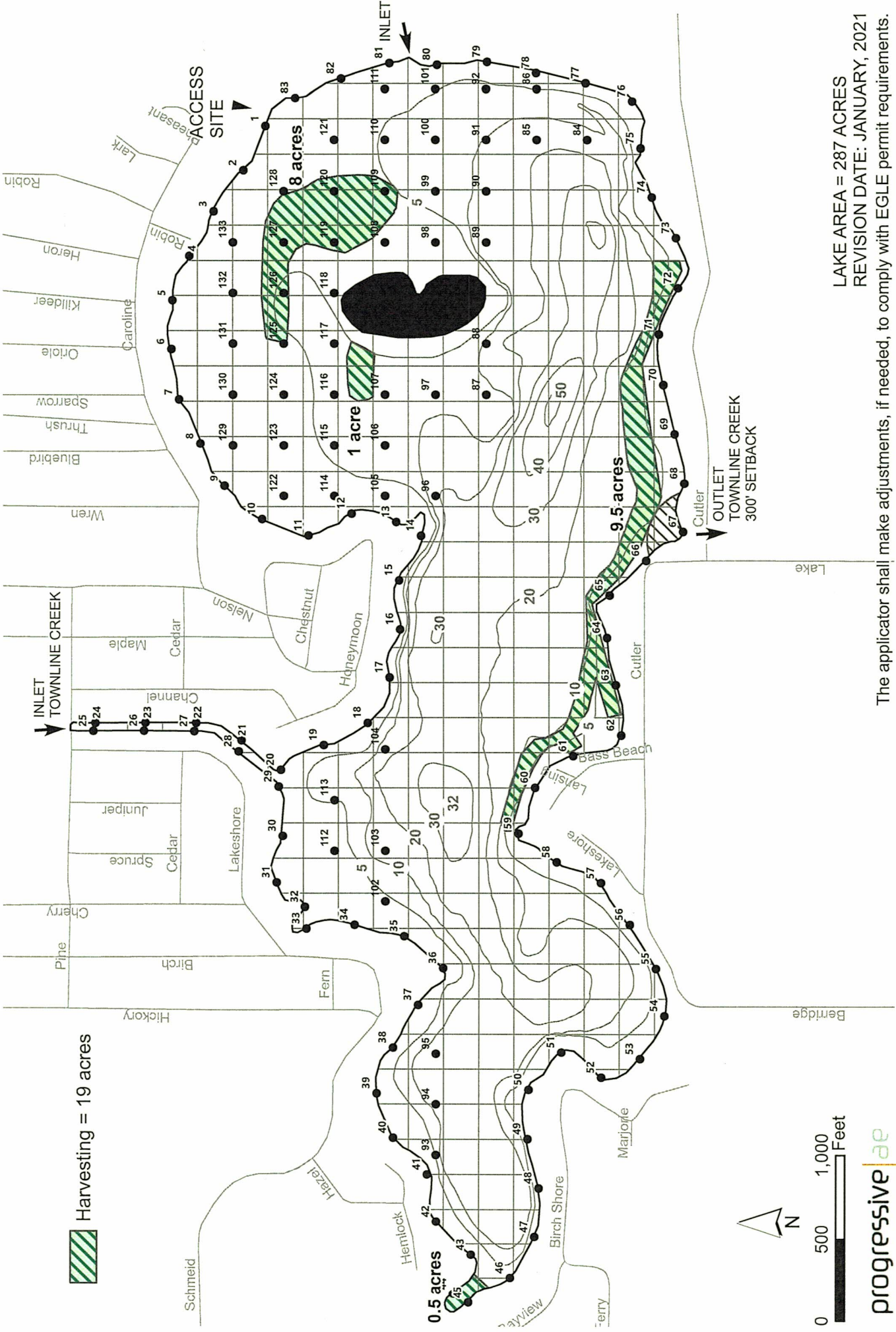
■ Diquat @ 2 gal/acre (nuisance elodea) = 3.5 acres



LAKE AREA = 287 ACRES
REVISION DATE: JANUARY, 2021

TOWNLINE LAKE MONTCALM COUNTY, MICHIGAN HARVEST MAP SURVEY DATE: JULY 17, 2024

□ = 1 ACRE



Harvesting = 19 acres

LAKE AREA = 287 ACRES
REVISION DATE: JANUARY, 2021

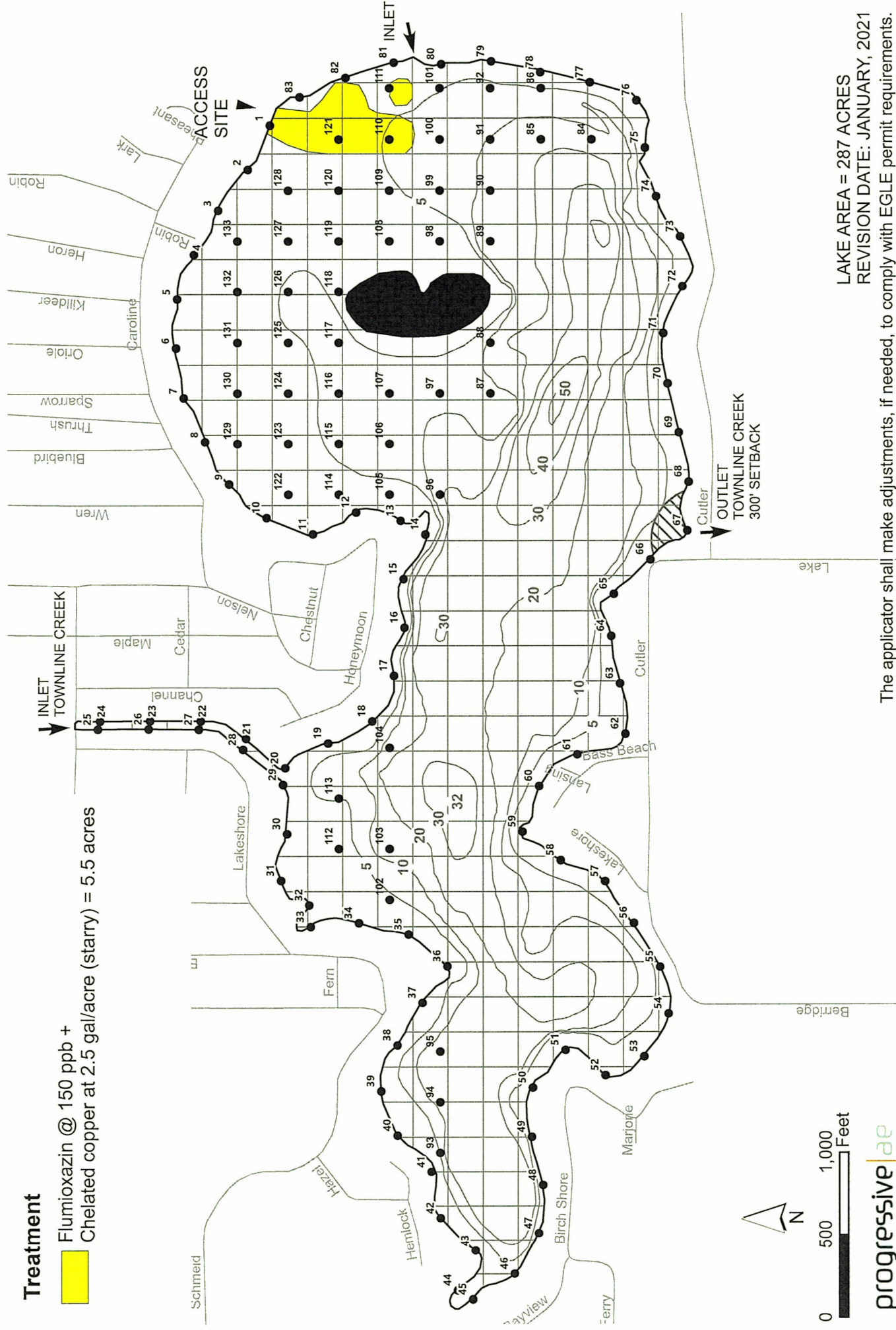
The applicator shall make adjustments, if needed, to comply with EGLE permit requirements.

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

□ = 1 ACRE

Treatment

- Flumioxazin @ 150 ppb +
- Chelated copper at 2.5 gal/acre (starry) = 5.5 acres



LAKE AREA = 287 ACRES
REVISION DATE: JANUARY, 2021
The applicator shall make adjustments, if needed, to comply with EGLE permit requirements.

Project Work Journal

Townline Lake

2024 Beginning Balance: \$55,000.00

Date	Type	Results	Target Species	Qty	Dose Rate	Cost	Remaining Balance
1/16/2024	Permit	2024 Permit Authorization					
Application Date 4/5/2024	Type Permit Fee			1.00 each		\$1,600.00	\$53,400.00
					Invoice 1184 Total	\$1,600.00	\$53,400.00

5/16/2024	Survey	RCB, CJN: Significant milfoil and curly-leaf growth. Heaviest growth we have seen in some time.				
Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
5/22/2024	Flumioxazin and contacts	Curly-leaf Pondweed	1.50 acre(s)	100.00 ppb	\$562.50	\$52,837.50
		Hybrid Milfoil				
5/22/2024	Diquat dibromide @ 1 gal/acre	Curly-leaf Pondweed	3.25 acre(s)		\$812.50	\$52,025.00
5/22/2024	Diquat dibromide @ 1 gal/acre + 4 PDU ProcellaCOR	Curly-leaf Pondweed	106.00 acre(s)		\$47,700.00	\$4,325.00
		Hybrid Milfoil				
Invoice 1228 Total					\$49,075.00	\$4,325.00

6/19/2024	Survey	RCB, JAD, Marv K: Initial treatment successful. Starry stonewort and nuisance natives marked for treatment.					
Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance	
6/25/2024	Diquat dibromide @ 2 gal/acre	Nuisance Native Plants	3.50 acre(s)		\$1,330.00	\$2,995.00	
6/25/2024	Macro-algae control: chelated copper products only	Chara	5.00 acre(s)		\$450.00	\$2,545.00	
6/25/2024	Flumioxazin @ 150 ppb + Chelated Copper @ 2.5 gal/acre	Starry Stonewort	5.50 acre(s)		\$1,650.00	\$895.00	
Invoice 1270 Total					\$3,430.00	\$895.00	

7/17/2024 Survey RCB, JAD, Nancy S: Ready to harvest wild celery. Starry needs one more treatment.

Project Work Journal
Townline Lake

2024 Beginning Balance: \$55,000.00

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
	Harvesting	Nuisance Native Plants Wild Celery	19.00 acre(s)		\$8,317.25	(\$7,422.25)
7/22/2024	Flumioxazin @ 150 ppb + Chelated Copper @ 2.5 gal/acre	Starry Stonewort	5.50 acre(s)		\$1,650.00	(\$9,072.25)
		Work Order Total			\$8,317.25	(\$7,422.25)
		Work Order Total			\$1,650.00	(\$9,072.25)
		Work Order Total			\$1,650.00	(\$9,072.25)

Townline Lake Finance 2024 - 2028 (84015)

Monday, July 22, 2024

Date	Vendor	Description	Check	Expenses	Revenue	Balance
10/1/2023		Beginning Balance				\$ 69,555.56
10/19/2023	Progressive Architects Engineers PL (385)	4th Quarter Lake Consultant Fee	177051	\$ 4,000.00		\$ 65,555.56
10/31/2023	Huntington Bank	Interest Income			\$ 211.66	\$ 65,767.22
11/9/2023	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Sheneman	177428	\$ 878.00		\$ 64,889.22
11/9/2023	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Wernette	177428	\$ 625.50		\$ 64,263.72
11/13/2023	Cato Township	2023 At Large			\$ 1,155.00	\$ 65,418.72
11/13/2023	Belvidere Township	2023 At Large			\$ 1,155.00	\$ 66,573.72
11/30/2023	Huntington Bank	Interest Income			\$ 198.21	\$ 66,771.93
12/5/2023	Montcalm County	2023 At Large			\$ 1,540.00	\$ 68,311.93
12/5/2023	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Sheneman	178030	\$ 53.00		\$ 68,258.93
12/31/2023	Huntington Bank	Interest Income			\$ 210.45	\$ 68,469.38
1/18/2024	Progressive Architects Engineers PL (385)	1st Quarter Lake Consultant Fee	178927	\$ 4,125.00		\$ 64,344.38
1/31/2024	Huntington Bank	Interest Income			\$ 202.25	\$ 64,546.63
2/15/2024	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Wernette	179542	\$ 842.50		\$ 63,704.13
2/15/2024	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Sheneman	179542	\$ 1,106.00		\$ 62,598.13
2/29/2024	Huntington Bank	Interest Income			\$ 180.65	\$ 62,778.78
3/14/2024	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Sheneman	180200	\$ 1,000.00		\$ 61,778.78
3/14/2024	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Wernette	180200	\$ 1,000.00		\$ 60,778.78
3/31/2024	Huntington Bank	Interest Income			\$ 199.33	\$ 60,978.11
4/11/2024	Progressive Architects Engineers PL (385)	2nd Quarter Lake Consultant Fee	180780	\$ 4,125.00		\$ 56,853.11
4/11/2024	Michigan Lakefront Solutions LLC (26682)	2024 EGLE Permit Fee	180772	\$ 1,600.00		\$ 55,253.11
4/11/2024	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Wernette	180763	\$ 132.50		\$ 55,120.61
4/11/2024	Fahey Schultz Burzych Rhodes PLC (16022)	Legal - Sheneman	180763	\$ 185.50		\$ 54,935.11
4/30/2024	Huntington Bank	Interest Income			\$ 175.03	\$ 55,110.14
5/13/2024	Montcalm County	2023 Collected Settlement			\$ 60,429.10	\$ 115,539.24
5/13/2024	Montcalm County	2023 Delinquent Settlement			\$ 12,720.90	\$ 128,260.14
5/31/2024	Huntington Bank	Interest Income			\$ 395.10	\$ 128,655.24
6/27/2024	Michigan Lakefront Solutions LLC (26682)	05/22/2024 Weed Treatment	182538	\$ 49,075.00		\$ 79,580.24
6/30/2024	Huntington Bank	Interest Income			\$ 288.92	\$ 79,869.16
		Remaining Balance				\$ 79,869.16

Townline Lake Dredge (84015-2)

Monday, July 1, 2024

Date	Vendor	Description	Check Numbers	Expenses	Revenue	Balance
10/1/2015		Beginning Balance				\$ 21,521.92
8/16/2018	Outman Excavating	Channel Cleanout	139833	\$ 1,200.00		\$ 20,321.92
9/30/2020	TCF Bank	Interest Revenue			\$ 0.87	\$ 20,322.79
12/3/2020	Comdata	Acct # XG708 EGLE Permit Fee	156582	\$ 102.00		\$ 20,220.79
4/6/2021	CSI Geoturf	Turbidity Curtain	158562	\$ 1,184.66		\$ 19,036.13
7/6/2021	DeWitt Lumber	June 2021 Channel Dredge	160303	\$ 100.25		\$ 18,935.88
7/6/2021	Alex B Moore	June 2021 Channel Dredge	160292	\$ 6,250.00		\$ 12,685.88
7/29/2021	Josh Melvin	June 2021 Channel Dredge	160787	\$ 6,250.00		\$ 6,435.88
7/29/2021	MCDC	June 2021 Channel Dredge Labor & Materials	160796	\$ 576.79		\$ 5,859.09
7/29/2021	MCDC	June 2021 Channel Dredge Labor & Materials	160796	\$ 627.61		\$ 5,231.48
7/29/2021	MCDC	June 2021 Channel Dredge Labor & Materials	160796	\$ 89.74		\$ 5,141.74
	804 Payback	Drain Maintenance		\$ 1,294.14		\$ 3,847.60
1/31/2023	Huntington Bank	Interest Revenue			\$ 11.57	\$ 3,859.17
2/28/2023	Huntington Bank	Interest Revenue			\$ 19.43	\$ 3,878.60
3/31/2023	Huntington Bank	Interest Revenue			\$ 16.55	\$ 3,895.15
4/30/2023	Huntington Bank	Interest Revenue			\$ 16.35	\$ 3,911.50
5/31/2023	Huntington Bank	Interest Revenue			\$ 15.23	\$ 3,926.73
6/30/2023	Huntington Bank	Interest Revenue			\$ 16.88	\$ 3,943.61
7/31/2023	Huntington Bank	Interest Revenue			\$ 17.22	\$ 3,960.83
8/31/2023	Huntington Bank	Interest Revenue			\$ 17.35	\$ 3,978.18
9/30/2023	Huntington Bank	Interest Revenue			\$ 16.48	\$ 3,994.66
10/31/2023	Huntington Bank	Interest Revenue			\$ 17.08	\$ 4,011.74
11/30/2023	Huntington Bank	Interest Revenue			\$ 16.36	\$ 4,028.10
12/31/2024	Huntington Bank	Interest Revenue			\$ 16.98	\$ 4,045.08
1/31/2024	Huntington Bank	Interest Revenue			\$ 17.41	\$ 4,062.49
2/29/2024	Huntington Bank	Interest Revenue			\$ 16.05	\$ 4,078.54
3/31/2024	Huntington Bank	Interest Revenue			\$ 18.32	\$ 4,096.86
4/30/2024	Huntington Bank	Interest Revenue			\$ 17.93	\$ 4,114.79
5/31/2024	Huntington Bank	Interest Revenue			\$ 16.97	\$ 4,131.76
6/30/2024	Huntington Bank	Interest Revenue			\$ 20.29	\$ 4,152.05
		Remaining Balance				\$ 4,152.05

TOWNLINE LAKE
LAKE IMPROVEMENT BOARD MEETING

July 22, 2024

3:00 PM

Drain Commissioner's Office

ATTENDANCE RECORD

1. Maru Kladar
2. Nancy Snyder
3. Rick Buten
4. Todd Sattler
5. Larry Snyder
6. PATRICK CARR
7. _____
8. _____
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