

**Minutes of the Lake Oakland County
Lake Improvement Board Meeting
June 7, 2023**

Rick Sabina called the meeting to order at 3:02 p.m. at the Oakland County Water Resources Commissioner's Office 1st Floor Meeting Room.

PRESENT: Rick Sabina, Citizen Member/Chairperson
George Nichols, Oakland County WRC, Secretary
Stephanie Petriello, Oakland County WRC
Kimberly Markee, Waterford Township Clerk (virtual)
Karen Joliat, Oakland County Board of Commissioners
Paul Hausler, Progressive AE
Susan McGaw, Resident

OPEN MEETING:

All participants stated their name and affiliation for the record.

Rick Sabina reminded everyone to sign the attendance sheet (see Attachment 'A').

APPROVAL OF THE MEETING AGENDA:

Kimberly Markee, supported by Karen Joliat, moved to accept the meeting agenda as amended (see Attachment 'B'). Updated item 4.d.i. – Public Hearing date corrected from July 21, 2023 to July 17, 2023.

Motion Carried Unanimously

APPROVAL OF MEETING MINUTES:

Karen Joliat, supported by Kimberly Markee, moved to accept the minutes as amended for the meeting of April 17, 2023. Updated item New Business: D. Mobile Aquatic Invasive Species (AIS) Station 2023 Service Dates from June 14th – June 18th to June 14th – June 28th.

Motion Carried Unanimously

Paul Hausler will post the meeting minutes on the Lake Oakland website.

OLD BUSINESS:

A. Project Work Journal

Paul Hausler provided a Project Work Journal (see Attachment 'C') dated 6/6/23 that outlines the services regarding plant control and associated costs to date for the 2023 calendar year. The current costs include the EGLE permit fee and algae treatment and control activities.

Paul Hausler stated that it has been a very good year for algae growth due to the mild winter. The initial survey on the lake for herbicide treatment was on May 1, 2023. Based on that survey, there was a lot of algae growth that was the largest component of that first treatment (see Attachment 'D'). There was about 33.5 acres of Eurasian Milfoil and about 20 acres of a combination of Curly-leaf Pondweed and Eurasian Milfoil. The invoice to treat this totaled \$16,362.50 and will be submitted after the next survey. That leaves a balance of \$51,197.50 for the remainder of the year.

Paul Hausler stated that there was a delay between the survey date and the treatment date due to the water temperature. Typically, the water temperature should be above 60 degrees for herbicide treatment.

Another survey will take place 6/8/23 to see the results of the 5/17/23 treatment and identify potential harvesting areas.

Rick Sabina asked about new areas for ProcellaCOR this year and the three-year guarantee. Paul Hausler stated that the area had to be over 10 acres in a continuous polygon to receive the guarantee.

B. 2023 Loosestrife Beetle Order Update

Rick Sabina reviewed the history of the Loosestrife Beetle biological maintenance that started in 2019. The largest area of infestation is on Sashabaw Island. It is recommended that an area be seeded for three (3) years to help the population establish. Six (6) containers were released this year, four (4) on Sashabaw Island and two (2) at Legion Hall. Integrated Weed Control (IWC) invoice #023-014, dated May 22, 2023 for \$1,025.00 was presented.

George Nichols, supported by Rick Sabina, moved to approve invoice #023-014 from IWC for \$1,025.00.

Motion Carried Unanimously

C. Goose Egg Removal Service

Rick Sabina stated that one of the riparian owners contracted with Goose Busters for nest disruption and egg removal. Goose Busters does not shake or addling eggs. There are other

companies that do addling eggs which may be more effective. Rick Sabina stated that he has not received an invoice from the riparian owner yet. If this is done in the future, the company needs to inform the Lake Board when they will be out on the lake and provide a report of where and how many nests were disrupted.

D. Budget Assessment 2024-2028

Paul Hausler distributed a copy of the meeting notice that will be mailed to all residents (see Attachment 'E'). Paul stated that he still does not have addresses for Independence Township. Karen Joliat mentioned that Paul Hausler should reach out to Paul Brown who is the Treasurer for Independence Township.

Paul Hausler reviewed the proposed annual budget assessment for 2024-2028. The annual budget amounts to \$111,500 but the annual cost is \$101,500. This reduction in \$10,000 is due to an existing surplus in the fund budget that will be gradually lowered over the next several years.

Karen Joliat asked how this assessment compares to the last one. Paul Hausler stated that it went up \$8 for the Waterfront Parcels.

Stephanie Petriello stated that the meeting notice was sent to the Oakland Press to be printed twice, once the week of June 19th and once the week of July 3rd for a total of \$1,153.00. That invoice has not yet been received.

Rick Sabina asked about the format of the Public Hearing. Paul Hausler stated that he has a PowerPoint presentation prepared and Rick Sabina can send him additional slide information to include.

NEW BUSINESS:

- A. Approval of new Oakland County Water Resources Commissioner's Office Representative – Stephanie Petriello

Karen Joliat, supported by Kimberly Markee, moved to accept Stephanie Petriello as the new Oakland County Water Resources Commissioner's Office Representative and Lake Improvement Board Secretary.

Motion Carried Unanimously

- B. DNR Lake Report Update

Rick Sabina contacted Clevo Harris from the DNR. Preliminary data indicated that the lake was vibrant and contained a good variety of different fish species. Prior to Rick Sabina's tenure, the board approved fish stocking for pike and redear sunfish on a yearly basis. The 2021 Lake Report

indicated that the most populous species in the lake is the redear sunfish. The lake is not cold enough to support pike. Cleyo Harris has not yet submitted the final report with recommendations.

C. Fact Sheets

Paul Hausler asked if the board would like to approve putting the fact sheets that he shared during the April 17, 2023 meeting on the website. These fact sheets included:

- Road Salt
- Mechanical Harvesting
- Organic Sediment (Muck)
- Aquatic Herbicides
- Harmful Algal Blooms
- Phosphorus

Karen Joliat, supported by Stephanie Petriello, moved to post the fact sheets provided by Paul Hausler to the Lake Oakland website.

Motion Carried Unanimously

PUBLIC COMMENTS:

Susan McGaw asked where the \$70,000 beginning balance comes from. Paul Hausler stated that it is collected by assessment. You have to go through a public hearing process to get it approved. Just the people who benefit from improvements to the lake are assessed.

Susan McGaw asked who she should contact to learn more about her Lake Huntoon Lake Improvement Board. George Nichols indicated that Jason Say is the WRC representative for Susan McGaw's lake and shared his email address.

LAKE OAKLAND INVOICE RATIFICATION:

Rick Sabina outlined invoice #19168 from Aqua-Weed Control (dated 05/01/23) in the amount of \$840.00 for algae treatment of Lake Oakland, as noted in Item '7a'.

Karen Joliat, supported by Stephanie Petriello, to ratify payment of invoice #19168 in the amount of \$840.00.

Motion Carried Unanimously

BOARD MEMBER COMMENTS:

Rick Sabina mentioned that the mobile AIS unit will be at the Dill Road launch site on June 14th and will be in place until June 28th. Rick Sabina is going to ask for a sign to be placed on the unit so that people know it is free. Karen Joliat recommended that a QR code be incorporated into the sign to link the County's website to show them how to use it.

Karen Joliat stated that Dill Road just got approved to be redone.

MEETING SCHEDULE:

The next Lake Board meeting will be held on Monday, July 17, 2023 at 6:30.

ADJOURNMENT:

Karen Joliat, supported by Stephanie Petriello, moved to adjourn the meeting at 4:06 p.m.

Motion Carried Unanimously

Stephanie L. Petriello
Stephanie L. Petriello
Lake Improvement Board Secretary
For Lake Oakland

STATE OF MICHIGAN)
) SS:
COUNTY OF OAKLAND)

I hereby certify that the foregoing is a true and complete copy of the minutes of the Lake Improvement Board for Lake Oakland, Oakland County, Michigan held on the 7th day of June 2023, and that the said minutes are on file in the Office of the Oakland County Water Resources Commissioner 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 Oakland County Water Resources Commissioner, which is the principal office of the Lake Improvement Board for Lake Oakland.

Stephanie L. Petriello
Stephanie L. Petriello
Lake Improvement Board Secretary
For Lake Oakland

Dated: July 10, 2023

Attachment 'A'

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
ATTENDANCE SHEET**

DATE: June 7, 2023 @ 3:00 p.m. **FACILITATOR:** _____

TYPE Lake Improvement Board Meeting (WRC 1st Floor Meeting Room)

TOPIC: Lake Oakland Lake Improvement Board Meeting

PRINTED NAME	E-MAIL	ADDRESS	CONTACT NUMBER
George Nichols	nicholsga@oakgov.com		248-841-3006
Rick Sabina	sabina@oakland.edu	3112 Pine Tree Ct	248-877-0150
Stephanie Petriello	petriellos@oakgov.com		
PAUL HAUSLER	hauslerp@progressivecar.com		616-458-4716
Susan McGaw	susan.mcgaw@gmail.com	5524 Rowley Blvd Waterford	248-766-8059
Karen Joliat			
Kimberly Markee (Virtual)			

Attachment 'B'

AGENDA

LAKE OAKLAND LAKE IMPROVEMENT BOARD

Wednesday, June 7, 2023 – 3:00 p.m.

Oakland County Water Resources Commissioner Building Lunch Room

1. Open Meeting
 - a. Introductions and Attendance

2. Approval of the Meeting Agenda for June 7, 2023

3. Approval of Meeting Minutes from April 17, 2023

4. Old Business
 - a. Project Work Journal
 - i. Survey
 - ii. Herbicide Treatment
 - iii. Plant Harvesting
 - b. 2023 Loosestrife Beetle Order Update
 - i. Invoice Approval (Inv #023-014 – May 22, 2023 for \$1025.00)
 - c. Goose Egg Removal Service
 - d. Budget Assessment 2024-2028
 - i. Public Hearing – July 17, 2023
 - ii. Meeting Venue – City of Waterford Auditorium
 - iii. Residential Mailings
 - iv. Public Hearing Notice – Oakland Press

5. New Business
 - a. Approval of new Oakland County Water Resources Commissioner Representative – Stephanie Petriello
 - b. DNR Lake Report Update
 - c. Fact Sheets

6. Public Comments

7. Lake Oakland Invoice Ratification

- a. Ratification of Aqua-Weed Control Invoice #19168 (dated 05/01/23) for algae treatment of Lake Oakland on April 25, 2023. Rick Sabina, supported by George Nichols, to pay invoice in the amount of \$840.00.

8. Board Member Comments

9. All Else

- a. Other items of business
- b. Schedule next meeting date

10. Adjournment

Attachment 'C'

Project Work Journal
Lake Oakland

2023

Beginning Balance: \$70,000.00

Date	Type	Results					Remaining Balance
1/2/2023	Permit	2023 Permit Authorization					
<u>Application Date</u>	<u>Type</u>	<u>Target Species</u>	<u>Qty</u>	<u>Dose Rate</u>	<u>Cost</u>	<u>Remaining Balance</u>	
2/15/2023	Permit Fee		1.00 each		\$1,600.00	\$68,400.00	
					Invoice 18654 Total	\$1,600.00	\$68,400.00
4/24/2023	Other	Late April algae treatment					
<u>Treatment Date</u>	<u>Type</u>	<u>Target Species</u>	<u>Qty</u>	<u>Dose Rate</u>	<u>Cost</u>	<u>Remaining Balance</u>	
4/25/2023	Algae control (filamentous and planktonic)	Filamentous or Planktonic Algae	21.00 acre(s)		\$840.00	\$67,560.00	
					Invoice 19168 Total	\$840.00	\$67,560.00
5/1/2023	Survey	Initial Survey - JML, LJA, Rick S. Some milfoil found around the lake. H2O = 51.2 F					
<u>Treatment Date</u>	<u>Type</u>	<u>Target Species</u>	<u>Qty</u>	<u>Dose Rate</u>	<u>Cost</u>	<u>Remaining Balance</u>	
5/17/2023	Algae control (filamentous and planktonic)	Filamentous or Planktonic Algae	60.00 acre(s)		\$2,400.00	\$65,160.00	
5/17/2023	Flumioxazin and contacts	Curly-leaf Pondweed	4.00 acre(s)	100.00 ppb	\$1,400.00	\$63,760.00	
5/17/2023	ProcellaCOR	Eurasian Milfoil	33.50 PDU		\$3,852.50	\$59,907.50	
5/17/2023	Diquat dibromide @ 1 gal/acre + 4 PDU ProcellaCOR	Curly-leaf Pondweed Eurasian Milfoil	16.75 acre(s)		\$8,710.00	\$51,197.50	
					Invoice 19362 Total	\$16,362.50	\$51,197.50
6/7/2023	Follow Up						

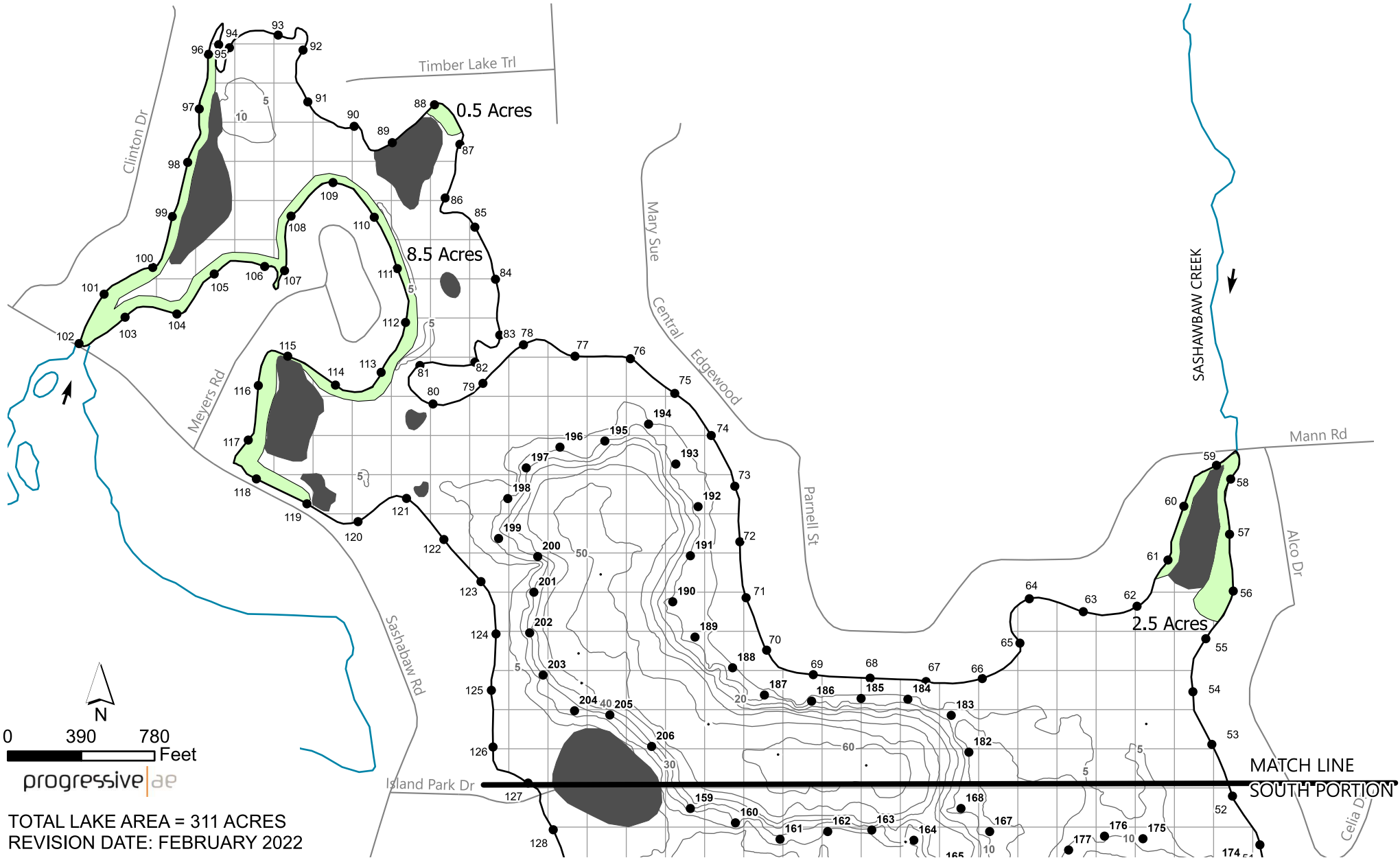
Attachment 'D'

☐ = 1 ACRE

LAKE OAKLAND (NORTH PORTION) OAKLAND COUNTY, MICHIGAN APRIL 24TH, 2023 TREATMENT MAP

Treatment

■ Algae control = 11.5 Acres






TOTAL LAKE AREA = 311 ACRES
REVISION DATE: FEBRUARY 2022

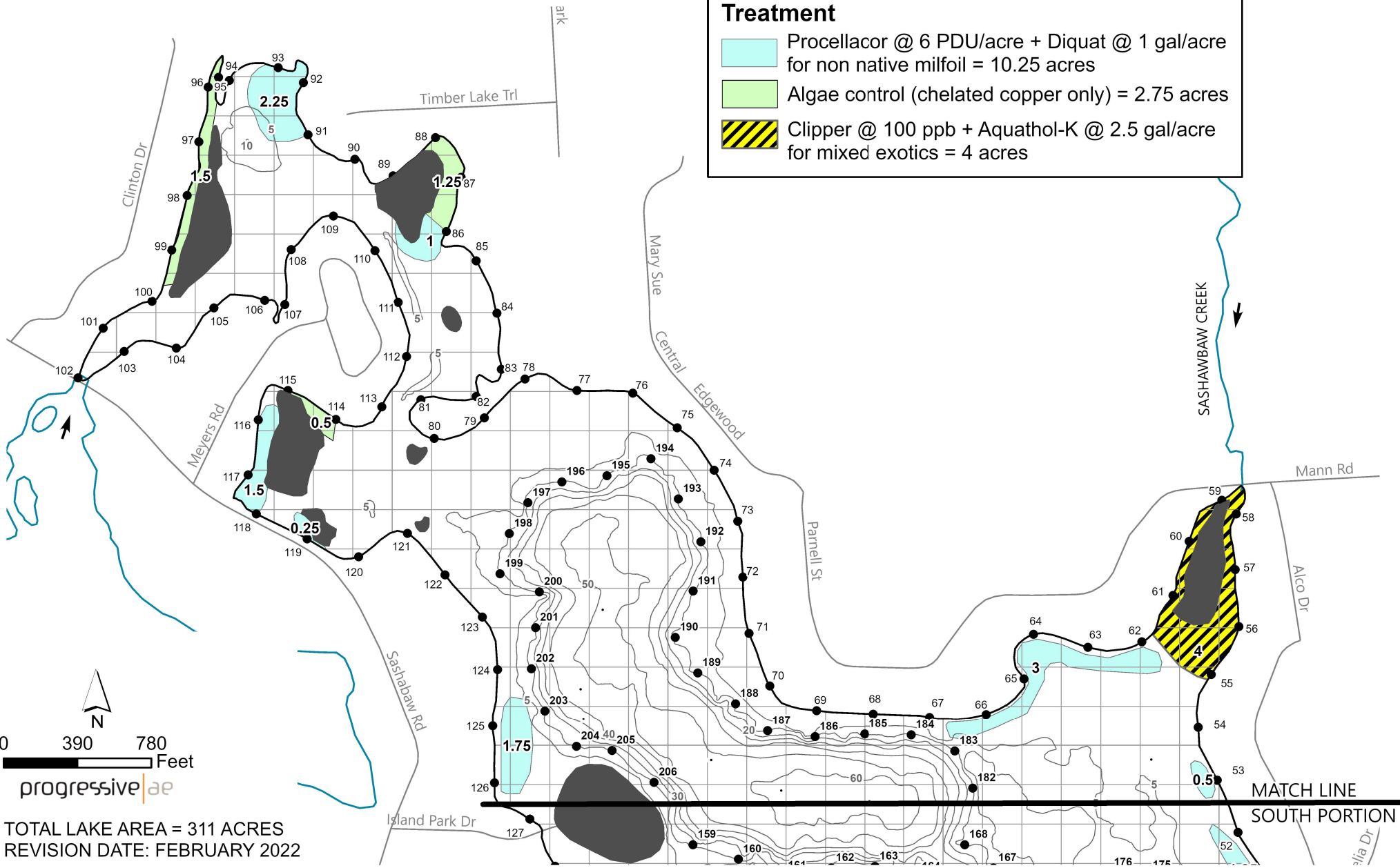
The applicator shall make adjustments, if needed, to comply with EGLE permit requirements.

LAKE OAKLAND (NORTH PORTION)
OAKLAND COUNTY, MICHIGAN
TREATMENT MAP
SURVEY DATE: MAY 1, 2023

□ = 1 ACRE

Treatment

-  Procellacor @ 6 PDU/acre + Diquat @ 1 gal/acre for non native milfoil = 10.25 acres
-  Algae control (chelated copper only) = 2.75 acres
-  Clipper @ 100 ppb + Aquathol-K @ 2.5 gal/acre for mixed exotics = 4 acres



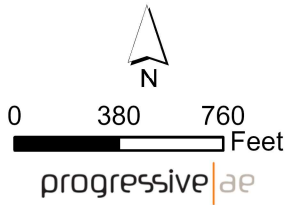
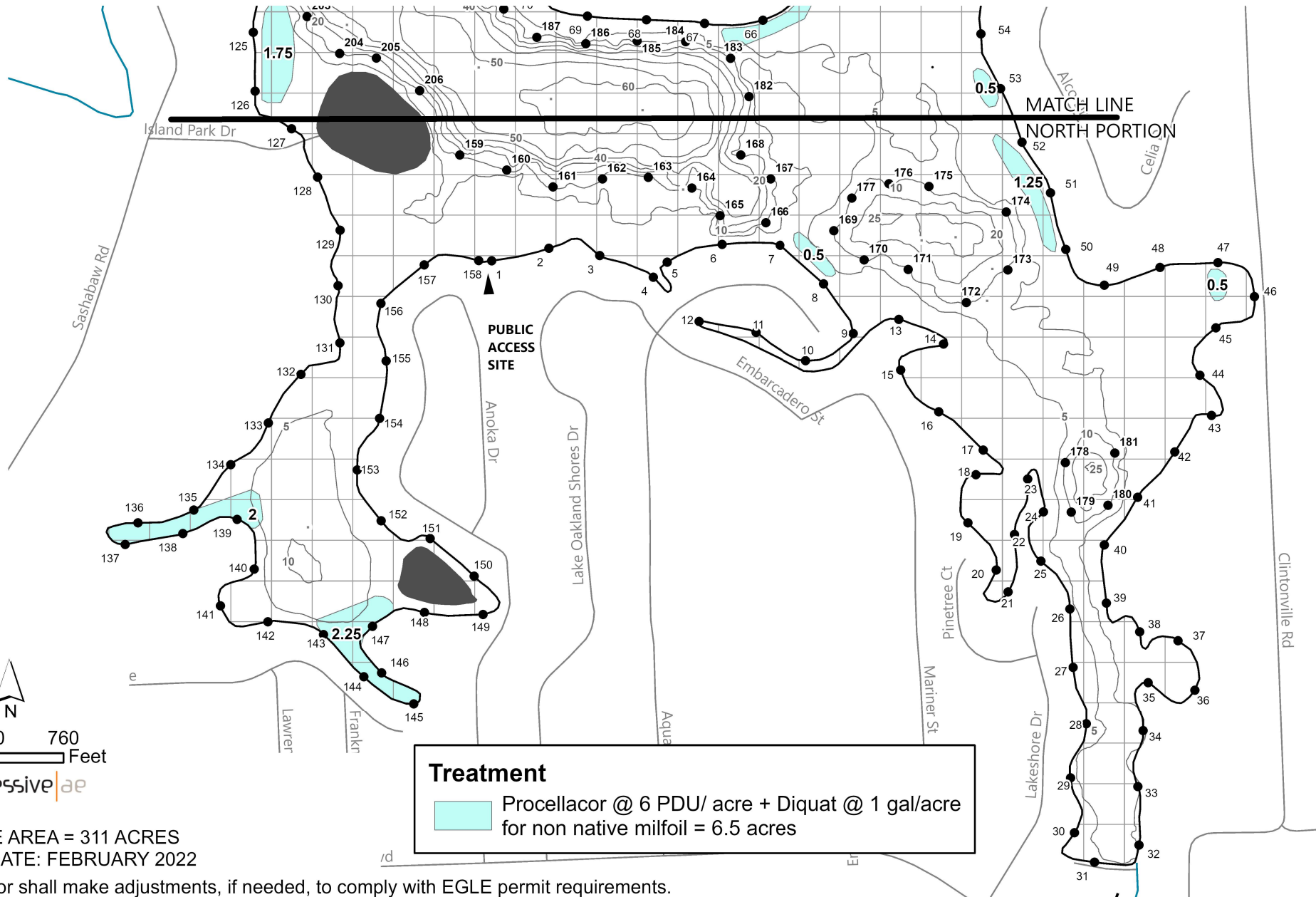
TOTAL LAKE AREA = 311 ACRES
 REVISION DATE: FEBRUARY 2022

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



**LAKE OAKLAND (SOUTH PORTION)
OAKLAND COUNTY, MICHIGAN
TREATMENT MAP
SURVEY DATE: MAY 1, 2023**

□ = 1 ACRE



TOTAL LAKE AREA = 311 ACRES
REVISION DATE: FEBRUARY 2022

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

Attachment 'E'

LEGAL NOTICE

Lake Oakland Improvement Board Oakland County, Michigan

HEARING OF PRACTICABILITY AND HEARING OF ASSESSMENT

TAKE NOTICE that the Lake Oakland Improvement Board will hold a public hearing at 6:30 pm on Monday, July 17, 2023 at the Waterford Township Hall Auditorium, 5200 Civic Center Drive, Waterford, Michigan to determine the practicability of a five-year improvement project for Lake Oakland. The lake improvement project would include aquatic plant control, aquatic plant control consulting services, water quality monitoring (four deep basins), information and education, purple loosestrife and goose control, administration and contingency, and less existing surplus. The project would begin in 2024 and continue through 2028, with an annual budget of \$101,500.

NOTICE IS FURTHER GIVEN that a special assessment roll has been prepared and is available for public examination during normal business hours at the Waterford Township Hall located at 5200 Civic Center Drive, Waterford, Michigan and Independence Township Hall located at 6483 Waldon Center Drive, Clarkston, Michigan. Said special assessment roll has been prepared for the purpose of assessing the cost of the improvement project to benefiting properties.

NOTICE IS FURTHER GIVEN that, if the project is found practicable, the Lake Oakland Improvement Board will hold a hearing of assessment immediately following the aforementioned hearing of practicability for the purpose of reviewing said special assessment roll and for hearing any objections thereto. An owner of or party with interest in real property to be assessed or his/her agent may appear in person to object to the special assessment or may protest such special assessment by letter filed with the Lake Board at or prior to the time of the hearing, in which case personal appearance is not required. Written objections may be filed with or mailed to the Lake Oakland Improvement Board c/o Ms. Stephanie Petriello, Secretary, Lake Oakland Improvement Board, Building 95 West, One Public Works Drive, Waterford, MI 48328-1907.

NOTICE IS FURTHER GIVEN that the owner of or any party with interest in real property within the Lake Oakland Special Assessment District who, having protested said special assessment either in person or in writing, may, within thirty (30) days after the confirmation of the special assessment roll has been published in a newspaper of general circulation, appeal such special assessment to the Michigan Tax Tribunal or other court of competent jurisdiction.

The above-referenced hearings are being held pursuant to Part 309 of Public Act No. 451 of 1994, as amended.

Lake Oakland Improvement Board
Oakland County, Michigan