

**Minutes of the Lake Oakland
Lake Improvement Board Meeting
April 21, 2021**

Mr. Sabina called the Teleconference meeting to order at 3:35 p.m.

PRESENT: Rick Sabina, Citizen Member/Chairperson
George Nichols, Oakland County WRC, Member/Secretary
Karon Joliat, Oakland County Board of Commissioners, Member
Kimberly Markee, Waterford Township Member
Terri Nallamotheu, Independence Township Member
Paul Hausler, Progressive AE

Open Meeting

Mr. Sabina presented the Policy Regarding Electronic Meeting Procedures for Drain Code Public Bodies (see Attachment 'A').

Ms. Joliat, supported by Mr. Nichols, moved to accept the Policy and authorized the Chairperson to sign on behalf of Lake Oakland.

Motion Carried Unanimously

Introductions and Attendance

Mr. Sabina welcomed Karon Joliat as the new Oakland County Board of Commissioners member and Kimberly Markee as the new Waterford Township member.

All participants stated their name and affiliation for the record.

Approval of the Meeting Agenda:

Ms. Nallamotheu, supported by Mr. Joliat, moved to accept the meeting agenda as presented (see Attachment 'B').

Motion Carried Unanimously

Approval of Meeting Minutes:

Mr. Nichols, supported by Ms. Nallamotheu, moved to accept the minutes as submitted for the meeting of October 20, 2020.

Motion Carried Unanimously

Old Business:

A. Project Work Journal

Mr. Hausler provided a Project Work Journal (see Attachment 'C') dated October 20, 2020 that outlines all the services regarding plant control and associated costs to date for the 2020 calendar year. This was presented at the October Board Meeting and was presented again since there are new Board Members.

New Business:

A. Lake Oakland Survey – Spring 2021

Mr. Hausler stated that the survey is scheduled for May 5, 2021. Typically, a second survey is performed in mid-June.

B. Herbicide Treatment Schedule

Mr. Hausler stated that herbicide treatment is scheduled for the week of May 10th but could change based on the weather. A second treatment typically occurs right before July 4th. Treatment maps will be posted on the website.

C. Plant Harvesting Schedule

Mr. Hausler stated that harvesting is scheduled for early July right after the holiday. Harvesting maps will be posted on the website.

D. Treatment Notice

By law, treatment sites are to be posted within 100 feet on either side of the treatment area. Notices are also sent to residents no more than 45 days but not less than 7 days prior to treatment. All treatment location maps will be posted on the website.

E. Purple Loosestrife Beetles

Mr. Sabina stated that the largest infestation is located on the island where Sashawbaw Creek enters Lake Oakland. The Kalamazoo Nature Center has suspended their purple loosestrife beetles supply due to the pandemic, but Mr. Sabina was given another source to contact – Integrated Weed Control in Bozemen, Montana. They harvest adult beetles and are shipped out overnight delivery. Mr. Sabina placed an order for 10 containers at \$100 each, but there is no commitment as you only pay on the amount that was shipped once they are delivered. These services fall under the administration and contingency line item.

Ms. Markee, supported by Mr. Nichols, moved to accept the plan of purchasing ten (10) containers of purple loosestrife beetles with actual cost approval when necessary.

Motion Carried Unanimously

F. Lake Oakland Website Update

Mr. Hausler stated that the service provider has been changed and with the new provider it offers more options and flexibility to list information on the website. Mr. Hausler offered a quick tutorial of the website to the Board Members. Residents are strongly encouraged to visit the website for information regarding treatment dates on the lake.

G. DNR Spring Fish Survey

Mr. Sabina stated that he has been in contact with the DNR and confirmed that a fish survey will be performed this year. It is anticipated that nets will be set in early May and will be in the lake for 4-5 days during the week. Mr. Sabina will notify the riparian's once a date has been set, and it will also be posted on the website. It usually takes about one year to get the report and results back from the DNR.

H. Mobile Aquatic Invasive Species (AIS) Unit

Mr. Sabina stated that the Oakland County Parks & Recreation Department in conjunction with DNR are hosting a program this year regarding an AIS mobile unit. It is pilot program that is being moved between different lakes in Oakland County. The unit is user friendly and has all the equipment to allow boaters to clean their boats before and after entering Lake Oakland. There is no cost for the unit and the Parks Department delivers and picks up the unit. Mr. Sabina stated that we can pick the time period based on availability. Initially it was set for a one week usage (Thursday to Thursday) but was informed that we could do a two week usage. Mr. Sabina will send out an email to the riparian's once the dates have been set. It will also be posted in the Lake Oakland website.

Ms. Markee, supported by Ms. Nallamotheu, acknowledged the usage of the AIS unit and requesting Mr. Sabina to coordinate dates with the Oakland County Parks and Recreation Department.

Motion Carried Unanimously

I. Lake Oakland Chairman Candidates

Mr. Nichols stated that per the by-laws, every four years the Lake Board is required to solicit nominees for a resident chairperson representative. Mr. Sabina was appointed in September 2017 and has stated that he is submitting his name for this position again. A notice will be posted on the website and Mr. Sabina will email the riparian's regarding this position. A deadline of August 1, 2021 was set for nominee submittals.

Public Comments:

Ms. Markee stated that there is an algae concern on the lake. Mr. Hausler will investigate the area during the lake survey.

Lake Oakland Invoice Ratification:

Mr. Sabina outlined invoice #180735 from Progressive AE (dated January 22, 2021) in the amount of \$5,000.00 for Lake Management Administration and Oversight (Oct. 1, 2020 thru Dec. 31, 2020) that was approved by email acknowledgement since the last Board meeting, as noted in Item '8a'.

Ms. Nallamotheu, supported by Ms. Joliat, acknowledging the correspondence and to ratify the approval and payment of the invoice.

Motion Carried Unanimously

Mr. Sabina outlined invoice #181820 from Progressive AE (dated April 1, 2021) in the amount of \$5,000.00 for Lake Management Administration and Oversight (Jan. 1, 2021 thru Mar. 31, 2021) that was approved by email acknowledgement since the last Board meeting, as noted in Item '8b'.

Ms. Nallamotheu, supported by Ms. Joliat, acknowledging the correspondence and to ratify the approval and payment of the invoice.

Motion Carried Unanimously

Mr. Sabina outlined invoice #15426 from Aqua-Weed Control Services (dated Feb. 12, 2021) in the amount of \$1,500.00 regarding the 2021 Herbicide Treatment EGLE Permit Fee that was approved by email acknowledgement since the last Board meeting, as noted in Item '8c'.

Ms. Markee, supported by Ms. Nallamotheu, acknowledging the correspondence and to ratify the approval and payment of the invoice.

Motion Carried Unanimously

Lake Oakland Invoice Approval:

Mr. Sabina outlined invoice #140 from Mike's Clearwater Harvesting (dated April 9, 2021) for the 2021 Harvesting Deposit in the amount of \$3,500.00

Ms. Markee, supported by Ms. Joliat, moved to approve Mike's Clearwater Invoice #140

Motion Carried Unanimously

Board Member Comments:

Mr. Sabina acknowledged the efforts of Ms. Joliat and Ms. Markee of joining the Lake Board.

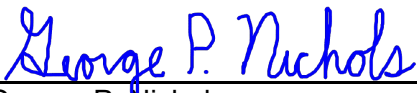
Meeting Schedule:

The next Lake Board meeting will be a teleconference meeting on June 16, 2021 at 3:30 p.m.
This will be posted on the website.

Adjournment:

Ms. Joliat, supported by Ms. Markee, moved to adjourn the meeting at 5:03 p.m.

Motion Carried Unanimously

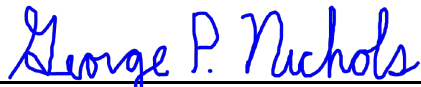


George P. Nichols
Lake Improvement Board Secretary
For Lake Oakland

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 21st day of April 2021 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.



George P. Nichols
Lake Improvement Board Secretary
For Lake Oakland

Dated: May 12, 2021

Attachment 'A'

**POLICY REGARDING ELECTRONIC MEETING
PROCEDURES FOR DRAIN CODE PUBLIC BODIES**

Rules and procedures adopted by the Lake Oakland Lake Improvement Board (“Public Body”) to protect health, safety, and welfare by establishing meeting procedures for the Public Body in compliance with the Michigan Open Meetings Act, Act 267 of 1976, *et seq* (“OMA”).

Lake Oakland Lake Improvement Board DECLARES AS FOLLOWS:

A. Title. These rules and procedures may be cited as Lake Oakland Lake Improvement Board Electronic Open Meetings Act Procedures (“Procedures”).

B. Purpose. It is the policy of the Public Body to develop reasonable rules and procedures in compliance with Sections 3 and 3a of the OMA for fully electronic meetings of the Public Body, or in which there exists the electronic participation of a member or members of the Public Body, and which may minimize the possibility of disruptions during such electronic meetings.

C. Electronic Meetings Authorization.

1. Authorization to hold remote electronic meetings. Sections 3 and 3a of the OMA provide that a physical place is not required for meetings held, in whole or in part, electronically by telephonic or video conferencing, in the following circumstances:

- a. Before March 31, 2021, under any circumstance;
- b. On or after March 31, 2021 through December 31, 2021, only in circumstances in which there is an absence of a member(s) of the body due to:
 - i. Military duty;
 - ii. A medical condition; or
 - iii. A statewide or local state of emergency or state of disaster declared pursuant to law or charter by the Governor or a local official or local governing body that would risk the personal health or safety of members of the public or the public body if the meeting was held in person.
 - a. For the purpose of permitting an electronic meeting due to a local state of emergency or state of disaster, only to permit the electronic attendance of a member of the Public Body who resides in the affected area or to permit the electronic

meeting of a public body that usually holds its meetings in the affected area.

c. After December 31, 2021, only in circumstances requiring accommodation of members absent due to military duty.

2. Physical Presence. At a meeting that accommodates members absent due to military duty or a medical condition, only those members absent due to military duty or a medical condition may participate electronically. Any other member must be physically present at the meeting.

3. Notice of Needed Accommodation. Members of the Public Body that must meet electronically on account of the member's military duty or medical condition, shall file a Notice of Needed Accommodation. Copies of the Notice of Needed Accommodation shall be submitted seventy-two (72) hours in advance of the first meeting the member will participate in electronically on account of their medical condition or military duty. Once filed, the Notice of Needed Accommodation will remain in effect until it is withdrawn by the member or until the public body can no longer accommodate the member's electronic participation under the OMA. It is a member's sole responsibility to withdraw a Notice of Needed Accommodation if they cease to have a medical condition or no longer have military duty obligations that enable their electronic participation. A Notice of Needed Accommodation filed only applies to this Public Body. A separate Notice of Needed Accommodation must be filed for any other public body for which electronic attendance is sought.

4. Attendance at Meetings Held Electronically In-Part. Members of the Public Body or members of the public participating electronically in a meeting held pursuant to these Procedures that occurs in a physical space in part are to be considered present and in attendance at the meeting for all purposes.

5. Meetings Held Fully Electronically. When a statewide or local state of emergency has been declared within the jurisdiction of the Public Body, fully electronic meetings of the Public Body may be called at the discretion of the Public Body, unless otherwise decided by the Public Body at a legally held meeting, for both the members of the Public Body and the public. In the event that a fully electronic meeting is scheduled due to a statewide or local state of emergency, and the state of emergency is rescinded prior to the date of the meeting, the Public Body shall take such action as necessary to reschedule the meeting in compliance with the OMA.

Notwithstanding the provisions of this section, the Public Body may decide, if legally permissible, to conduct an in-person meeting during a statewide or local state of emergency when deemed appropriate.

6. Participation Requirement. A meeting of the Public Body held electronically must be conducted in a manner that permits two-way communication so that members of the Public Body can hear and be heard by other members of the Public Body, and so that public participants can hear members of the Public Body and can be heard by members of the Public Body and other participants during a public comment period. The Public Body may use

technology to facilitate typed public comments that may be read to or shared with members of the Public Body and other participants.

D. Notice Requirements

1. Notice Requirements. Notices of any electronic meeting shall be posted, on behalf of the Public Body, on a portion of the Oakland County Water Resource Commissioner's website fully accessible to the public at least 18 hours before the meeting. The public notice on the website must be included on either the homepage or on a separate webpage dedicated to public notices for non-regularly scheduled or electronic meetings that is accessible through a prominent and conspicuous link on the website's homepage that clearly describes its purpose for public notification of non-regularly scheduled or electronic public meetings. The public notice shall contain the following information:

- a. Why the Public Body is meeting electronically;
- b. Which member(s) of the Public Body will be participating in the meeting electronically;
- c. How members of the public may participate in the meeting electronically, including a telephone number, internet address, or both;
- d. How members of the public may contact members of the Public Body to provide input or ask questions on any business that will come before the Public Body at the meeting; and
- e. How persons with disabilities may participate in the meeting.

2. Agendas. If an agenda exists for an electronic meeting of the Public Body held pursuant to these Procedures, and the Public Body and/or Oakland County Water Resource Commissioner directly or indirectly maintains an official internet presence that includes monthly or more frequent updates of public meeting agendas or minutes, the Public Body and/or Oakland County Water Resource Commissioner shall make the agenda available to the general public through the website at least two (2) hours before the electronic meeting begins.

E. Electronic Meeting Procedures. Consistent with the authority to establish reasonable rules under the OMA and the obligation of the Public Body to establish procedures for electronic meetings authorized by the OMA, such meetings shall be conducted in accordance with the following:

1. Use of Electronic Service. Public Body members and members of the public, when permitted by the Public Body, may participate in electronic meetings through software or interface using telephonic or video conferencing as facilitated by the Public Body.

2. Muting. During the meeting, each participant shall be permitted to mute or unmute themselves to the extent it does not create any distractions or disruptions of the meeting. To the extent necessary, a meeting host may mute or unmute participants to facilitate effective two-way communication and prevent disruption of the business of the meeting.

3. Public Comment. Members of the public shall speak only when called upon. The Public Body will designate an opportunity for each member of the public to be heard. Members of the public not speaking should remain muted unless and until called upon to provide comment and shall not otherwise cause disruptions. The Public Body shall make reasonable rules at a meeting to facilitate public comment in an orderly manner.

4. Public Announcement. For any member of the Public Body attending electronically, the member must make a public announcement at the outset of the meeting, to be included in the meeting minutes, that the member is in fact attending the meeting electronically. If the member is attending electronically for any other purpose other than for military duty, they shall identify their location by stating the city/township/village, county, and state from which they are attending.

5. Contacting Absent Members. Members of the public shall be informed of the electronic participation of a member of a Public Body through the notice required in Section D of these Procedures. The public may contact those absent members prior to the meeting to provide input on any business that will come before the public body by emailing or calling the Public Body with information provided in the notice. The Public Body shall then compile the input and transmit it to the absent member in advance of the meeting. For purposes of this section, an "absent member" is defined as any member authorized to participate in a meeting electronically.

6. Roll Call. During the electronic meeting, members of the Public Body will vote by roll call to avoid any questions about how each member of the Public Body votes. Each member of the Public Body must be asked how they vote, and their name and vote must be recorded in the meeting minutes.

7. Right to Record. The right of a person to participate in an electronic meeting includes the right to tape-record, to videotape, to broadcast live on radio, and to telecast live on television the proceedings of the meeting. The exercise of this right does not depend on the prior approval of the Public Body. However, individuals shall at a minimum provide written or oral notice to the Public Body prior to the start of an electronic meeting of their intent to tape-record, videotape, broadcast, or telecast the meeting in order to enable the Public Body to minimize the possibility of disrupting the meeting.

8. Registration. The Public Body may not require a person participating in an electronic meeting to register or otherwise provide his or her name or other information or otherwise to fulfill a condition precedent to attendance, other than mechanisms necessary to permit the person to participate in the public comment period of the meeting.

9. Breach of Peace. A person must be permitted to address the Public Body during an electronic meeting under these Procedures, provided that no specific rules by order of

the Public Body are needed to address specific circumstances or technical issues that arise during the meeting. A person must not be excluded from an electronic meeting otherwise open to the public except for a breach of the peace committed during the meeting.

10. Closed Session. Members of the general public participating in an electronic meeting may be excluded from participation in an electronic closed session of the Public Body if the closed session is convened and held in compliance with the requirements of the OMA applicable to a closed session.

11. Discussion, Deliberation, and Voting. The Public Body's electronic meeting will effectuate as fully as possible, the purposes of the OMA, which include promoting government accountability and fostering openness in government to enhance responsible decision-making. Except as it relates to closed sessions, the full discussions and deliberations of the Public Body, not just the voting, must still be done with public access.

12. Additional Rules. The chair or host of an electronic meeting has the authority to ensure that the meeting is conducted in an orderly manner. This includes the ability to institute additional rules and procedures reasonably necessary to further the requirements of the OMA.

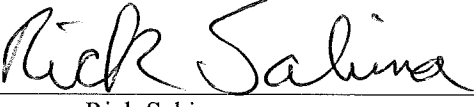
F. Review of Procedures. The Public Body shall review these Procedures if any substantive changes are made to the current provisions of the OMA, and present any proposed revisions to the Public Body for approval as necessary.

G. Validity and Severability. If any part of these Procedures are declared by any court of competent jurisdiction to be invalid, that declaration does not affect the validity of the remainder of the Procedures.

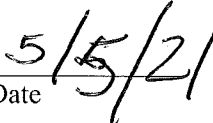
H. Repealer. While in effect, these Procedures supersede all policies (or parts of policies) of the Public Body that conflict with these Procedures.

I. Effective Date. These Procedures are effective immediately.

Adopted by Lake Oakland Lake Improvement Board.



Chairperson, Rick Sabina
Lake Oakland Lake Improvement Board


Date

Attachment 'B'

AGENDA

LAKE OAKLAND LAKE IMPROVEMENT BOARD

Wednesday, April 21, 2021 – 3:30 p.m.

[Zoom Link](https://progressiveae.zoom.us/j/98521874609?pwd=andlK0g4Q2xRcmtydXpjOGxDeEV5QT09)

<https://progressiveae.zoom.us/j/98521874609?pwd=andlK0g4Q2xRcmtydXpjOGxDeEV5QT09>

Meeting ID: 985 2187 4609

Passcode: 295730

1. Open Meeting
 - a. Open Meetings Act (OMA) Resolution Approval

2. Introductions and Attendance
 - a. Welcome New Board Members
 - i. Karon Joliat, Oakland County Board of Commissioners
 - ii. Kimberly Markee, Waterford Township Representative

3. Approval of the Meeting Agenda for April 21, 2021

4. Approval of Meeting Minutes from October 20, 2020

5. Old Business
 - a. Project Work Journal Summary 2020

6. New Business
 - a. Lake Oakland Survey – Spring 2021
 - b. Herbicide Treatment Schedule
 - c. Plant Harvesting Schedule
 - d. Treatment Notice
 - e. Purple Loosestrife Beetles

- f. Lake Oakland Website Updates
 - g. DNR Spring Fish Survey
 - h. Mobile Aquatic Invasive Species (AIS) Unit
 - i. Lake Oakland Chairman Candidates
7. Public Comments
8. Lake Oakland Invoice Ratification
- a. Ratification of Progressive AE Invoice #180735 (dated 1/22/21) for Lake Management Administration and Oversight Quarterly Services (Oct 1, 2020 thru Dec 31, 2020). Mr. Sabina, supported by Mr. Nichols, to pay invoice in the amount of \$5,000.00.
 - b. Ratification of Progressive AE Invoice #181820 (dated 4/1/21) for Lake Management Administration and Oversight Quarterly Services (Jan 1, 2021 thru Mar 31, 2021). Mr. Sabina, supported by Mr. Nichols, to pay invoice in the amount of \$5,000.00.
 - c. Ratification of Aqua-Weed Control Invoice #15426 (dated 2/12/21) for 2021 Herbicide Treatment EGLE Permit Fee. Mr. Sabina, supported by Mr. Nichols, to pay invoice in the amount of \$1,500.
9. Lake Oakland Invoice Approval
- a. Mike's Clearwater Harvesting 2021 Deposit (Invoice #140) dated April 9, 2021 for \$3,500.
10. Board Member Comments
11. All Else
- a. Schedule next meeting date – June 2021
12. Adjournment

Attachment 'C'

2020

Beginning Balance: \$73,500.00

Date	Type	Results
5/6/2020	Survey	Significant curly-leaf pondweed growth, milfoil a little less than last year, very sparse SSW. Schedule for week of May 18.

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
5/19/2020	2,4-D ester	Eurasian Milfoil	9.25 acre(s)	150.00 lbs/acre	\$4,440.00	\$69,060.00
5/19/2020	Algae control (filamentous and planktonic)	Filamentous or Planktonic Algae	5.75 acre(s)		\$230.00	\$68,830.00
5/19/2020	Dipotassium salt of endothall for exotics	Curly-leaf Pondweed	6.00 acre(s)		\$960.00	\$67,870.00
5/19/2020	Flumioxazin and contacts	Curly-leaf Pondweed	12.25 acre(s)	100.00 ppb	\$4,287.50	\$63,582.50
		Eurasian Milfoil				
		Starry Stonewort				
5/19/2020	Flumioxazin plus copper ethanolamine complex	Starry Stonewort	1.00 acre(s)	150.00 ppb	\$425.00	\$63,157.50
5/19/2020	Triclopyr dry	Eurasian Milfoil	0.75 acre(s)	180.00 lbs/acre	\$468.75	\$62,688.75
5/19/2020	Triclopyr liquid	Eurasian Milfoil	5.50 acre(s)	3.00 gallons/acre	\$1,375.00	\$61,313.75
5/19/2020	ProcellaCOR	Eurasian Milfoil	0.00 PDU		\$0.00	\$61,313.75
Invoice 14501 Total					\$12,186.25	\$61,313.75

6/10/2020	Survey	Found some milfoil and SSW. Water temp = 78F.
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2020

Beginning Balance: \$73,500.00

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance	
6/16/2020	2,4-D ester	Eurasian Milfoil	4.00 acre(s)	150.00 lbs/acre	\$1,920.00	\$59,393.75	
6/16/2020	Algae control (filamentous and planktonic)	Filamentous or Planktonic Algae	2.00 acre(s)		\$80.00	\$59,313.75	
6/16/2020	Diquat dibromide for exotics	Curly-leaf Pondweed Eurasian Milfoil	1.50 acre(s)	1.00 gallons/acre	\$225.00	\$59,088.75	
6/16/2020	Flumioxazin	Curly-leaf Pondweed Eurasian Milfoil Starry Stonewort	1.50 acre(s)	200.00 ppb	\$735.00	\$58,353.75	
6/16/2020	Flumioxazin and contacts	Curly-leaf Pondweed Eurasian Milfoil Starry Stonewort	1.00 acre(s)	100.00 ppb	\$350.00	\$58,003.75	
6/16/2020	Macro-algae control: copper and monoamine salt of endothall	Starry Stonewort	17.25 acre(s)		\$1,207.50	\$56,796.25	
6/16/2020	Triclopyr dry	Eurasian Milfoil	1.50 acre(s)	200.00 lbs/acre	\$1,041.66	\$55,754.59	
6/16/2020	Triclopyr liquid	Eurasian Milfoil	3.50 acre(s)	3.00 gallons/acre	\$875.00	\$54,879.59	
6/16/2020	ProcellaCOR	Eurasian Milfoil Nuisance Native Plants	30.00 PDU		\$3,450.00	\$51,429.59	
6/16/2020	Diquat dibromide @ 2 gal/acre	Curly-leaf Pondweed Eurasian Milfoil	0.25 acre(s)	2.00 gallons/acre	\$45.00	\$51,384.59	
					Invoice 14776 Total	\$9,929.16	\$51,384.59
7/5/2020 - 7/12/2020	Harvesting	Curly-leaf Pondweed Nuisance Native Plants Water Lillies	40.25 acre(s)		\$14,510.12	\$36,874.47	
7/5/2020 - 7/12/2020	Harvesting of starry stonewort	Chara Starry Stonewort	20.50 acre(s)		\$10,557.50	\$26,316.97	
					Invoice 120 Total	\$25,067.62	\$26,316.97

7/1/2020 Survey

Revised harvesting maps.

2020

Beginning Balance: \$73,500.00

7/9/2020 Survey

Found some significant starry stonewort - revised harvesting maps. Water = 89F.

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
7/15/2020	2,4-D ester	Eurasian Milfoil	2.25 acre(s)	150.00 lbs/acre	\$1,080.00	\$25,236.97
7/15/2020	Algae control (filamentous and planktonic)	Filamentous or Planktonic Algae	8.75 acre(s)		\$350.00	\$24,886.97
7/15/2020	Macro-algae control: copper and monoamine salt of endothall	Starry Stonewort	18.25 acre(s)		\$1,277.50	\$23,609.47
7/15/2020	Chelated Copper Complex Granular (Harpoon)	Starry Stonewort Wild Celery	1.50 acre(s)	200.00 lbs/acre	\$487.50	\$23,121.97
7/15/2020	ProcellaCOR	Eurasian Milfoil Nuisance Native Plants	9.00 PDU		\$1,035.00	\$22,086.97
7/15/2020	Diquat dibromide @ 2 gal/acre	Eurasian Milfoil Nuisance Native Plants	2.00 acre(s)	2.00 gallons/acre	\$360.00	\$21,726.97
7/15/2020	dipotassium salt of endothall/diquat-dibromide complex @ 4 gal./acre	Eurasian Milfoil Nuisance Native Plants	0.75 acre(s)		\$375.00	\$21,351.97
Invoice 14977 Total					\$4,965.00	\$21,351.97

7/21/2020 Survey

Found some starry and wild celery, small areas of milfoil.

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance
7/28/2020	2,4-D ester	Eurasian Milfoil	0.75 acre(s)	150.00 lbs/acre	\$360.00	\$20,991.97
7/28/2020	Algae control (filamentous and planktonic)	Filamentous or Planktonic Algae	1.00 acre(s)		\$40.00	\$20,951.97
7/28/2020	Chelated copper complex liquid		2.00 acre(s)		\$640.00	\$20,311.97
7/28/2020	Diquat dibromide for exotics	Curly-leaf Pondweed Eurasian Milfoil	1.75 acre(s)	1.00 gallons/acre	\$262.50	\$20,049.47
7/28/2020	Macro-algae control: copper and monoamine salt of endothall	Starry Stonewort	0.50 acre(s)		\$35.00	\$20,014.47
7/28/2020	Triclopyr liquid	Eurasian Milfoil	0.25 acre(s)	3.00 gallons/acre	\$62.50	\$19,951.97
7/28/2020	Chelated Copper Complex Granular (Harpoon)	Starry Stonewort Wild Celery	7.75 acre(s)	200.00 lbs/acre	\$2,518.75	\$17,433.22
Invoice 14979 Total					\$3,918.75	\$17,433.22

Project Work Journal
Lake Oakland

2020

Beginning Balance: \$73,500.00

8/19/2020 Survey

Found some milfoil re-growth and some SSW.

Treatment Date	Type	Target Species	Qty	Dose Rate	Cost	Remaining Balance	
8/26/2020	2,4-D ester	Eurasian Milfoil	2.75 acre(s)	150.00 lbs/acre	\$1,320.00	\$16,113.22	
8/26/2020	Algae control (filamentous and planktonic)	Filamentous or Planktonic Algae	1.00 acre(s)		\$40.00	\$16,073.22	
8/26/2020	Macro-algae control: copper and monoamine salt of endothall	Starry Stonewort	6.25 acre(s)		\$437.50	\$15,635.72	
8/26/2020	Triclopyr dry	Eurasian Milfoil	1.00 acre(s)	200.00 lbs/acre	\$694.44	\$14,941.28	
8/26/2020	Triclopyr liquid	Eurasian Milfoil	10.25 acre(s)	3.00 gallons/acre	\$2,562.50	\$12,378.78	
8/26/2020	Chelated Copper Complex Granular (Harpoon)	Starry Stonewort Wild Celery	6.75 acre(s)	200.00 lbs/acre	\$2,193.75	\$10,185.03	
8/26/2020	Diquat dibromide @ 2 gal/acre	Eurasian Milfoil Nuisance Native Plants	2.75 acre(s)	2.00 gallons/acre	\$495.00	\$9,690.03	
					Invoice 15072 Total	\$7,743.19	\$9,690.03
9/6/2020 - 9/14/2020	Harvesting	Curly-leaf Pondweed Nuisance Native Plants	11.50 acre(s)		\$4,145.75	\$5,544.28	
9/6/2020 - 9/14/2020	Harvesting of starry stonewort	Chara Starry Stonewort	7.50 acre(s)		\$3,862.50	\$1,681.78	
9/6/2020 - 9/14/2020	Harvesting of starry stonewort		0.25 acre(s)		\$128.75	\$1,553.03	
					Invoice 127 Total	\$8,137.00	\$1,553.03

9/9/2020 Survey

About 50 percent done on harvest

9/15/2020 Survey

Lake looks good overall