

**LILY LAKE IMPROVEMENT BOARD
OCTOBER 16, 2020
MEETING AGENDA**

1. CALL TO ORDER

2. BOARD MEMBERS :
 - Carl Parks, Drain Commissioner
 - David Hoefling, County Commissioner
 - Dave Lawrence, Township Representative
 - Linda Bailow, Township Representative
 - Dale Price, Waterfront Representative

3. VISITOR RECOGNITION AND COMMENTS

4. MINUTES:
 - A. October 4, 2019
 - B.
 - C.

5. OLD BUSINESS:
 - A.
 - B.
 - C.

6. NEW BUSINESS:
 - A. Condition of lake
 - B. Extend weed control contract
 - C. Budget
 - D.

And any other business that may come before the board.

7. BOARD MEMBER REPORTS AND COMMENTS

8. ADJOURN

CLARE COUNTY DRAIN COMMISSION

225 WEST MAIN STREET
HARRISON, MICHIGAN 48625

PHONE: 989-539-7320

FAX: 989-539-7385

CARL PARKS, DRAIN COMMISSIONER

COLLEEN RITCHIE, SECRETARY

Lily Lake Improvement Board Meeting
October 4, 2019

Meeting was called to order by Carl Parks at 2:40 p.m. with the following board members present: Carl Parks, Dave Lawrence, Dale Price and Linda Bailow Also present: Bre Grabill and Casey Shoaff from PLM, Colleen Ritchie and members from the district (see attached list) Absent: David Hoefling

Motion by Dale Price, second by Linda Bailow to accept the minutes from the August 14, 2019 Special Meeting as written. All in favor, motion passed.

Motion by Dale Price, second by Linda Bailow to accept the minutes from the September 7, 2019 Hearing on Confirmation of Special Assessment Roll as written. All in favor, motion passed.

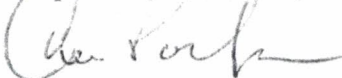
Casey Shoaff discussed the condition of the lake. There was a moderate amount of milfoil found in the lake. A whole lake sonar treatment will be done in 2020. Algae was treated this year also. The MD pellets have been effective in the channel. The water depth has increased.

Motion by Dave Lawrence, second by Linda Bailow to extend the weed control contract with Professional Lake Management for the 2020 season. All in favor, motion passed.

Colleen handed out a budget report that she keeps track of during the year. The township showed about \$3.00 more due to interest Colleen did not record. Colleen will start with the total from the township for next year.

Motion by Dave Lawrence, second by Dale Price to adjourn the Lily Lake Improvement Board meeting at 3:01 p.m. with no further business to discuss.

Respectfully submitted,



Carl Parks

Lily Lake Improvement Board

CP/cr



Lake Evaluation Report

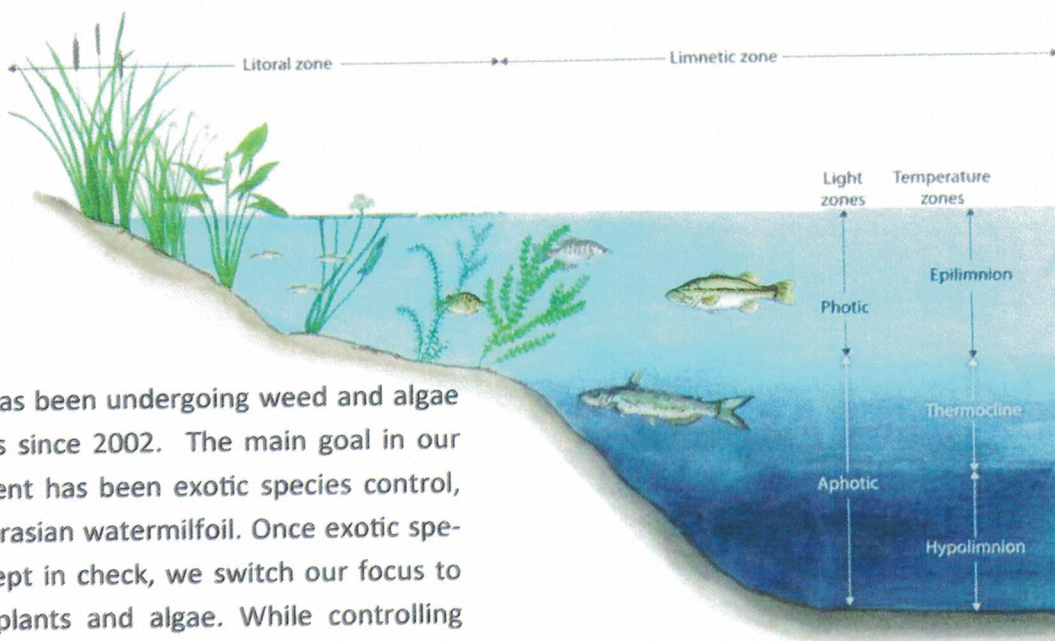
Lake Name: Lily Lake County: Clare

Evaluated by: Casey Shoaff

Reviewed by: Bre Grabill

Date: August 28, 2020

Purpose of evaluation: End of Season Survey, WQ



Lily Lake has been undergoing weed and algae treatments since 2002. The main goal in our management has been exotic species control, namely Eurasian watermilfoil. Once exotic species are kept in check, we switch our focus to nuisance plants and algae. While controlling both weeds and algae, we only treat when and where necessary. We do not want to create a swimming pool on Lily Lake, the lake is a living ecosystem and needs both plants and algae to function properly. If you feel your lakefront needs additional focus, we recommend that you use a rake to remove some vegetation in addition to herbicide application.

You can see our treatment and service layout to the right:

2020 Service Timeline:

<u>Service</u>	<u>Date</u>	<u>Acres</u>
Water Quality	5/4	—
Sonar Application	5/6	—
Sonar Bump and Muck Treatment	5/17	—
Algae and Muck Treatment	6/22	15
Algae and Muck Treatment	7/28	30
Algae and Muck Treatment	8/28	1
AVAS and Water Quality	8/28	—

PLM is on your waterbody at a minimum of once a month. It is our philosophy that you cannot effectively manage a lake if you are not on it regularly. We perform routine surveys both pre and post treatment as well as an end of year survey that is more in depth referred to as an AVAS survey. Results can be seen below with an in depth breakdown. AVAS surveys take into account the whole littoral zone of a lake. We break down the perimeter into 300' sections and classify all species found within each section by density (A-D, D being most dense). These surveys are ideal for identifying the amount of exotics within the lake as well as the cover and diversity of native species. These surveys also help to quickly identify new exotic species introductions to our lakes which is very helpful when we can then control them as soon as we find them.

Michigan's Aquatic Invasive Plant Watch List

Aquatic invasive species on the watch list have been identified as being an immediate and significant threat to Michigan's natural resources. These species either have never been confirmed in the wild in Michigan or have a limited known distribution. Early detection and timely reporting are crucial for preventing establishment and lasting impacts. For more information on these plants visit www.dnr.mt.mt.gov

Be on the lookout for these invasive plants!



If you have seen any of these aquatic invaders, note their location and contact



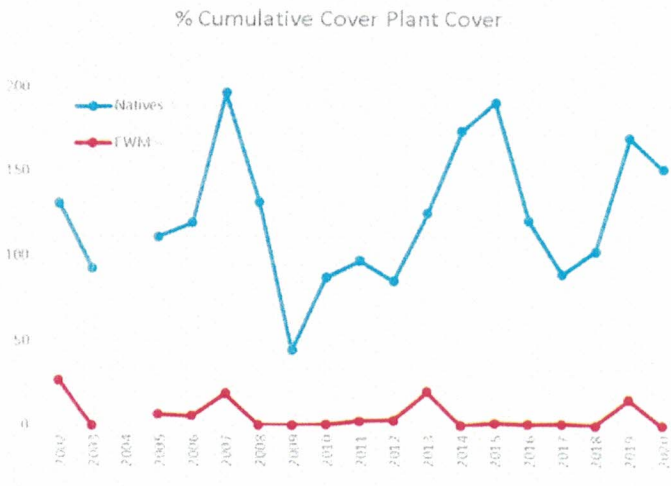
Michigan DEQ Water Resources Division

Phone: 517-284-5593

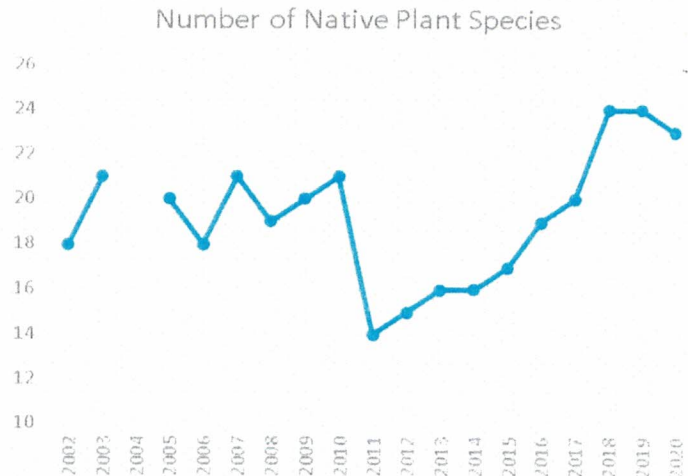
www.mi.gov/mvasivespecies



Questions about other aquatic invasive plants? Contact the DEQ Aquatic Invasive Control Program at 517-284-5593 www.mi.gov/mvasivespecies



Graph 1 compares native plant cover to EWM cover throughout Lily Lake. Plant fluctuations will be seen annually but overall we see a consistent increase in natives and low percentage of EWM a result of the management choices in using a variety of active ingredients. The EWM was treated with Sonar in 2020 and none was found at the end of season survey which represents a successful treatment.



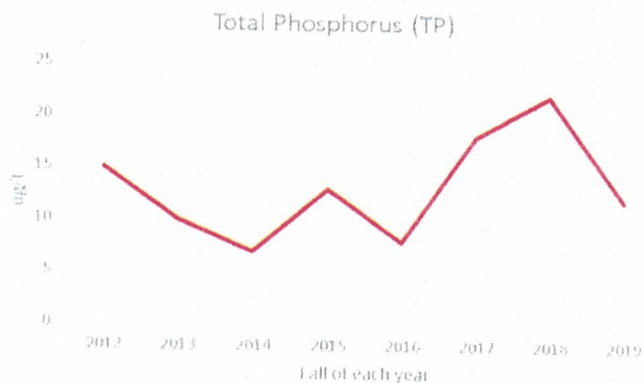
Graph 2 shows an increase in the number of native plants over the last nineteen years. As the EWM densities have decreased, the diversity of native plants has increased. More native plants can help naturally defend against new exotic species and promotes a healthy fishery/lake ecosystem.

Water Quality Analysis—Deep Hole of the Lake

PLM has been monitoring the water quality on Lily Lake for nine years. We do three different tests throughout the summer. A spring and fall profile with nutrient samples as well as a mid summer sample of e coli. Our water quality program looks at the amount of total phosphorus (TP), dissolved oxygen (DO), secchi depth (water clarity) and temperature profile through the deep hole. We have broken down a few of the parameters in the graphs below to represent changes over the past eight years. The 2020 season results will be updated as soon as the lab processes all of the samples.



Graph 1 represents changes in secchi depth over the past years. Clarity fluctuates on a regular basis, but having years of data can help point to a consistency trend.



Graph 2 represents the total phosphorus found in Lily Lake. TP levels can be directly affected by; leaky septic, run-off from roads or agriculture, lawn fertilizer and organic matter that finds its way into your lake. If we notice elevated levels for too long, we would have to pin point the source and come up with a solution to stop or slow the nutrient leeching.

Lily Lake was treated in 2020 using a whole lake Fluridone herbicide. Fluridone, also known as Sonar, targets EWM only and provides residual control into the future treatment seasons. We have had good success using this herbicide in previous years on Lily Lake and plan to see similar results with this treatment.

Muck and algae were also treated throughout the season. Algae growth was controlled using a combination of chelated copper and copper sulfate. A sediment sample was taken in the area where muck pellets are being applied to test for the percent organic makeup of the soil. We will then compare the results to our control data when we started the program.

Final Recommendations

The recommended management program for 2021:

- A spring vegetation survey (to evaluate conditions in the lake and direct management efforts)
- Water quality evaluation should continue
- Herbicide treatments for exotic plants, when needed
- Nuisance native plants and algae treatments as needed
- Muck treatments in the northern channel
- A fall vegetation survey



Survey 9/23/20

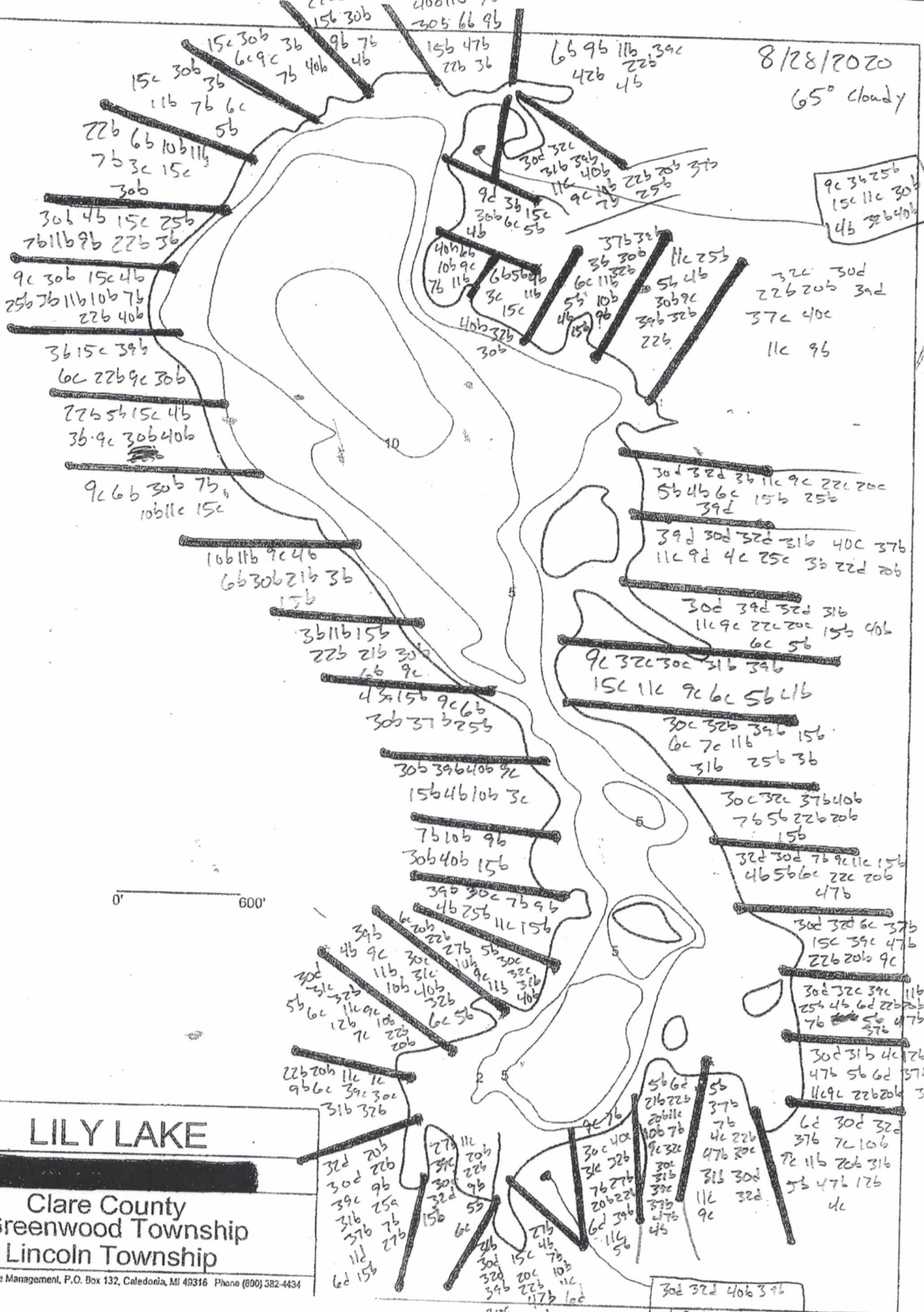
Standard Aquatic Vegetation Summary Sheet

Code No	Plant Name	Total number of AVAS's for each Density Category				Calculations				Sum of Columns 5-8	Total No. of AVAS	Col 9 divided by Col 10
		A	B	C	D	A x 1	B x 10	C x 40	D x 80			
		1	2	3	4	5	6	7	8	9	10	11
1	Eurasian watermilfoil	0	0	0	0	0	0	0	0			
2	Curly leaf pondweed	0	0	0	0	0	0	0	0		47	
3	Chara	0	16	3	0	0	160	120	0	280	47	5.96
4	Thinleaf pondweed	0	20	4	0	0	200	160	0	360	47	7.66
5	Flatstem pondweed	0	21	0	0	0	210	0	0	210	47	4.47
6	Robbins pondweed	0	10	16	8	0	100	640	640	1380	47	29.36
7	Variable pondweed	0	23	4	0	0	230	160	0	390	47	8.30
8	White stem pondweed	0	0	0	0	0	0	0	0			
9	Richardsons pondweed	0	11	28	2	0	110	1120	160	1390	47	29.57
10	Illinois pondweed	0	16	0	0	0	160	0	0	160	47	3.40
11	Large leaf pondweed	0	17	20	1	0	170	800	80	1050	47	22.34
12	American pondweed	0	4	0	0	0	40	0	0	40	47	0.85
13	Floating leaf pondweed	0	0	0	0	0	0	0	0			
14	Water stargrass	0	0	0	0	0	0	0	0			
15	Wild celery	0	16	15	0	0	160	600	0	760	47	16.17
16	Sagittaria (submersed)	0	0	0	0	0	0	0	0			
17	Northern watermilfoil	0	0	0	0	0	0	0	0			
18	Green watermilfoil	0	0	0	0	0	0	0	0			
19	Two-leaved watermilfoil	0	0	0	0	0	0	0	0			
20	Coontail	0	16	6	0	0	160	240	0	400	47	8.51
21	Elodea	0	4	0	0	0	40	0	0	40	47	0.85
22	Bladderwort	0	25	4	1	0	250	160	80	490	47	10.43
23	Mini Bladderwort	0	0	0	0	0	0	0	0			
24	Buttercup	0	0	0	0	0	0	0	0			
25	Naiad	1	10	1	0	1	100	40	0	141	47	3.00
26	Brittle naiad	0	0	0	0	0	0	0	0			
27	Sago Pondweed	0	5	0	0	0	50	0	0	50	47	1.06
28	Cabomba	0	0	0	0	0	0	0	0			
29	Starry stonewort	0	0	0	0	0	0	0	0			
30	Water Lily	0	20	9	16	0	200	360	1280	1840	47	39.15
31	Spatterdock	0	13	2	1	0	130	80	80	290	47	6.17
32	Water shield	0	10	8	10	0	100	320	800	1220	47	25.96
33	Lemna minor	0	0	0	0	0	0	0	0			
34	Greater duckweed	0	0	0	0	0	0	0	0			
35	Watermeal	0	0	0	0	0	0	0	0			
36	Arrowhead	0	0	0	0	0	0	0	0			
37	Pickerelweed	0	12	1	0	0	120	40	0	160	47	3.40
38	Arrow arum	0	0	0	0	0	0	0	0			
39	Cattail	0	12	7	4	0	120	280	320	720	47	15.32
40	Bulrush	0	15	4	0	0	150	160	0	310	47	6.60
41	Iris	0	0	0	0	0	0	0	0			
42	Swamp loosestrife	0	2	0	0	0	20	0	0	20	47	0.43
43	Purple loosestrife	1	0	0	0	1	0	0	0	1	47	0.02
44	Phragmites	0	0	0	0	0	0	0	0			
45	Variable leaf milfoil	0	0	0	0	0	0	0	0			
46	Slender spikerush	0	0	0	0	0	0	0	0			
47	Smartweed	0	8	0	0	0	80	0	0	80	47	1.70
48	Water marigold	0	0	0	0	0	0	0	0			
49	American lotus	0	0	0	0	0	0	0	0			
50		0	0	0	0		0	0	0			

Total cumulative cover

250.68

8/28/2020
65° cloudy



LILY LAKE

Clare County
Greenwood Township
Lincoln Township

Professional Lake Management, P.O. Box 132, Caledonia, MI 49316 Phone (800) 382-4434



October 6, 2020

Lily Lake SAD
 Greenwood Township Treasurer
 Mr. Dave Lawrence
 2620 Cherry Grove
 Harrison, MI 48625

PLM Lake & Land Management Corp. will provide aquatic management for Lily Lake as part of our current contract with no price increases for the 2021 season. This contract update is provided for your review. PLM treated the EWM in Lily Lake with a full lake Sonar herbicide. The treatment was very successful and there was no EWM reported in our Fall Survey.

Management Program for Lily Lake 2021:

In order to properly manage Lily Lake, a diverse and strong native plant community needs to be promoted. This is done in a variety of ways, including by controlling the infestation of exotic and invasive plants. Controlling exotic and invasive species is vital to the overall health of the lake, however some constraints do exist and as a community, we can work through those. In addition, monitoring the lake for both plants and water quality parameters is key to the long-term success of the program. Reducing nutrient loading, promoting natural buffers and shorelines and dealing with elevated phosphorus levels are also important when managing the lakes. Educating riparians on lake ecology, protecting the environment and working with all that use Lily Lake to prevent entry of new plants will assist in the long-term lake management efforts.

Tentative Plan of Action for Lily Lake:

- Winter:** Apply for MDEQ Permit
 - Spring:** Newsletter/notification to residents
 - April/May/June:** Spring survey. Potential initial herbicide application. Water Quality testing (optional).
 - June/July/August:** Pre/post treatment surveys as required. Follow up herbicide treatments based on growth of vegetation. Water Quality testing (optional).
 - August/Sept:** Pre/post treatment surveys as required. Emergent (Phrag) treatment if required. Fall AVAS Survey. Water Quality testing.
 - Fall/Winter:** Prepare year-end reports on Lily Lake. Develop management plans and recommendations for 2021.
- Note: PLM schedules roughly every 3 to 4 weeks for pre/post surveys and applications and performs services only based on approval and set management programs.

Unit Costs Per Acre

Systemic Herbicides:	Cost:	Application Rate:
Sculpin G:	\$495.00	@180lbs/acre
Renovate OTF:	\$645.00	@180lbs/acre
Renovate 3:	\$250.00	@2.5gals/acre
Contact Herbicides:		
Diquat:	\$160.00	@1gal/acre
Diquat:	\$180.00	@2gals/acre
Aquathol K:	\$160.00	@1gal/acre
Clipper:	\$475.00	@200ppb
Clipper:	\$395.00	@100ppb + contacts
Aquastrike:	\$325.00	@2.5gals/acre
ProcellaCOR:	\$122.00	per PDU
Other Services:		
Nautique:	\$355.00	@7.5gals/acre

PO Box 424 · Evart, Michigan 49631
 phone 800.382.4434 · fax 231.372.5900
 www.plmcorp.net

Komeen Crystals:	\$535.00	@30lbs/acre
Algaecides (per acre):	\$40.00	@5-6lbs/acre + chelated copper
Algaecides (per acre):	\$40.00	@13lbs/acre
Seclear G:	\$150.00	@20lbs/acre
MD Pellet Treatment:	\$375.00	@channel area
Lily pads (per 1600' area):	\$75.00	
AVAS Survey (annual):	\$500.00	Optional
Mid-Summer Surveys:	No Charge	
Water Quality Program:	\$625.00	
Mechanical Harvesting	\$250.00/hour	(\$3,500.00 minimum)
DEQ Permit:	\$1500.00	

*Unit cost application rates are provided. If the application rate is adjusted, the unit cost will be proportionally adjusted for the increase in rate.

*Hybrid milfoil populations require increased application rates and more aggressive treatment protocols, often increasing the cost/acre and overall lake budgets. It is important to stay on top of milfoil populations and manage a waterbody for changing genetic makeups.

For further clarification or modifications please contact.



Casey Shoaff, Environmental Biologist
 Northeast Lakes Manager
 PLM Lake & Land Management Corp.
 caseys@plmcorp.net
 800-382-4434 ext. 2202

1:38 PM

10/06/20

Accrual Basis

PLM MI North
Sales by Customer Detail
 January through December 2019

Date	Memo	Qty	Sales Price	Amount	Balance
Lily Lake					
01/14/2019	Permit Fee for 2019 Season Please make payment payable to *State of ...	1	0.00	0.00	0.00
03/26/2019	Prepay Credit	-1	360.00	-360.00	-360.00
06/05/2019	Weed Treatment of Lake Using Diquat	15	160.00	2,400.00	2,040.00
06/05/2019	Weed Treatment of Lake Using Aquastrike	10	325.00	3,250.00	5,290.00
06/05/2019	Clipper Treatment of Lake 200ppb	4.1	475.00	1,947.50	7,237.50
07/10/2019	MD Pellet Treatment	1	375.00	375.00	7,612.50
07/10/2019	Algae Treatment of Lake	3	40.00	120.00	7,732.50
07/10/2019	Weed Treatment of Lake using Diquat @ 2gal/acre	7.5	180.00	1,350.00	9,082.50
07/10/2019	Weed Treatment of Lake Using Aquastrike @ 2.5gal/acre	2	325.00	650.00	9,732.50
07/10/2019	Clipper Treatment of Lake 200ppb	4.7	475.00	2,232.50	11,965.00
08/05/2019	MD Pellet Treatment	1	375.00	375.00	12,340.00
08/05/2019	Algae Treatment of Lake	10	40.00	400.00	12,740.00
08/05/2019	Weed Treatment of Lake using Diquat at 2gals/acre	1	180.00	180.00	12,920.00
08/05/2019	Weed Treatment of Lake Using Aquastrike at 2.5gals/acre	4	325.00	1,300.00	14,220.00
08/05/2019	Clipper Treatment of Lake 200ppb	1.6	475.00	760.00	14,980.00
09/12/2019	AVAS Survey of Lake	1	500.00	500.00	15,480.00
09/12/2019	Water Quality Program	1	625.00	625.00	16,105.00
09/12/2019	MD Pellet Treatment	1	375.00	375.00	16,480.00
Total Lily Lake		67.9		16,480.00	16,480.00
TOTAL		67.9		16,480.00	16,480.00

1:38 PM

10/06/20

Accrual Basis

PLM MI North

Sales by Customer Detail

January through December 2020

Date	Memo	Qty	Sales Price	Amount	Balance
Lily Lake					
01/09/2020	Reimbursement for 2020 Permit Application Fee	1	1,500.00	1,500.00	1,500.00
03/01/2020	Weed & Algae Treatment of Lake	-1	360.00	-360.00	1,140.00
05/06/2020	Newsletter Notice	1	40.00	40.00	1,180.00
05/06/2020	FasTest	20	175.00	3,500.00	4,680.00
05/06/2020	Lake Management Plan	1	750.00	750.00	5,430.00
05/06/2020	AVAS Survey of Lake	1	500.00	500.00	5,930.00
05/06/2020	Water Quality Program	1	625.00	625.00	6,555.00
05/06/2020	Sonar Treatment of Lake	5.04	2,190.00	11,037.60	17,592.60
05/27/2020	MD Pellet Treatment of Channel	1	375.00	375.00	17,967.60
05/27/2020	Sonar A.S Bump - Up Treatment of Lily	1.5	2,190.00	3,285.00	21,252.60
06/22/2020	MD Pellet Treatment	1	375.00	375.00	21,627.60
06/22/2020	Algae Treatment of Lake	15	40.00	600.00	22,227.60
07/28/2020	MD Pellet Treatment	1	375.00	375.00	22,602.60
07/28/2020	Algae Treatment of Lake Price	30	40.00	1,200.00	23,802.60
08/28/2020	MD Pellet Treatment	1	375.00	375.00	24,177.60
08/28/2020	Algae Treatment of Lake	1	40.00	40.00	24,217.60
09/24/2020	Sediment Sample	1	150.00	150.00	24,367.60
Total Lily Lake		81.54		24,367.60	24,367.60
TOTAL		81.54		24,367.60	24,367.60

Lily Lake

Beginning balance	10/4/2019	\$	4,739.99
AVAS Survey, WQ, Pellet	10/8/2019	\$	1,500.00
		\$	3,239.99
Notice of Confirmation of Assessment Roll	10/15/2019	\$	48.00
		\$	3,191.99
Progressive AE	11/5/2019	\$	2,200.00
		\$	991.99
2019 Special Assessment	5/15/2020	\$	33,500.00
		\$	34,491.99
Annual permit fee	12/16/2019	\$	1,500.00
		\$	32,991.99
Discounted price for weed control	2/19/2020	\$	11,640.00
		\$	21,351.99
AVAS Survey, WQ, Manangement Plan	5/22/2020	\$	4,452.60
		\$	16,899.39
Pellet and sonar bump	6/19/2020	\$	3,660.00
		\$	13,239.39
Algae & pellet treatment	7/21/2020	\$	975.00
		\$	12,264.39
Algae & pellet treatment	9/9/2020	\$	415.00
		\$	11,849.39
Drain office fee	9/16/2020	\$	200.00
		\$	11,649.39
Township audit	10/1/2020	\$	810.00
		\$	10,839.39
Interest	10/15/2020	\$	3.21
		\$	10,842.60

Balance →

Unapproved Minutes - 10/16/2020

CLARE COUNTY DRAIN COMMISSION

225 WEST MAIN STREET

HARRISON, MICHIGAN 48625

PHONE: 989-539-7320

FAX: 989-539-7385

CARL PARKS, DRAIN COMMISSIONER

COLLEEN RITCHIE, SECRETARY

Lily Lake Improvement Board Meeting

October 16, 2020

Meeting was called to order by Carl Parks at 11:01 a.m. p.m. with the following board members present: Carl Parks, Dave Lawrence, Dale Price, David Hoefling and Linda Bailow Also present: Casey Shoaff from PLM, Colleen Ritchie and members from the district (see attached list)

Motion by Dale Price, second by Linda Bailow to accept the minutes from the October 4, 2019 meeting as written. All in favor, motion passed.

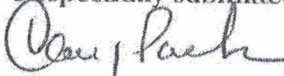
Casey Shoaff discussed the condition of the lake. The initial sonar treatment was done in May. A bump up treatment was also done in May. There was no milfoil found in the end of year survey. Algae and pellet treatments were done also. The MD pellets have been effective in the channel. The water depth has increased. There is a good native plant diversity in the lake.

Motion by Dave Lawrence, second by Dale Price to extend the weed control contract with Professional Lake Management for the 2021 season. All in favor, motion passed.

Colleen handed out a budget report that she keeps track of during the year. The township showed about \$3.31 more due to interest Colleen did not record. Colleen will start with the total from the township for next year.

Motion by David Hoefling, second by Dave Lawrence to adjourn the Lily Lake Improvement Board meeting at 11:17 a.m. with no further business to discuss.

Respectfully submitted,



Carl Parks

Lily Lake Improvement Board

CP/cr

Lily Lake Improvement

October 16, 2020

Doug Bailow

Jeff Yuchasz

Mark Kingsley

Kenn Norstrom

Will Hoefling

GREENWOOD TOWNSHIP LILY LAKE IMPROVEMENT SPECIAL ASSESSMENT

<u>DATE</u>	<u>ACTIVITY</u>	<u>RECPT. #</u>	<u>CK. #</u>	<u>DEPOSIT</u>	<u>WITHDRAWL</u>	<u>INTEREST</u>	<u>BALANCE</u>
							\$19,066.34
3/31/2020	Interest	R# 4389				\$1.10 *	\$19,067.44
4/30/2020	Interest	R# 4395				\$0.78 *	\$19,068.22
5/18/2020	2019 delq. assessment	R# 4402		\$2,288.96		*	\$21,357.18
5/30/2020	PLM Lake & Land Man. Corp.		CK#1105		\$4,452.60	*	\$16,904.58
5/31/2020	Interest	R# 4410				\$0.85 *	\$16,905.43
6/24/2020	PLM Lake & Land Man. Corp.		CK#1106		\$3,660.00		\$13,245.43
6/30/2020	Interest	R# 4420				\$0.17 *	\$13,245.60
7/31/2020	Interest	R# 4426				\$0.12	\$13,245.72
8/5/2020	PLM Lake & Land Man. Corp.		CK#1107		\$975.00		\$12,270.72
8/31/2020	Interest	R# 4438				\$0.09	\$12,270.81
9/30/2020	Interest	R# 4				\$0.10	\$12,270.91
10/7/2020	PLM Lake & Land Man. Corp.		CK# 1108		\$415.00		\$11,855.91
10/7/2020	Clare County Treasurer		CK# 1109		\$200.00		\$11,655.91
10/7/2020	GT General Fund- 2020 audit reimb		CK# 1110		\$810.00		\$10,845.91

Lily Lake

Beginning balance	10/4/2019	\$	4,739.99
AVAS Survey, WQ, Pellet	10/8/2019	\$	1,500.00
		\$	3,239.99
Notice of Confirmation of Assessment Roll	10/15/2019	\$	48.00
		\$	3,191.99
Progressive AE	11/5/2019	\$	2,200.00
		\$	991.99
2019 Special Assessment	5/15/2020	\$	33,500.00
		\$	34,491.99
Annual permit fee	12/16/2019	\$	1,500.00
		\$	32,991.99
Discounted price for weed control	2/19/2020	\$	11,640.00
		\$	21,351.99
AVAS Survey, WQ, Manangement Plan	5/22/2020	\$	4,452.60
		\$	16,899.39
Pellet and sonar bump	6/19/2020	\$	3,660.00
		\$	13,239.39
Algae & pellet treatment	7/21/2020	\$	975.00
		\$	12,264.39
Algae & pellet treatment	9/9/2020	\$	415.00
		\$	11,849.39
Drain office fee	9/16/2020	\$	200.00
		\$	11,649.39
Township audit	10/1/2020	\$	810.00
		\$	10,839.39
Interest	10/15/2020	\$	3.21
		\$	10,842.60