

October 2, 2025



PLM
LAKE & LAND
MANAGEMENT CORP

Budd Lake-Clare County
Mr. William Faber
225 West Main St
Harrison, MI 48625

The following is a contract update for our current multiple year agreement. Thank you for working with PLM, together we are able to properly manage Budd Lake! There are no price increases for 2026!

Management Program for Budd Lake 2026:

Budd Lake, Clare County needs to be properly managed from all aspects, including but not limited to plant and algae growth, water quality monitoring, surveying and educating riparian's. Budd Lake currently has an infestation of Eurasian watermilfoil, curly leaf pondweed and wild celery in some areas.

In order to properly manage Budd 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 lake. Educating riparian's on lake ecology (spring newsletter), protecting the environment and working with all that use Budd Lake to prevent entry of new plants will assist in the long-term lake management efforts. Curly leaf pondweed needs to be managed in the early spring along with EWM.

References: PLM works on hundreds of lakes and ponds across Michigan, divided into four geographical areas. Budd Lake falls within our Northern Lakes Territory. PLM has been in business over 40 years and many of our clients have worked with PLM for decades.

Products to be applied: Restrictive products such as Diquat, Renovate, Aquathol K, Hydrothol 191, Navigate and nonrestrictive products such as copper sulfate, chelated copper products, shade and any new products approved for use through the MI EGLE.

Standard Annual Proposed Timeline

Winter: Apply for EGLE Permit

Spring: Notifies all residents via mailing of proposed treatment schedule. Addresses supplied by board

May/June: Spring Survey, Water Quality optional

May/June: Potential initial herbicide/algaecide application

June/July: Potential herbicide/algaecide application. Pre/post survey, WQ testing optional

August/September: Potential herbicide/algaecide application. Fall AVAS survey, WQ optional

Fall: Year End Review of program supplied to Board.

Note: PLM schedules every 3 to 4 weeks for pre/post surveys and applications and performs services only based on approval and set management programs. Continually monitoring Budd Lake will allow for the most effective management program.

<u>Unit Costs Per Acre</u>	<u>Rate</u>	<u>Target Species</u>
Systemic Herbicides:		
Renovate OTF:	\$1,150.00 @200lbs/acre	EWM
Sculpin G:	\$800.00 @200lbs/acre	EWM
Renovate 3:	\$350.00 @3gals/acre	EWM
ProcellaCOR:	\$100.00 per PDU	EWM
Contact Herbicides:		
Diquat:	\$170.00 @1gal/acre	EWM/CLP
Aquathol K:	\$175.00 @1gal/acre	CLP/Nuisance Natives
Flumioxazin:	\$325.00 @200ppb	EWM/CLP/Nuisance Natives/SSW
Other Services:		
Algaecides (per acre):	\$50.00 (filamentous or planktonic)	

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Chelated Copper:	\$135.00 (filamentous or planktonic)
SeClear G (per acre):	\$160.00 @20lbs/acre SSW/Algae
AVAS Survey (up to 2/year):	\$575.00/survey
Mid-Summer Surveys:	No Charge
Water Quality Program:	\$675.00/sampling location (lake)
Mechanical Harvesting:	\$350/hour (\$3,500.00 minimum) (dump & offloading sites and usable launch sites required)
EGL Permit:	\$1,000.00

Estimated Budget for 2026: All budgets are comprised using the unit costs per acre listed above. It is difficult to predict how quickly EWM and SSW will appear within Budd Lake. Therefore, the below budget has a minimum and maximum amount to work with. It is likely that the actual amount used will fall in between these amounts. This is a similar budget to previous management years on Budd Lake.

Water Quality Program for Aeration Permit:

Water Quality sampling:	\$350/ sample (2 locations needed), 3 samplings
Chlorophyll A/Algal Comp:	\$350.00/sample (2 locations needed), 3 samplings
Muck Sampling:	\$300/sample

Estimated Water Quality Cost:

Sampling:	\$2,100.00
Chlorophyll A/Algal Composition:	\$2,100.00
<u>Muck Samples:</u>	<u>\$ 300.00</u>
Total:	\$4,500.00

	Minimum	Expected	Maximum
Permit:	\$ 875.00	\$ 875.00	\$ 875.00
Algae Control:	\$ 2,500.00	\$ 3,250.00	\$ 4,000.00
Weed Control (Exotics):	\$15,000.00	\$18,500.00	\$21,500.00
<u>Weed Control (Natives):</u>	<u>\$13,000.00</u>	<u>\$15,000.00</u>	<u>\$16,000.00</u>
Subtotal:	\$31,300.00	\$37,550.00	\$42,300.00
Aeration Program:			
Maintenance:	\$ 250.00	\$ 250.00	\$ 250.00
Electricity:	\$ 500.00	\$ 500.00	\$ 500.00
Muck Control:	\$ 11,500.00	\$11,500.00	\$11,500.00
WQ program:	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00
Subtotal:	\$16,750.00	\$16,750.00	\$16,750.00
Management Services:			
WQ Program:	\$ 630.00	\$ 630.00	\$ 630.00 (optional)
<u>AVAS Surveys (2/year):</u>	<u>\$ 555.00</u>	<u>\$ 555.00</u>	<u>\$ 555.00 (optional)</u>
Subtotal:	\$ 1,185.00	\$ 1,185.00	\$ 1,185.00
Total:	\$49,235.00	\$55,485.00	\$60,235.00

Note: The above budget is an estimate based on potential growth of EWM, wild celery, algae and potential native plants. Management will only be executed upon approval from the board. As you can see above a variety of services have been included within the budget for the benefit of Budd Lake and its property owners

For further clarification or modifications please contact.



Casey Shoaff, Environmental Biologist
North Regional Manager
PLM Lake & Land Management Corp