

PLM Lake & Land Management Corp.

P.O. BOX 424 Evart, MI 49631 800-382-4434 ext. 2200 (o) 231-372-5900(f) www.plmcorp.net

On-Site Lake Evaluation Record

Lake Name: Six Mile Lake		County: Antrim/Charlevoix			
Evaluated by: Dusty Grabill Reviewed by: Bre		rabill	Date: 22 July 2014		
Purpose of evaluation: Mid	Season Survey				
Evaluations Perform	ed				
Aquatic Vegetation Evaluate X Aquatic vegetation Aquatic vegetation Vegetation evaluation met X Visual evaluation X Sample collection v Sonar profiling x GPS-mapped sample	survey brief check hods vith rake	On- Wate GPS data Dept Shore Refer	rality sampling site (Temperature, DO, Secchi disk) cer samples collected for analysis collection th survey rence point location		
□ very good (no imm x fair (manage □ poor (manage	Lake plems or developing problediate action required) ement required soon) ement needed as soon as ement action past due—III	possible)	oonse required)		
Problems Noted X Growth of exotic plant x Eurasian watermic curlyleaf pondwict x otherVariable	ilfoil eed	ap)			
Excessive filamentorPoor water clarity	Excessive filamentous algae growth (mark location on map) Poor water clarity				



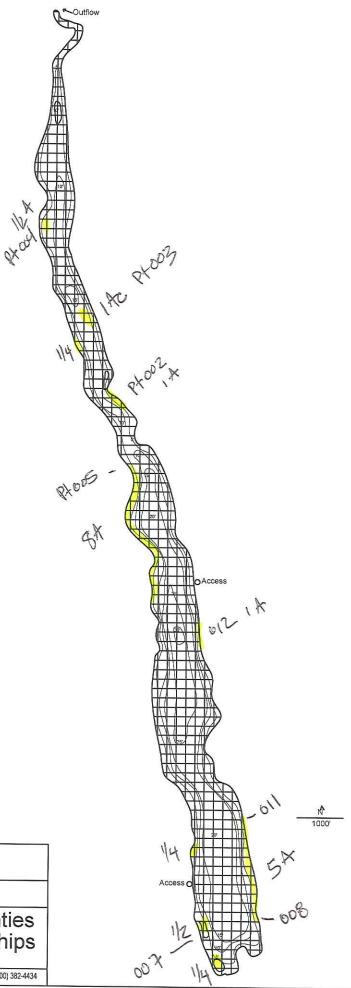
PLM Lake & Land Management Corp. Northern Division

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RECOMMENDATIONS

>	(Herbicide application (mark locations on map) Need for herbicide treatments is: \square urgent, \times serious, \square moderate, \square slight	
		Need for herbicide dreatments is. □ digent, x serious, □ moderate, □ stignt	
		Algaecide application (mark locations on map) Need for algae treatments is: □ urgent, □ serious, □ moderate, □ slight	
NOTES			
Euras below	aan V pr	Lake was surveyed on 22 July 2014. Numerous native plants were found during the survey. Milfoil- both watermilfoil and Variable leaf milfoil, were found growing in Six Mile Lake. The infestation level is much evious years and the success of the 2013 season is still being seen with the very slow resurgence of the 1 the lake.	
The E specie specie	es p	M is the target of the management program. A majority of the proposed treatment beds have both milfoil present and as VLM can be extremely aggressive, this treatment will allow control over both of these	
rate w	vill sho	e a handful of .25 to 1 acre patches of milfoil proposed for treatment at 200lbs/acre. The higher application ensure a thorough kill and take into account flow and water disturbance. A few larger beds (narrow strips oreline areas) are proposed for control using a rate of 160lbs/acre. The total proposed treatment area is res.	
Renov	vate	e OTF @ 160lbs/acre (\$575/acre) x 13 acres = \$7475.00 e OTF @ 200lbs/acre (\$718.75/acre) x 4.75 acres = \$3414.06 d treatment cost: \$10,889.06	
I propose the applicator to be prepared to treat a few additional acres of milfoil is required ~\$1150.00 if needed.			
Total expenses to date: including previous treatment and permit: \$7,524.73 Additional expenses for season not invoiced for yet: WQ Program \$600.00, AVAS Survey \$1,000.00 Total combined cost for 2014 thus far, with proposed treatment and known additional expenses for season: \$21,163.79			
ESUIII	ate	d budget for 2014 season: \$45,000.00	
I've p	enc	iled in this treatment for Monday July 28, 2014.	
Please	e cc	entact me with questions or concerns.	
North PLM	ern Lak	Grabill, Environmental Scientist Lakes Manager te & Land Management Corp. North mcorp.net	

7-22-14



Six Mile Lake

407 Acres

Antrim/Charlevoix Counties Echo/South Arm Townships Sec: 5,6,8;19,30,31 Professional Lake Management, P.O. Box 132, Caledonia, MI 49316 Phone (800) 382-4434