



October 29, 2014

South Arm Township  
 Attn: Bob Christiansen, Supervisor  
 PO Box 304  
 East Jordan, MI 49727

Thank you for working with PLM this past summer on Six Mile Lake. The following proposal is to highlight the services for the 2015 season as part of our multiple year agreement.

**Management program goals for 2015:** Aggressively controlling exotic and invasive species throughout Six Mile Lake utilizing systemic herbicides when appropriate. Treating for algae growth in residential areas only if required while promoting native plant growth lake wide. Management will also include performing surveys (AVAS Surveys when required), pre/post treatment surveys, water quality analysis (optional). Please note that board members can accompany PLM in the field for surveys if pre-arranged.

**Products to be applied:** Restrictive products such as 2,4-D, Diquat, Triclopyr, Aquathol K, Hydrothol 191 and nonrestrictive products such as copper sulfate, chelated copper products, shade and any new products approved for use through the MDEQ.

**Proposed Timeline**

December 2014: PLM applies for DEQ Permit

Spring 2015: PLM notifies all residents via mailing of proposed treatment schedule. Addresses supplied by township assessor.

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, Water Quality optional

Fall 2015: Year End Review of program

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.

Unit Costs Per Acre

Systemic Herbicides:	Cost:	Application Rate:
Renovate OTF:	\$453.00	@120lbs/acre
Renovate OTF:	\$592.00	@160lbs/acre
Sculpin G (2,4-D amine)	\$329.00	@120lbs/acre
<b>Contact Herbicides:</b>		
Diquat:	\$195.00	@1gal/acre
Diquat:	\$250.00	@2gals/acre
Aquathol K:	\$195.00	@1gal/acre
Endothals:	\$300.00	@2+gals/acre
Clipper:	\$800.00	@200ppb
<b>Other Services:</b>		
Nautique (wild celery)	\$390.00	@7-9gals/acre
Algaecides (per acre)	\$40.00	@5-6lbs/acre + chelated copper
AVAS Survey (annual):	\$1030.00	Optional
Mid-Summer Surveys:	No Charge	
Water Quality Program:	\$615.00	Optional
Mechanical Harvesting	\$230/hour	(\$4,000.00 minimum)
DEQ Permit:	\$800.00 - \$1500.00	