



October 29, 2014

Echo Township  
 Attn: Bill Derenzy, Supervisor  
 2021 Finkton Road  
 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**

| <b>Systemic Herbicides:</b> | <b>Cost:</b>         | <b>Application Rate:</b>       |
|-----------------------------|----------------------|--------------------------------|
| 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)       | \$41.00              | @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 |                                |