

ONEKAMA TOWNSHIP

Invasive Species Committee Report

January 3rd, 2012

The committee met December 7th 2011 to reviewed the applicator contract, the proposal for hybrid milfoil deep water treatment and the Management Report for 2011. Some of the issues discussed were:

Applicator Contract with Clarke:

- 1- Are there any other applicators in Michigan that use this method of application? We realize Clarke is part of the MDEQ proposal, but would like to clarify.
- 2- Clarke will apply for the evaluation permit and PLM will also apply for a treatment permit that will also include phragmites, purple loosestrife, and others?
- 3- Final sentence: As time is of the essence, any costs incurred for non-performance over the contractual amount shall be the responsibility of the signed contractors.
- 4- Where will he go to get his equipment "steam-washed" immediately prior to entering the lake?
- 5- No mention of treatment in the areas of shallow wells
- 6- Certificate of coverage due to LEI by March 12th 2012 and also to the Onekama Township board.
- 7- Applicator is required to send out notices of treatment to all riparians and do the restriction postings prior to treatment as required by the MDEQ.
- 8- Follow up testing will be done to verify when restrictions can be lifted.

2011 Management Report

Meeting will be scheduled in January with the lake manager to review the 2011 report:

- 1- no secchi disk data
- 2- tributary map not included - report cannot stand alone without inclusion of maps etc
- 3- possible improvements to the water monitoring graphs:
 - include 2011 data so have all 3 years
 - Aug. 29 2010 data is not on the graphs
- 4- would like graphs to have specific points and not means
- 5- more phragmites treatment info such as chemical used etc. Use Wildland and Wetlands Solutions report to do this.
- 6- what chemicals were used in treatments each year - # of lbs/acre, total amt used each year, total for the 3 years
- 7- AVAS survey - explain points on avas survey & location of points from the avas survey data on a map.
- 8- macrophyte graph - what are these %?, relative amounts? DEQ format, did data for these graphs come from avas data
- 9- plankton spp found? and relative abundance by spp...?
- 10- overall the report was too brief. We're looking for discussion of the reports for these 3 years and to compare to past data.

DEQ evaluation proposal

- 1- Portage Lake is in the Portage Lake watershed - plan was state certified in 2008.
- 2- AVAS survey was first done in 2008 - **copy attached.**
- 3- avas data sent twice for spring 2010
- 4- map with avas point locations May 2009 - points are not readable
- 5- Lisa Huberty of the MDEW is requesting additions to the dosing (using a per acre foot dosing) Permit will need to be re-submitted with this version.

December 14th, Lakeshore Environmental Winter Newsletter - attached

December 28th, Applied Limnology Management Blog -

<http://appliedlakemanagementtoday.blogspot.com/>

Submitted by:
Mary Reed, Chair