



INVASIVE SPECIES COMMITTEE (ISC) REPORT
Onekama Township/ Portage Lake Watershed Committee

August 3, 2016

Invasive Species Updates: We have treated the lake for Eurasian watermilfoil twice this year and expect to treat one more time as the survey findings indicate.

June slfjl: ? acres treated in the canal with

August 2: The AVAS survey that was conducted on July 27 found far less EWM than normal for this time of year. In general there were fewer plants and a decrease in clarity compared to some years. There are likely many causes of this. The warmer weather is causing more algae than normal, which will decrease clarity in the water column. The hot temperatures can cause some species to crash out if they reach maturity too soon/quickly or other plants are out competing them. The previous EWM treatments have been successful and we are holding systemic control in those areas. As you know, we attack the root system to hold control and that can be for a season or multiple seasons, even better. It is important that we continue to monitor the lake for new growth and for growth in previous areas that is resurging. Root crowns can lay dormant for years as well. We will continue the research to test samples of hybrids for effectiveness against various samples and concentration.

We did a small treatment August 2, 2016. Only a few areas were treated and those areas were posted and restricted. A majority of the lake did not have any restrictions. The marina at the Point Inn and the Marina on the SE side were the biggest treatment areas.

Treatment recommendations:

Based on location and depth, the following products and rates are recommended.

EWM using 2,4d at 240lbs/acre .25 acres x \$640.00/acre = \$160.00
EWM using 2,4d at 200lbs/acre 4.75 acres x \$533.33/acre = \$2,533.32
EWM using Ren OTF at 240lbs/acre 3.5 acres x \$890.00/acre = \$3115.00
EWM using Ren OTF at 200lbs/acre 8 acres x \$741.66/acre = \$5,933.28
EWM using Ren 3 at 4gals/acre 2 acres x \$360/acre = \$720.00

Estimated Total: 18.5 acres = \$12,461.60

If my technicians find any additional growth requiring treatment, the total may adjust slightly.

We will be surveying the lake again in August and additional treatment may be required if additional growth is found.

Again, I have the treatment on for Tuesday next week. I've attached the treatment maps and a posting sign for treatment.

Please let me know if you have any questions regarding the treatment and plan for next week.

Japanese Knotweed – Treatment of Japanese Knotweed to be done August 8 and 9 on Industrial Drive coming into Manistee. This is a very large patch that has grown significantly in the last 8 years. It has spread from a small patch and has outcompeted most of the phragmites that was growing in this area. The Northwest Invasive Species Network has a grant to do this treatment. We treated a large patch in 2009 behind the Township offices and were very successful. Example of a early detection, rapid response..... Will continue to report any sightings to MISIN.

<http://habitatmatters.org>

Submitted by, Mary Reed, Chair
(ISC: Herb Lenon, Ted Lawrence, Jim Simons, Chuck Reed)