



INVASIVE SPECIES COMMITTEE (ISC) REPORT

Onekama Township/ Portage Lake Watershed Committee

September 5, 2017

Invasive Species Control:

The results of the survey the first week of August found a diversity of native plants throughout the lake. EWM was scattered throughout the lake and was approximately 3 times more than we treated in 2016 (22 acres). It was recommended that we treat the 64 acres of EWM that were found in the late July survey using 3 different products at varying strengths according to the Lake Manager's recommendations. The cost of product for this year's treatment of ewm is estimated at this time to be \$45,603. PLM Management fees 14,706, Wetlands and Wildlife 4750?, misc 295 = 63,390 (approximate total for 2017)

The ISC committee met on August 15th (agenda attached)

1. Compared maps of ewm for 2017 to last year and to 2009. Data will be put in graph format.
2. Reviewed costs of products and found they have had only minor increases
3. Reviewed Phragmites treatment options
4. Discussed Township Invasive species March 2017 auditors report - SAD current total needs to be clarified by the October meeting to determine the amount to collect in 2018 for the 2017 expenses.
5. Foam on lake, narrow leaf cattails,

Phragmites:

We continue to have reports of small areas of Phragmites and purple loosestrife(PL). Will discuss with Wetlands and Wildlife the treatment options for this year. Stream #7 has Phragmites. If we

continue our usual survey and treatment, we will need to send a letter and hold a public hearing in September.

Narrow Leaf Cattails

The committee continues to do research on the possibility of doing small areas of treatment to improve the view. NWISN has connected us with _____ from LLOYLA University who has the most complete management plan for narrow leaf hybrid cattails. (attached) Quote Herb Lenon.

Japanese Barberry -

You can get paid to remove (gift certificate). NWISN has partnered with MCD and other to organize this project. It shows the significance of educating the community on the importance of removing this invasive MISN has a great tutorial and a test to help with identification...

Swimmer's Itch data:

We have received the final reports from Thomas Raffel, PhD, Oakland University. His report for the 3 years of study of SI on 18 Lakes and a report with all the data from 2016 for Portage Lake. Ted Lawrence will do a summary of these reports. All data from Oakland study. Specific data from our lake. What's been happening this year around the state as discussed in the Higgins lake newsletter. An all day SI conference will be held September 18 at the Hagerty Center in Traverse City.

Foam on lake:

The committee has received concerns about the foam on the lake this year. A picture of foam on Portage Lake was recieved August 3rd. Called District 10 on August 3rd. DEQ foam report bulletin is attached. PLWF will do an article in the PLA Newsletter.

Risks of Coal-tar based sealcoats.

Statewide bans in Minnesota, Washington, and District of Columbia. Dozens of municipalities throughout the US. In 2015, Van Buren Township became the first to pass a comprehensive PAH ban in Michigan. See Huron River Watershed Council flyer...

Great Forests Make Great Lakes

MFA and MI Tree Farm annual meeting in East Tawas on September 22 and 23. Plan to attend...**Great Forests Make Great Lakes, Forests Unlimited: Fish Need Forests. Josh Shields to present.**

Manistee Watershed Partners - Meeting on September 18. Agenda items???

Submitted by,

Mary Reed, Chair

(ISC: Herb Lenon, Ted Lawrence, Jim Simons, Chuck Reed)