



ONEKAMA TOWNSHIP INVASIVE SPECIES COMMITTEE (ISC) REPORT

May 6th, 2013

COMMITTEE MEETING WITH LAKE MANAGER: The ISC met with our lake manager Bre Grabill on April 24th from 10 to 1PM.

Present: Herb Lenon, Jim Simon, Dan Behring, Mary Reed, Chuck Reed, Bre Grabill

- 1. Shoreline, streams and storm drain sites to be monitored 2013:** Locations were marked on maps and consensus was obtained for monitoring new sites at the east end of the lake. These will be compared to the data from the Snell Report of 1993.
- 2. Spring Newsletter:** Articles of interest were discussed and will be included. A review of the past 4 years and the plans for this year will be included. It will have a tentative schedule of the treatment and monitoring dates.
- 3. Treatment plan for this year:** With the state of the art technology for surveying that will be used this year and the increased number of surveys that will be done throughout the summer, we will have a more accurate picture of what is going on in our lake this year. We will continue with the same applicator for phragmites as this is now a spot treatment application. She is working with others in the area on **autumn olive treatments.**
4. Herb Lenon's state of the lake report....still in progress.
5. Future financing options

ciBioBase EQUIPMENT AND PROGRAM: The ISC is working with the unit that the PLWF purchased and is evaluating its capabilities.. It was received at the Reeds on April 8th and Chuck has spent several hours/days working on it to be sure we can utilize all of its features. This is his summary of the "unit" and the system.....

Your Invasive Species Committee, with a donation from the Portage Watershed Forever, increased its arsenal of weapons in our battle against Eurasian Water Milfoil and other subsurface invasives, with the addition of a Lowrance sonar and side imaging structure scanning depth finder, and an annual contract with a bio-base technology company for compiling gathered data into usable form.

While a relative new technology, this equipment has the ability to scan and record underwater weed infestations and through integral GPS mapping, identify their exact location and relative size. The equipment is portable and can be switched to any platform.

Our Lake manager and application team has similar equipment with which we can now share and compare data sets. The data will then be updated and compiled into a precise current area map of underwater invasive weed colonies. These maps will not only serve as treatment maps, but will become a permanent record to confirm effectiveness of areas treated, growth statistics, identify new areas of infestation for future treatment, and maintain a year on year effectiveness profile of EWM treatment.

MICHIGAN LAKES AND STREAMS ANNUAL MEETING Bay city May 5 and 6th. Highlights:

Status of Michigan's Magnificent Fisheries, Cliff Bloom leading attorney in Michigan on Lake Issues, Annual Michigan Riparian Law Review...road ends, low water, deed issues, "threw the skunk into the room and left, Cooperative Approaches to Lake Issues Catherine Mulhaupt info on working with Townships and handout, Hydraulic Fracking, dam removal, dredging, muck removal, aeration of lakes, new invasives, networking

NORTHWEST MICHIGAN INVASIVE SPECIES NETWORK: - Article in the Manistee Advocate paper concerning garlic mustard. They are trying to identify and map other targeted invasives and will determine best treatment plans for each. I attended an all day meeting in Traverse on April 11th and will continue to stay connected with this group. They have a great new brochure on invasives and are working with the landscapers for them to commit to not selling certain plants!

Tentative Treatment Schedule for Portage Lake 2013:

The proposed scheduling dates are for the **week of** the dates listed and may be changed due to weather, holidays, permit requirements or other unforeseen circumstances. Please watch your shoreline for posting signs that state actual treatment dates.

April /May: Water Quality Testing

June 3: Lake Survey, Water Quality testing

June 10: Weed Treatment

July 1: Lake Survey

July 8: Weed Treatment, Water Quality testing

August 5: Survey, Water Quality testing

August 12: Weed Treatment

August 26: Lake Survey, Water Quality

September - phragmites and purple loosestrife treatment