



Lake Michigan Beach Pierport

Onekama Township Invasive Species Committee Report
October 2nd, 2012

PHRAGMITES TREATMENT:

September 16th Wetlands and Wildlife Solutions treated the entire shoreline of Portage Lake except for the east end. On **September 26th** they treated the east end, roadside sites in the township and the Lake Michigan Shoreline south of Pierport. Four teams walked 12 miles around the lake and treated all the phragmites that were identified.

JAPANESE KNOTWEED:

Two areas of Japanese knotweed were treated this year. Township property and property near the Portage Lake Bible Camp. (Map of all treatment areas will follow from Wetlands and Wildlife)

PURPLE LOOSESTRIFE:

Some stands that were found were treated with this year's phragmites treatment. Two large patches were found in the east end of the lake with the cattails and phragmites. We were not able to treat with beetles this year and we will probably have a large seed bank. (Each plant can produce up to 3 million seeds) We plan to treat with beetles in early June of 2013. These have been very successful in other areas of the state and they are the treatment of choice of the MDEQ.

Eurasian Watermilfoil TREATMENT(EWM) :

The lake was treated for ewm on July 9th and July 24th. Surveys were conducted before and after each treatments.

July 9th treatment:

total treated 65 acres total cost= 31,900

July 24th Treatment:

total treated 80 acres total cost = 32,255

TOTAL 145 ACRES TOTAL COST 64,155

Total cost of treatment invasive species is expected to be near 90,000 for 2012. The assessment for year #4 (2012 winter taxes) for invasive species is 58,840. There are sufficient reserves to cover costs for 2012 treatments (149,106 per attached summary)

Mary Reed Chair, Invasive Species Committee

