



Lake Michigan Beach Pierport

Township Invasive Species Committee Report **August 2nd, 2010**

1. Timeline for invasive species surveys, lake sampling and treatments for 2010:

- March 26 - Initial storm drain sampling event. Additional data may be collected in late summer/early fall.
- May 7th - initial deep basin water quality sampling
- May 26 - Initial weed/EWM and phragmite survey
- June 10 - tributary sampling (and repeat sampling of some storm drains)
- June 17th - Committee meeting with LEI representative Mike Solomon, Wexford Drain Commissioner
- June 29 - Initial EWM treatment by Professional Lake Management
- July 15 - E. coli samples collected at Red Park and at Tributaries. All below 30 CFU:s per 100
- August 2nd and 9th - Phragmites Public Hearing notice in the newspaper
- August 2nd - letter to lakefront owners mailed
- August 13 - Tentative total phosphorus and Cladophora sampling around the lake, storm drain reassessment, water quality sampling of deep basins. Also Post-EWM treatment survey.
- August 14th - Tentative date for second tributary sampling.
- August 17th - Phragmites public hearing
- August 15 to September 30th - phragmites treatment

2. The final copy of the Portage Lake Improvement Management Study 2009 is still "at the printer". Jennifer assured me on July 27th, that 4 or 5 copies would be delivered to us the week of August 2nd.. The report from the March and June storm drain sample collections will be included as an addendum to this report.

4. Jennifer did check with Eric Bacon of the DNRE and we cannot get an addendum to our current permit for the Pierport phragmites treatment. It has been recommended that the landowners apply for the permit in their name and we will assist them with the treatment and costs. I am working on this with Jennifer. The area has been mapped out and we believe that there are 4 property owners involved. The area is over an acre so the permit cost will be \$200. We may also need a general permit for \$75.

5. The DNRE has not yet chosen an applicator for the phragmites. They are having a pre bidding call on 8/4/10 and the bids are due by 8/11. They will immediately turn the bids around and we should find out who the applicator is soon after 8/11. Brian Piccolo has requested that we move up our public hearing date to 8/17/10 so scheduling can be done immediately.

6. Since we have not had a resurvey of the lake for the ewm, we cannot estimate how much expense we will have for additional treatments. Since the treasurer does not need this information for the assessment until October, we will wait until after this year's treatments have been completed to submit to you a new estimated budget and data to support it. The bill for the first ewm treatment was \$7,980.

