

Round Lake Survey follow up 9-21-2013

9-12-13

Tom Connell/Kristy Maki (AIS Coord)

Leder & Schoolhouse Bay:

A visual survey was conducted of Leder Bay, Schoolhouse Bay on 9-12-13. The weather has been up and down with wind and clouds recently. Weather was partly cloudy and moderate wind +/- 5mph. There was very little EWM seen, rake samples showed dead EWM and live Pondweed plants (good) in both bays. The eastern 15' deep edge of the deep treatment area south of the island had a "fringe" of EWM growing. The treated deep area only showed dead EWM. It is thought that this area was not apparent or growing at the time of the treatment and was just outside the treatment area. The existing deep EWM zone there should just be expanded slightly to include that area. The remaining spot treatment areas around the lake were not looked at due to increasing wind conditions. Overall, there were great results in the two areas looked at today.

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Spot treatments around perimeter:

I had to wait for a good weather day. It was mostly sunny winds 5mph NNW. The remaining spot treatments around the perimeter of the lake were surveyed. All looked very good. Some areas including BI Bay showed Native Milfoil growing in place where the EWM had been eliminated and that is good. This may occur because the EWM had prevented the Native Milfoil from sprouting and it wasn't affected by the herbicide. All spots treatment areas showed good success. Some had no EWM and others had small spots which were again spot treated.

My recommendation is to survey all these areas again in spring. There may be some EWM that has grown later near these areas and escaped treatment. Even with the great effect we had this year it is important to carefully recheck these areas.

Lastly, there were a few areas that were not treated or previously mapped. We did not have enough product to address these. These areas were discovered while working on the lake. They should be included on future mapping for treatment. The acreage is estimated at 3-5acres.

Days on lake for treatment 7/15, 7/16, 7/18, 7/20, 8/12, 9/21. Again, the areas were selected in sync with the best weather conditions possible. Other follow up days (checking treatment results and looking for any new areas): 8/5, 8/14, 8/19, 9/12(w Kristy Maki), 9/21. About 10 days committed to work on the treatment/follow up. A few days of work were called off/rescheduled because of weather. This work included Little Round Lake (total 25 acres for both).

No new maps have been created at this time. Possibly this winter.

A note on acreage: The depth is as important as the acreage. The amount of herbicide varies as labeled according to depth (acre foot). Ten feet deep may be 2X as costly as five feet deep for 1 acre, and it takes longer to apply (labor). There used to be some standard rates per acre regardless of the depth but this is no longer so. The WIDNR/Army Corps info on these rates and cost is very outdated.