

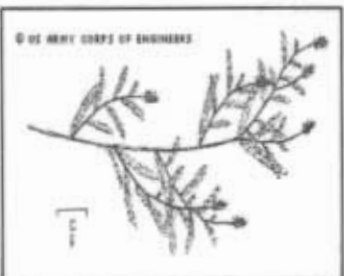
10th & 11th Crow Wing

Lake Association

"Neighbors helping neighbors
for the greater good of the lakes"
April 20, 2007
Spring Newsletter



Hello neighbors! Although it's melting rapidly this week, the ice is still on the lake as I look out my window, but I hear loons calling already, the northern pike are stacking up at the mouth of our creek ready to spawn, and yesterday we saw an eagle on the ice about 30 feet from our house ripping away on a fish snack. He looked a little scrawny. I imagine he's happier than we are to see this ice finally recede so he can start fishin' again.



CURLY LEAF PONDWEED INVASION
We are attacking back at this invasive species and we would LOVE YOUR HELP!

Volunteer for *Pondweed Round-up!* May 5th when we attempt to hand pull as many of these plants as possible around the upper basin of 11th Crow Wing Lake.

Because Curly Leaf Pondweed is the first weed to grow during season (sometimes even under the ice!) it insidiously gets a head start before any native species. We do not want this foreign invasive aquatic plant to spread to the other lakes in our chain, or to other lakes in our surrounding communities. If it continues to spread, the alternative to controlling it is by chemical treatment costing us lakeshore property owners thousands of dollars, and a possible decrease in property value, not to mention a heckuva hard time motoring through the tangled mess! Go to the Portage Lake Association website to view photos of a contaminated lake in Hubbard County and to see how they've chosen to deal with this issue; the photos are a little scary! www.peteport.com/portage

We welcome anyone from the Crow Wing Lakes chain, COLA and surrounding community to come help us! You may bring your own boat and use our resort's boat ramp for free. Or, we have canoes, kayaks, rafts and row boats to borrow. Bring metal rakes, buckets, plastic bins or even garbage bags to put the weed debris in. We will have a small trailer next to the boat ramp and be collecting your weeds to dump back in the woods for mulch. We need "spotter" volunteers in boats, people willing to dip rakes in from their boats and pull, and anyone with waders to walk around in the shallows pulling. (If you have a wetsuit, snorkel/mask to use, you will become our new favorite person!)

IN CASE OF BAD WEATHER

Because of the possibility of rain or wind (making identification impossible), we are scheduling *Pondweed Round-Up!* for 4 consecutive Saturdays in May: May 5, 12, 19 and 26. Meet at 10 a.m. at our resort. Thank you for your help!!!!

- Kim Bowen, Crow Wing Crest Lodge
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From the President's Pen . . .



Lake Association President Rich Willhaus will not be able to make it to the May 5th meeting. Here is a quick note from him for this newsletter . . .

IN THE FUTURE:

I believe our lake association should continue the lake quality testing for at least another year to obtain an accurate baseline of our water quality.

The most pressing issue is the infestation of the curly leaf pondweed, which within this newsletter describes the issue quite thoroughly. We hope to contain this infestation to the upper basin of our lake with efforts of ourselves and other COLA volunteers. In addition we might consider policing our boat ramps during busy weekends to inspect boat trailers and assist with removal of debris before launch.

Another project for our association is that of shoreline restoration. There are workshops and financial assistance to work towards this endeavor.

Consider other social outings other than the two meetings each year.

Have a fun and safe time (this season) on 10th and 11th Crow Wing Lake . . . It is a treasure! ---Rich



If you would like to be put on our e-mail and newsletter list to get our quarterly updates, contact Kim Bowen, (218) 652-3111
kimbowen@eot.com (Feel free to ask for more copies of this newsletter to spread around! ☺)



2006 Lake Quality Report

Submitted by Rich Willhaus

During 2006, our lake water was tested 5 times. A sample was taken each month from May to September at a single location, that being the deepest portion of the lake. There is a 72-foot spot on the lower basin that has been the focus of the testing. It is considered that this area is the best representation of the quality of the water in 11th Crow Wing. Each month the sample from this location was sent to a lab where phosphorous (P) and chlorophyll (Chl) are measured and from an elaborate algorithm which includes lake area, lake clarity, P, Chl; an index (TSI) is generated which can be used to compare to other lakes.

The values of the phosphorous in Hubbard county lakes are as high as 50+ and the chlorophyll values may be as high as 30+. The secchi readings, which is a visible measurement of clarity using a white disk, range from 2 to 20+ with the TSI values ranging from low 30's to the 70's. In most cases the lower numbers are better with exception of the Secchi readings where the higher numbers indicate a more clear water reading.

As the year progressed, the P and Chl measurements in 11th Crow Wing decreased and then increased and the Secchi readings increased and decreased indicating the water became more clear and then less clear.

This Secchi readings show a fair correlation to the P and Chl measurements. From my observation, the data from our lake are quite good when compared to other lakes in Hubbard county.



Date	P (ug/l)	Chl (ug/l)	Secchi (ft)	TSI average
May 15	17	9	9.0	47
June 18	6	3	15.0	36
July 17	8	1	18.0	33
Aug 20	11	6	12.0	43
Sept 16	19	6	11	46
Range of data in Hubbard County	3 - 110	1 - 88	1.5 - 27	31 - 73



Not a member? BECOME ONE, it's easy!

Mail **\$12** (annual dues -what a deal!) to Treasurer Lisa Hanson and you can VOTE at the next meeting. Plus you will know that your dues are helping to pay for this newsletter mailing, water clarity tests of your lake, and supplies to build loon nests, etc. Thanks for supporting the health of your lake!

2007 Spring Lake Association Meeting

May 5, 2007 (Saturday)

10:00 a.m.

Crow Wing Crest Lodge

(31159 County Road 23 on 11th Crow Wing Lake)

10:00 a.m. - Meeting
 10:30 a.m. - DNR Curly-Leaf Pondweed identification and logistics on *Round-up!* plan
 11:00 - 1:00 - *Pondweed Round-Up!*

MEETING AGENDA will be very brief (30 minute limit) to allow more time for Pondweed Round-Up!

- Approval of minutes from last meeting
- Treasurer's Report
- Brief fisheries report of our lakes from last years fish count if DNR member is present
- Open Forum and collection of your ideas for more in-depth discussion to be put on Fall Meeting agenda when we will have more time.

Fall Meeting scheduled Saturday, September 15 at 10:00 a.m. at Crow Wing Crest Lodge (unless you have an alternative place or would like to host? ☺) PLEASE MARK YOUR CALENDAR!

10th & 11th Crow Wing Lake Association Officers:

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