

LAKELSE WATERSHED STEWARDS SOCIETY
LAKELSE LAKE 2013 ELODEA SURVEY
SUMMARY

AREA SURVEYED

Sept 4 - East side of lake from Scully Creek to picnic site

Sept 5 - West side and north end of lake from southernmost cabin (Squirrel Point) to Gruchy's beach

Survey Crew – Bill Fudger, Kelly Kline

HOT SPOTS

Furlong Bay boat launch

Mouth of Black Creek (picnic site)

NUMERICAL RESULTS

Survey is done by tossing a grapple hook in to the water at depths between 1 and 4 metres.

A numerical value is given to the sample according to the quantity of elodea brought up with the grapple as follows:

Numerical Value	Quantity of Elodea Brought Up
0	None
1	Slight (a few strands to ¼ full)
2	Moderate (¼ to ½ full)
4	Massive (½ to full)

Area Surveyed	Number of Samples taken	Sum of Sample Readings	Average Per Sample
West side	40	6	0.15
East Side	40	28	0.70
Combined	80	34	0.425

TREND

Year of Survey	Combined Average Per Sample
2003	1.12
2006	0.86
2011	0.35
2013	0.425

CONCLUSION

Although the error could be about 0.20 in these average values, I conclude the elodea is still very low but is on the rise.

Prepared By Kelly Kline

September 14, 2013