



# LKO Water Quality Testing

Test Site	Total Coliform Reading													
	June 4 '11	June 27 '11	July 20 '11	Aug 14 '11	Sept 4 '11	May 11 '12	May 26 '12	June 10 '12	June 24 '12	July 6 '12	Aug 6 '12	Aug 21 '12	Sept 3 '12	
Drag River at Head Lake	226	136	127	307	102	87	49	36	171	76	434	17	102	240
Drag River	11	8	11	106	16	3	3	>3	13	72	28	12	144	132
Bonnieview, Birch Pt.	30	28	33	19	226	5	>3	>3	46	39	25	4	151	39
Wigamog / Silver	30	5	13	59	39	43	19	30	16	25	65	3	90	59
Marcus Beach /	33	79	19	22	8	25	11	8	39	49	22	10	65	62
Soyers Lake Entry	>3	>3	3	11	11	>3	13	>3	>3	16	5	0	5	13
Control site at	8	22	>3	13	82	11	8	8	25	19	5	4	30	22
Ingoldsby 200 ft				16	28	8	3	13	16	16	11	4	12	25
Chateau Woodland														

Test Site	E-Coli Reading													
	June 4 '11	June 27 '11	July 20 '11	Aug 14 '11	Sept 4 '11	May 11 '12	May 26 '12	June 10 '12	June 24 '12	July 6 '12	July 21 '12	Aug 6 '12	Aug 21 '12	Sept 3 '12
Drag River at Head Lake	13	16	36	69	43	16	28	22	49	11	13	49	13	25
Drag River	5	3	3	13	3	3	33	>3	8	3	>3	25	3	43
Bonnieview, Birch Pt.	8	5	22	>3	69	>3	3	>3	13	>3	8	11	11	8
Wigamog / Silver	5	8	3	5	3	>3	3	>3	3	8	3	8	11	3
Marcus Beach /	22	62	8	8	5	5	3	>3	22	11	>3	28	43	>3
Soyers Lake Entry	>3	>3	>3	>3	>3	>3	3	>3	>3	>3	>3	23	3	>3
Control site at	5	5	>3	>3	8	>3	3	>3	16	3	>3	19	3	>3
Ingoldsby 200 ft				5	13	>3	3	>3	8	3	>3	11	3	3
Chateau Woodland														

T.C. = Total Coliform Bacteria measured in parts per ml. Beach warnings at > 1000 Drinking < 10  
 E.C. = Escherichia (E-Coli) measured in parts per ml. Beach warnings at > 100 Drinking 0

Date	Secchi Disk Readings	Weather Conditions
3-Sep-12	3.80 meters	Measurements at 3 pm, air temp 30C, water temp 23.5C, very choppy, with water level very
21-Aug-12	4.50 meters	Measurements with air temp 20C, water temp 22C, overcast and windy
6-Aug-12	4.00 meters	Measurements at 8:30 am, air temp 14C, water temp 24C, day after a full day of rain and wind
21-Jul-12	4.25 meters	Measurements at 10 am, air temp 21C, water temp 27C
6-Jul-12	4.00 meters **	Measurements at 10 am, air temp 24C, water temp 26C ** Rain during the night and early in am
24-Jun-12	4.75 meters	Overcast skies, turning to rain. Air temperature 17 degrees C. Three days earlier included extreme wind and high waves. Water temp at control site 25 degrees C at one meter depth.
10-Jun-12	5.5 meters	At 11:00 a.m. sunny with air temp at 25 degrees C. Previous 2 days were cooler with rain showers. Pollen still relatively heavy on the water. Water temperature at 1 meter was 19 degrees C
26-May-12	5.5 meters	Air temp of 12 degrees C, dry period and hot, water calm at 17 degrees C
11-May-12	4.0 meters	Air temp of minus two, water calm at 18 degrees C
September 4 2011	3.8 meters	Water level dramatically down, cooler night temperatures, lots of rain, windy at sampling time
August 14 2011	4.0 meters	Extreme hot weather that is now turning cooler, a couple of storms, dropping water level