

LKO Water Quality Testing



Test Site	Total Coliform Reading														
	2013						2012								
	Oct 10 '13	Sept 14 '13	Aug 20 '13	July 23 '13	June 25 '13	June 4 '13	Sept 3 '12	Aug 21 '12	Aug 6 '12	July 21 '12	July 6 '12	June 24 '12	June 10 '12	May 26 '12	May 11 '12
Drag River at Head Lake	114	43	83												
Drag River at Grass Lake	76	141	247	226	317	110	240	102	17	434	76	171	30	49	87
Chateau Woodland	52	62	52	36	25	43	25	12	4	11	16	16	13	3	8
Willow Beach	n/a	132	94												
Wigamog - Silver Beach	255	255	76	79	36	19	39	151	4	25	39	46	<3	<3	5
Bonnieview	62	114	72	59	11	25	132	144	12	28	72	13	<3	3	3
Marcus Beach - Williams Landing Bay	43	188	69	33	19	28	59	90	3	65	25	16	30	19	43
Soyers Lake Entry @ Cty Rd. 21 Bridge	49	98	79	28	52	8	62	65	10	22	49	39	8	11	25
Control site that has 130 ft depth zone	55	177	69	188	3	3	13	5	0	5	16	<3	<3	13	<3
Ingoldsby 200 ft from bridge	30	114	43	69	13	13	22	30	4	5	19	25	8	8	11
	E-Coli Reading														
Drag River at Head Lake	3	3	<3												
Drag River at Grass Lake	>3	13	8	30	69	16	25	13	49	13	11	49	28	28	16
Chateau Woodland	<3	5	<3	<3	5	5	3	3	11	<3	3	8	<3	3	<3
Willow Beach	n/a	5	8												
Wigamog - Silver Beach	3	19	3	30	13	<3	8	11	11	8	<3	13	<3	3	<3
Bonnieview	5	3	3	16	<3	<3	43	3	25	<3	3	8	<3	33	3
Marcus Beach - Williams Landing Bay	3	8	5	11	8	<3	3	11	8	3	8	3	<3	3	<3
Soyers Lake Entry @ Cty Rd. 21 Bridge	3	8	13	<3	19	3	<3	43	28	<3	11	22	<3	3	5
Control site that has 130 ft depth zone	>3	3	<3	<3	<3	<3	<3	3	23	<3	<3	<3	<3	3	>3
Ingoldsby 200 ft from bridge	<3	5	<3	5	<3	3	<3	3	19	<3	3	16	<3	3	>3

2012 and 2013 Readings-to-Date:

Latest biological water testing of Lake Kashagawigamog by LKO's Lake Steward, Glenda Bryson. Thank you.

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
10-Oct-13	5.25 meters	3:00 pm, air 21C water temp 17C, beautiful sunny day, no wind, little wave action
14-Sep-13	4.65 meters	2:30 pm, air 14C, water 17C, beautiful sunny day, mild wind, little wave action
20-Aug-13	5.35 meters	8:30 am, air 24C, water 21C, beautiful calm morning, sunny, little wave action
23-Jul-13	3.50 meters	10:30 am, air 24C, water 25C, overcast, mild wave action
25-Jun-13	4.10 meters	11:00 am, air 28C, water 22C, hot, sunny, a bit of wind
4-Jun-13	4.00 meters	9:00 am, air 10C, water 19C, water very choppy
3-Sep-12	3.80 meters	3:00 pm, air 30C, water 23.5C, very choppy, with water level very low
21-Aug-12	4.50 meters	air 20C, water 22C, overcast and windy
6-Aug-12	4.00 meters	8:30 am, air 14C, water 24C, day after a full day of rain and wind
21-Jul-12	4.25 meters	10:00 am, air 21C, water 27C
6-Jul-12	4.00 meters **	10:00 am, air 24C, water 26C, rain during the night and early in am
24-Jun-12	4.75 meters	air 17C, water 25C, overcast skies, turning to rain. previous 3 days had extreme wind & high waves
10-Jun-12	5.50 meters	11:00 am, air 25C, water, 19C, sunny, two previous days were cooler with rain showers, pollen still relatively heavy on the water
26-May-12	5.50 meters	air 12C, water 17C, dry period & hot, water calm
11-May-12	4.00 meters	air -2C, water 18C, water calm