

Table 1 - Water chemistry results from lakes sampled in McKellar Township between June 1st and 18th, 2009.

Waterbody	Station	Alkalinity (mg/L)	Colour (TCU)	Conductivity (uS/cm)	DOC (mg/L)	Hardness (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	pH	TKN (mg/L)	TP(mg/L)*	TP (mg/L)**	TSS (mg/L)	Turbidity (NTU)
Acton		3.51	40	28.5	7.1	9	<0.004	<0.04	5.9	0.4	0.013	0.032	2	0.48
Armstrong		12.7	44	91.9	8.2	16	<0.004	<0.04	6.8	0.3	0.027	0.034	1	0.51
Blackwater		7.61	35	35	6.5	13	0.007	<0.04	6.84	0.3	0.023	0.032	4	0.58
Fresque		9.95	141	33.3	14.6	13	<0.004	<0.04	6.42	0.8	0.054	N/A	7	1.11
Grey Owl		8.78	26	45.7	5.8	14	0.004	<0.04	6.56	0.3	0.021	0.024	2	0.38
Hydes		3.9	35	20.5	6.7	6	<0.004	<0.04	6.31	0.2	0.005	0.042	2	0.27
Little Ruebottom		6.44	103	25.8	11.5	11	<0.004	<0.04	6.19	0.7	0.043	N/A	2	1
Manitouwabing	A	9.75	44	68.2	5	14	<0.004	<0.04	6.51	0.3	0.003	0.024	<1	0.84
Manitouwabing	B	9.95	29	38.8	6	13	<0.004	<0.04	6.26	0.3	0.003	N/A	<1	0.35
Manitouwabing	C	8.97	33	37.3	6.1	13	<0.004	<0.04	6.21	0.3	0.011	N/A	<1	0.46
Manitouwabing	D	9.75	27	37	6.3	13	<0.004	<0.04	6.21	0.3	0.010	0.020	2	1.03
Manitouwabing	E	11.3	44	4.4	7.4	14	<0.004	<0.04	6.18	0.4	0.013	N/A	1	0.95
Manitouwabing	F	8.19	28	42.9	6.2	14	<0.004	<0.04	6.26	0.3	0.003	0.045	1	0.61
Manson		9.36	34	33.3	7	14	0.005	<0.004	6.66	0.4	0.027	0.022	1	0.25
Mary Jane		33.7	21	88.8	5.5	36	<0.004	<0.04	6.97	0.2	0.008	N/A	2	0.49
McEwen		7.61	25	47.9	5.3	11	<0.004	<0.04	6.6	0.3	0.011	0.022	2	0.33
McKellar		8.58	30	45.6	5	13	0.005	<0.04	6.7	0.4	0.024	0.041	6	0.19
Moffatt	A	11.3	43	36.4	8.1	13	<0.004	<0.04	6.6	0.5	0.050	N/A	2	0.35
Moffatt	B	11.9	60	36.9	8.5	15	<0.004	<0.04	6.5	0.5	0.030	N/A	3	0.4
Oliver		85	17	98.3	6.1	49	<0.004	<0.04	7.03	0.3	0.003	N/A	1	0.15
Robinson		10.3	34	36.8	7.1	14	<0.004	<0.04	6.21	0.3	0.003	N/A	1	0.83
Ryan		5.85	31	34.3	6.1	11	<0.004	<0.04	6.61	0.3	0.019	0.035	2	0.61
Simolea		6.44	26	33.7	5.8	10	<0.004	<0.04	6.45	0.3	0.023	N/A	2	3
Middle River		10.9	63	35	835	13	<0.004	<0.04	6.3	0.5	0.034	N/A	3	0.63
Manitouwabing River	A	9.16	85	33.4	10.3	14	<0.004	<0.04	6.02	0.5	0.038	0.030	2	1.48
Manitouwabing River	B	9.75	79	34	10	15	0.004	<0.04	5.96	0.5	0.007	0.041	2	1.62
Manitouwabing River	C	10.9	83	35.1	9.9	16	0.004	<0.04	6.16	0.5	0.017	0.037	2	1.51

*Values are the average of duplicate sample results.

**Deep water TP results are also the average of duplicate samples.

Table 2 - Water chemistry results from August 17, 2009 sampling

Lake	Station	Nitrite (mg/L)	Nitrate (mg/L)	TKN (mg/L)	TP(mg/L)	TP (mg/L)*
Manitouwabing	A	<0.004	<0.04	0.3	0.006	<0.005
Manitouwabing	B	<0.004	<0.04	0.3	<0.005	0.025
Manitouwabing	C	<0.004	<0.04	0.4	<0.005	0.025
Manitouwabing	D	<0.004	<0.04	<0.2	<0.005	0.014
Manitouwabing	E	<0.004	<0.04	0.7	<0.005	N/A
Manitouwabing	F	<0.004	<0.04	0.5	0.006	0.008
McKellar		<0.004	0.06	0.4	0.010	0.015

*Deep water sample results.