

Hay Township Park Beach 2009

Date	Site 1	Site 2	Site 3	Site 4	Site 5	Geo Mean	Water Temp	Water Clarity	Wave Height	Wind	Sunlight	Air Temp	Rainfall 24Hrs	Rainfall 48Hrs	Rain Level	Bird Count	Notes	Geo Mean
2-Jun-09	40	110	70	40	80	59	13	Turbid	Rough	N	Overcast	12	Yes	Yes	M	0	The sixth sample was 60	59
9-Jun-09	70	70	70	30	10	40	11	Turbid	>1m	SW	Partly Cloudy	10	Yes	Yes	H	0	The sixth sample was 850	40
16-Jun-09	10	10	10	10	10	10	15	Clear	Calm	E	Overcast	21	No	No	0	0	The sixth water sample was not taken because the river did not run into the lake	10
23-Jun-09	10	10	10	10	10	10	19	Clear	Calm	NW	Clear	21	No	No	0	0	Yellow suddy water along shoreline. took sixth sample at mouth of river to sample the suddy water. The sixth sample was 10.	10
30-Jun-09	320	670	440	350	380	417		Turbid	>1m	NW	Partly Cloudy	16	Yes	Yes	H	0	The sixth sample was 920	417
2-Jul-09	10	10	40	20	20	17	17	Slightly Turbid	Ripples	W	Overcast	17	No	No	0	0	The sixth sample was 590	17
7-Jul-09	190	320	310	300	210	260		Opaque	>1m	NW	Partly Cloudy	13	Yes	Yes	H	0	The sixth sample was 560	260
9-Jul-09	10	10	10	10	10	10	21	Slightly Turbid	Ripples	SE	Overcast	20	No	Yes	H	0	The sixth sample was 10	10
14-Jul-09	130	50	250	140	160	129	20	Turbid	Rough	NW	Clear	17	Yes	No	L	0	The sixth sample was not collected because the river did not run into the lake.	129
16-Jul-09	210	160	200	170	200	187	15	Turbid	Rough	W	Clear	19	No	Yes	L	0	The sixth sample was not collected because the river did not run into the lake.	187
21-Jul-09	10	20	10	10	10	13	20	Clear	Calm	E	Partly Cloudy	20	No	No	0	0	The sixth sample was not collected because the river did not run into the lake.	13
28-Jul-09	1200	750	480	690	370	643	20	Turbid	>1m	SW	Overcast	23	No	Yes	L	0	The sixth sample was not collected because the river did not run into the lake.	643
30-Jul-09	70	110	110	30	50	66	22	Slightly Turbid	Rough	SE	Clear	20	No	No	0	0	The sixth sample was not collected because the river did not run into the lake.	66
4-Aug-09	50	50	40	50	50	48	22	Turbid	Rough	SW	Overcast	22	No	No	0	0	The sixth sample was not collected because the river did not run into the lake.	48
11-Aug-09	10	10	20	20	10	13	26	Clear	Ripples	N	Overcast	21	Yes	No	0	0	The sixth sample was not collected because the river did not run into the lake.	13
18-Aug-09	650	830	610	630	680	676	21	Turbid	>1m	W	Overcast	23	Yes	No	0	0	The sixth sample was not collected because the river did not run into the lake.	676
20-Aug-09	310	450	420	480	610	443	24	Turbid	>1m	S	Partly Cloudy	24	No	No	0	0	The sixth sample was not collected because the river did not run into the lake.	443
25-Aug-09	80	60	80	110	210	98	22	Slightly Turbid	>1m	SW	Clear	19	No	No	0	0	The sixth sample was not collected because the river did not run into the lake.	98
Total																		69

No Data Obtained

Legend

Rainfall values Determined by Environment Canada

Heavy H > 0.75 cm per hour
 Moderate M 0.26 - 0.75 cm per hour
 Light L 0.0 - 0.25 cm per hour

Water Clarity
 Clear --- 100cm
 Slightly Turbid --- 40-99cm
 Turbid --- 1-39cm
 Opaque 0cm

Wave Height
 Calm 0-5cm
 Ripples 5-29cm
 Rough 30cm-99cm
 > 1m --- > 1m

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