

Ashfield 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	10	20	30	20	20	19		Opaque	Ripples	NE	Partly Cloudy	6	No	No	55	30 birds are geese and 25 were gulls. The sixth sample was 30	20		
4-Jun-09	10	10	10	10	10	10	10	Slightly Turbid	Ripples	NW	Clear	5	No	No	0	The sixth sample was 10	10		
9-Jun-09	260	260	280	330	170	254	11	Opaque	Rough	SW	Partly Cloudy	14	Yes	H	3	2 birds are geese and 1 was a gull. The sixth sample was 370	254		
11-Jun-09	10	10	10	10	10	10	11	Clear	Calm	E	Overcast	11	No	No	0	The sixth sample was 3800	10		
16-Jun-09	10	10	10	10	10	10	10	Clear	Calm	E	Clear	11	No	No	0	The sixth sample was 160	10		
18-Jun-09	180	70	60	20	20	50	12	Clear	Ripples	N	Partly Cloudy	15	Yes	H	0	The sixth sample was 250	50		
23-Jun-09	40	10	10	20	10	11	7	Clear	Calm	S	Clear	16	Yes	H	11	Birds are gulls. 1 dead fish on shore. The sixth sample was 70.	11		
25-Jun-09	40	70	10	60	90	43	16	Clear	Calm	NW	Overcast	20	No	No	0	1 dead fish on beach. The sixth sample was 150	43		
30-Jun-09	570	800	1400	390	680	701		Opaque	Rough	NW	Partly Cloudy	15	Yes	H	50	Birds are gulls. The sixth sample was 700	701		
2-Jul-09	20	10	20	20	20	22	9	Clear	Calm	W	Overcast	14	No	Yes	0	The sixth sample was 3800	22		
7-Jul-09	150	240	510	280	220	257		Turbid	Rough	NE	Partly Cloudy	12	No	No	40	Birds are gulls. 1 dead fish on beach. The sixth sample was 4100.	257		
9-Jul-09	10	10	10	10	10	10	16	Clear	Calm	SE	Clear	13	No	No	0	The sixth sample was 220	10		
14-Jul-09	80	50	430	210	200	149	16	Turbid	Rough	NW	Clear	15	No	No	70	Birds are gulls. The sixth sample was 170	149		
16-Jul-09	90	80	120	70	240	108	14	Turbid	Rough	W	Overcast	17	No	No	0	The sixth sample was 150	108		
21-Jul-09	10	10	10	10	10	15	19	Clear	Calm	E	Clear	14	No	No	0	The sixth sample was 40	15		
23-Jul-09	30	30	40	140	90	54	22	Clear	Calm	E	Partly Cloudy	17	Yes	H	10	Birds are gulls. 2 dead fish on beach. The sixth sample was 40	54		
28-Jul-09	180	150	80	80	80	107	20	Turbid	Rough	SW	Overcast	22	No	Yes	16	Birds are gulls. The sixth sample was 200	107		
30-Jul-09	30	30	10	10	10	16	15	Slightly turbid	Calm	SE	Overcast	12	No	No	0	The sixth sample was 120	16		
4-Aug-09	400	440	380	400	140	327	19	Turbid	Rough	S	Overcast	21	No	No	0	The sixth sample was 200	327		
6-Aug-09	20	40	10	10	70	22	13	Turbid	Rough	NW	Overcast	12	No	No	0	The sixth sample was 60	22		
11-Aug-09	30	60	50	90	170	67	20	Turbid	Calm	N	Overcast	18	Yes	No	27	Birds are gulls. The sixth sample was 270.	67		
13-Aug-09	10	10	20	10	100	18	20	Clear	Calm	NW	Clear	14	No	No	18	Birds are gulls. The sixth sample was 90	18		
18-Aug-09	2500	2600	2800	2400	2700	2596	22	Turbid	Rough	W	Partly Cloudy	22	Yes	No	0	The sixth sample was 2200.	2596		
20-Aug-09	840	2000	1100	1200	1200	1216	23	Turbid	Rough	S	Overcast	22	No	No	27	The sixth sample was 1300. Birds are gulls and 1 dead fish on beach	1216		
25-Aug-09	610	880	380	940	820	691	21	Slightly Turbid	Ripples	SW	Overcast	16	No	No	50	The sixth sample was 640. Birds are gulls	691		
27-Aug-09	20	60	10	40	20	25	19	Slightly Turbid	Calm	E	Overcast	11	No	No	40	The sixth sample was not collected. Birds are gulls	25		
Total																			63

No Data Obtained

Legend

Rainfall values Determined by Environment Canada		Wave Height
Heavy	H > 0.75 cm per hour	Calm 0-5cm
Moderate	M 0.26 - 0.75 cm per hour	Ripples 5-29cm
Light	L 0.0 - 0.25 cm per hour	Rough 30cm-99cm
		>1m-->1m

