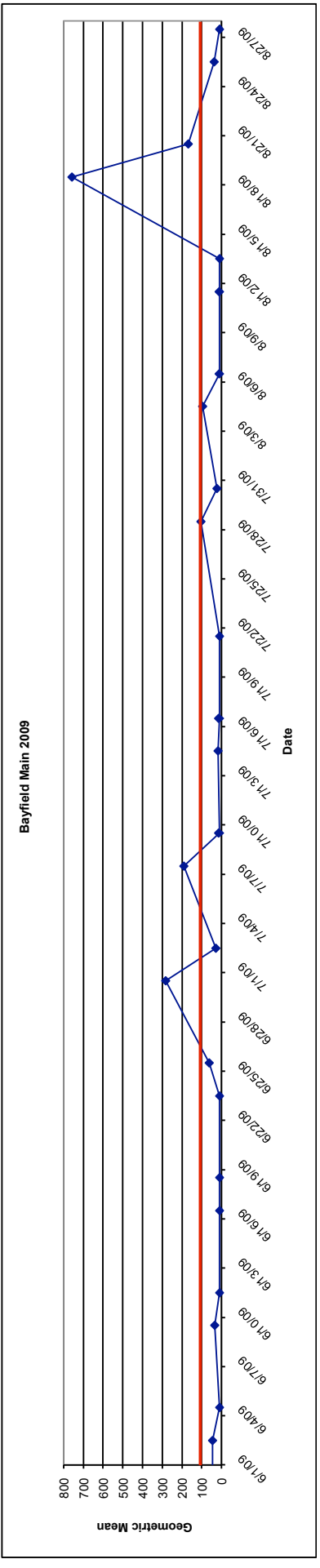


Bayfield Main 2009

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	Date	Geo Mean
2-Jun-09	40	40	50	60	40	45	12	Turbid	Ripples	NE	Overcast	11	No	No	No	0		2-Jun-09	45
4-Jun-09	10	10	10	10	10	10	11	Slightly Turbid	Ripples	NW	Clear	10	No	No	H	15	15 birds are geese in marina	4-Jun-09	10
9-Jun-09	30	20	30	50	50	34	10	Turbid	Rough	SW	Partly Cloudy	11	Yes	No	H	0		9-Jun-09	34
11-Jun-09	10	10	10	10	10	10	10	Clear	Calm	E	Partly Cloudy	15	No	No	0	2	Birds are gulls	11-Jun-09	10
16-Jun-09	10	10	10	10	10	10	14	Clear	Calm	E	Clear	20	No	No	0	0	1 dead fish found in water	16-Jun-09	10
23-Jun-09	10	10	10	10	10	10	14	Clear	Ripples	N	Partly Cloudy	16	Yes	No	H	0	2 dead fish (1 in water and 1 on shore)	23-Jun-09	10
25-Jun-09	10	60	140	70	170	63	14	Clear	Ripples	NW	Overcast	21	No	No	4	4	Birds are gulls. 1 dead fish found	25-Jun-09	63
30-Jun-09	290	330	280	250	270	283	16	Turbid	Rough	NW	Partly Cloudy	15	Yes	Yes	H	0	Birds are gulls. 1 dead fish on beach.	30-Jun-09	283
2-Jul-09	40	20	80	10	30	29	16	Slightly Turbid	Calm	W	Overcast	16	No	Yes	H	0		2-Jul-09	29
7-Jul-09	130	140	170	330	240	190	14	Turbid	> 1m	NE	Partly Cloudy	12	No	Yes	M	15	Birds are gulls	7-Jul-09	190
9-Jul-09	10	30	20	10	10	14	18	Slightly Turbid	Calm	SE	Clear	19	No	No	0	14		9-Jul-09	14
14-Jul-09	20	10	10	40	20	17	19	Turbid	Rough	NW	Clear	15	No	No	0	0		14-Jul-09	17
16-Jul-09	20	10	10	20	10	13	16	Slightly Turbid	Rough	W	Clear	19	No	No	0	0		16-Jul-09	13
21-Jul-09	10	10	10	10	10	10	20	Slightly Turbid	Ripples	E	Overcast	19	No	No	0	0		21-Jul-09	10
23-Jul-09	10	10	10	10	10	10	20	Clear	Calm	E	Partly Cloudy	18	Yes	No	L	0		23-Jul-09	10
25-Jul-09	90	60	70	120	260	103	22	Turbid	> 1m	SW	Overcast	22	No	No	15	15	Birds are gulls	25-Jul-09	103
28-Jul-09	40	10	40	40	10	23	19	Turbid	Rough	SE	Overcast	19	No	Yes	M	35	22 birds are geese and 13 were gulls	28-Jul-09	23
30-Jul-09	60	110	100	140	90	96	20	Opaque	Rough	SW	Overcast	22	No	No	22	22	Birds are gulls. Water was black in colour. Straw and algae along shore	30-Jul-09	96
4-Aug-09	10	10	10	10	10	11	21	Slightly Turbid	Calm	NW	Overcast	17	No	No	39	39	Birds are gulls	4-Aug-09	11
6-Aug-09	10	10	30	10	10	12	21	Clear	Calm	N	Partly Cloudy	19	Yes	No	0	0		6-Aug-09	12
13-Aug-09	10	10	10	10	10	10	22	Slightly Turbid	Calm	NW	Clear	22	No	No	6	6	Birds are gulls. Levels may be elevated due to sewage system bypass in the Bayfield river on Aug. 11/09	13-Aug-09	10
18-Aug-09	770	830	650	980	610	757	25	Turbid	> 1m	W	Overcast	22	Yes	No	5	5	Birds are gulls	18-Aug-09	757
20-Aug-09	190	90	160	300	160	167	24	Turbid	> 1m	S	Overcast	23	No	No	12	12	Birds are gulls	20-Aug-09	167
25-Aug-09	20	40	20	80	50	36	22	Turbid	> 1m	SW	Clear	18	No	No	19	19	Birds are gulls	25-Aug-09	36
27-Aug-09	10	10	10	10	10	10	22	Slightly Turbid	Calm	E	Overcast	17	No	No	8	8	Birds are gulls	27-Aug-09	10
Total																			29

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



Bayfield South 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	Date	Geo Mean
2-Jun-09	10	50	10	30	24	13	Turbid	Rough	NE	Overcast	11	No	No	No	0			2-Jun-09	24
9-Jun-09	140	70	130	140	290	139	Turbid	Rough	SW	Partly Cloudy	9	Yes	No	No	0			9-Jun-09	139
11-Jun-09	10	10	10	10	10	10	Clear	Calm	E	Partly Cloudy	15	No	No	No	4		Birds are gulls	11-Jun-09	10
16-Jun-09	10	10	10	10	10	14	Clear	Calm	E	Clear	20	No	No	No	0			16-Jun-09	10
22-Jun-09	10	10	10	10	10	15	Clear	Calm	W	Clear	21	No	No	No	0			22-Jun-09	10
30-Jun-09	220	250	180	230	230	221	Turbid	Rough	NW	Partly Cloudy	15	Yes	Yes	H	0			30-Jun-09	221
2-Jul-09	10	40	40	30	20	25	Slightly Turbid	Calm	W	Overcast	16	No	Yes	H	0			2-Jul-09	25
7-Jul-09	300	280	220	200	240	245	Turbid	>1m	NE	Partly Cloudy	12	No	Yes	M	0			7-Jul-09	245
9-Jul-09	10	20	10	10	30	14	Slightly Turbid	Calm	SE	Clear	19	No	No	No	0			9-Jul-09	14
14-Jul-09	80	120	80	70	70	82	Turbid	Rough	NW	Clear	15	No	No	No	5		Birds are gulls	14-Jul-09	82
21-Jul-09	10	10	10	10	10	20	Slightly Turbid	Ripples	E	Overcast	20	No	No	No	0			21-Jul-09	10
28-Jul-09	190	150	170	160	250	181	Turbid	>1m	SW	Partly Cloudy	22	No	No	No	0			28-Jul-09	181
30-Jul-09	20	10	30	20	10	16	Slightly Turbid	Rough	SE	Overcast	19	No	Yes	M	0		1 dead fish found on beach	30-Jul-09	16
4-Aug-09	120	210	160	100	1100	213	Turbid	Rough	SW	Overcast	22	No	No	No	0			4-Aug-09	213
6-Aug-09	10	10	10	10	10	22	Slightly Turbid	Calm	NW	Overcast	17	No	No	No	0			6-Aug-09	10
11-Aug-09	430	220	280	170	400	283	Slightly Turbid	Calm	N	Partly Cloudy	20	Yes	No	No	0			11-Aug-09	283
13-Aug-09	10	10	10	20	10	11	Clear	Calm	NW	Clear	22	No	No	No	0		Sewage system bypass may elevate levels of the Bayfield river on Aug 11/09	13-Aug-09	11
18-Aug-09	800	780	650	900	850	791	Turbid	>1m	W	Overcast	22	Yes	No	No	0			18-Aug-09	791
20-Aug-09	170	60	80	90	120	98	Turbid	>1m	S	Ripples	23	No	No	No	0			20-Aug-09	98
25-Aug-09	40	30	30	50	50	39	Turbid	>1m	SW	Clear	18	No	No	No	0			25-Aug-09	39
Total																			
47																			

No Data Obtained

Rainfall values Determined by Environment Canada		Water Clarity		Wave Height	
Heavy	H > 0.75 cm per hour	Clear---	100cm	Calm 0-5cm	
Moderate	M 0.26 - 0.75 cm per hour	Slightly Turbid ----	40-99cm	Ripples 5-29cm	
Light	L 0.0 - 0.25 cm per hour	Turbid---	1-39cm	Rough 30cm-99cm	
		Opaque 0cm		>1m-->1m	

