

APPENDIX 20: FRESHWATER – SOLUBLE ZINC

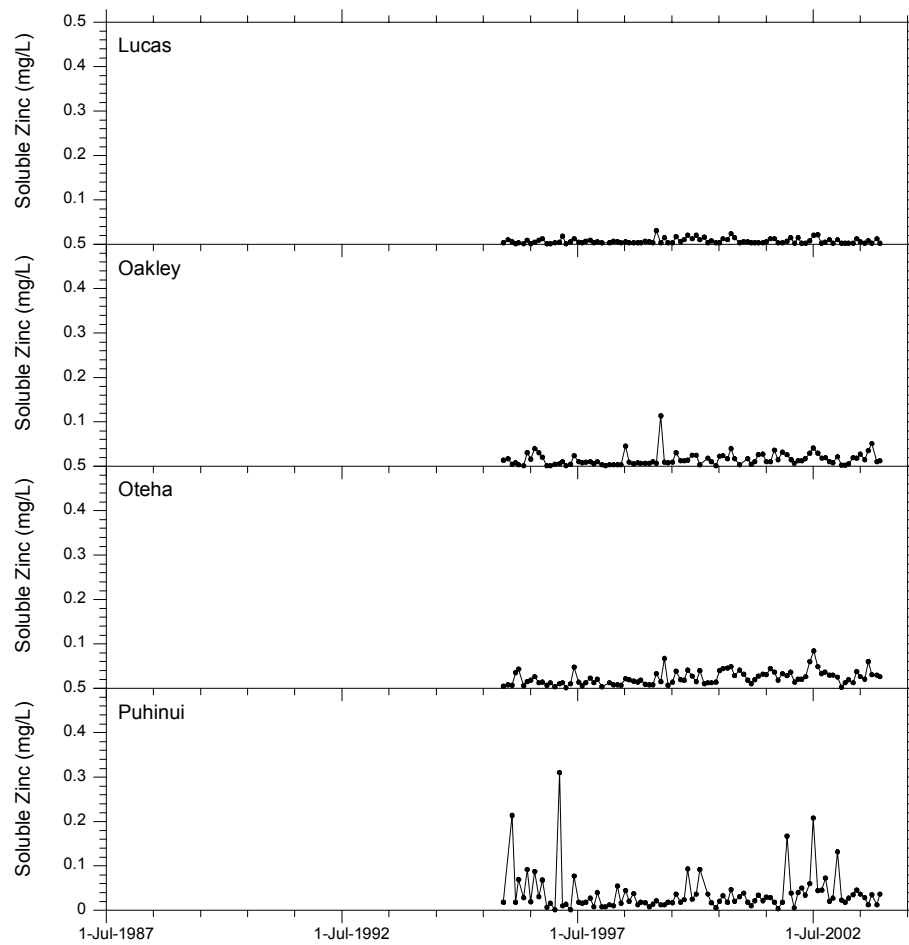
(Note that $\text{g/m}^3 = \text{g m}^{-3} = \text{mg/L}$)

Soluble zinc (mg/L) for the period January 2003 to December 2003				
Date	Lucas	Oakley	Oteha	Puhinui
7-Jan-03	0.011	0.022	0.025	0.132
4-Feb-03	<0.005	<0.005	<0.005	0.023
4-Mar-03	<0.005	<0.005	0.013	0.019
1-Apr-03	<0.005	0.006	0.020	0.028
6-May-03	<0.005	0.020	0.012	0.035
4-Jun-03	0.013	0.019	0.038	0.046
1-Jul-03	0.006	0.027	0.026	0.037
7-Aug-03	<0.005	0.015	0.021	0.029
2-Sep-03	0.008	0.035	0.060	0.012
30-Sep-03	<0.005	0.052	0.031	0.035
4-Nov-03	0.013	0.010	0.030	0.013
1-Dec-03	<0.005	0.013	0.026	0.037
Median	0.003	0.017	0.026	0.032
IQR/median %	250	84	47	47

NB: The dates given are for sites N1-N9. Sites S1-S7 were sampled on 8-Jan, 5-Feb, 5-Mar, 2-Apr, 7-May, 5-Jun, 2-Jul, 6-Aug, 5-Sep, 29 Sep, 5-Nov and 3-Dec.

Method detection limit is 0.005 mg/L. For summary statistics, a result of "<0.005" is taken to have the value 0.0025

The graphs on the following page show soluble zinc results for the period August 1987 to December 2003 (where data available).



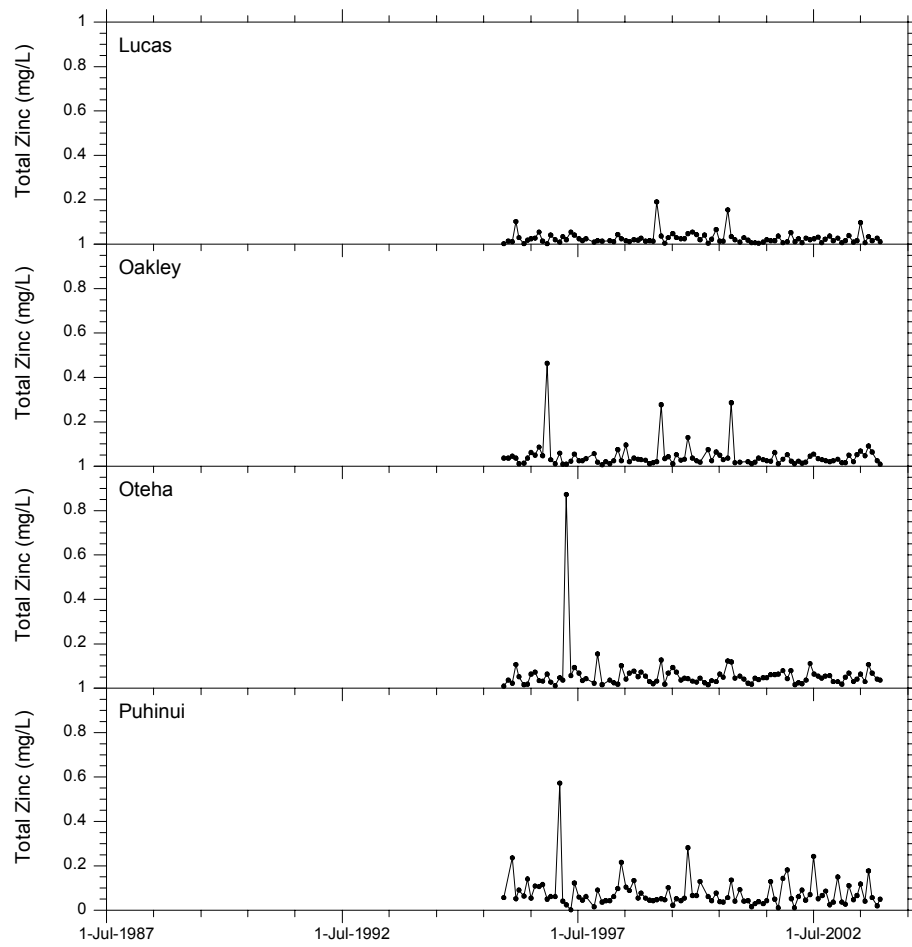
APPENDIX 21: FRESHWATER – TOTAL ZINC

(Note that $\text{g/m}^3 = \text{g m}^{-3} = \text{mg/L}$)

Total zinc (mg/L) for the period January 2003 to December 2003				
Date	Lucas	Oakley	Oteha	Puhinui
7-Jan-03	0.028	0.032	0.030	0.150
4-Feb-03	0.007	0.016	0.019	0.037
4-Mar-03	0.015	0.015	0.050	0.028
1-Apr-03	0.039	0.050	0.068	0.111
6-May-03	0.009	0.020	0.029	0.048
4-Jun-03	0.015	0.053	0.041	0.066
1-Jul-03	0.099	0.068	0.063	0.119
7-Aug-03	0.008	0.049	0.029	0.042
2-Sep-03	0.035	0.092	0.108	0.177
30-Sep-03	0.017	0.065	0.068	0.057
4-Nov-03	0.027	0.024	0.042	0.021
1-Dec-03	0.011	0.010	0.038	0.050
Median	0.016	0.041	0.042	0.054
IQR/median %	120	91	83	135

NB: The dates given are for sites N1-N9. Sites S1-S7 were sampled on 8-Jan, 5-Feb, 5-Mar, 2-Apr, 7-May, 5-Jun, 2-Jul, 6-Aug, 5-Sep, 29 Sep, 5-Nov and 3-Dec.

The graphs on the following page show total zinc results for the period August 1987 to December 2003 (where data available).

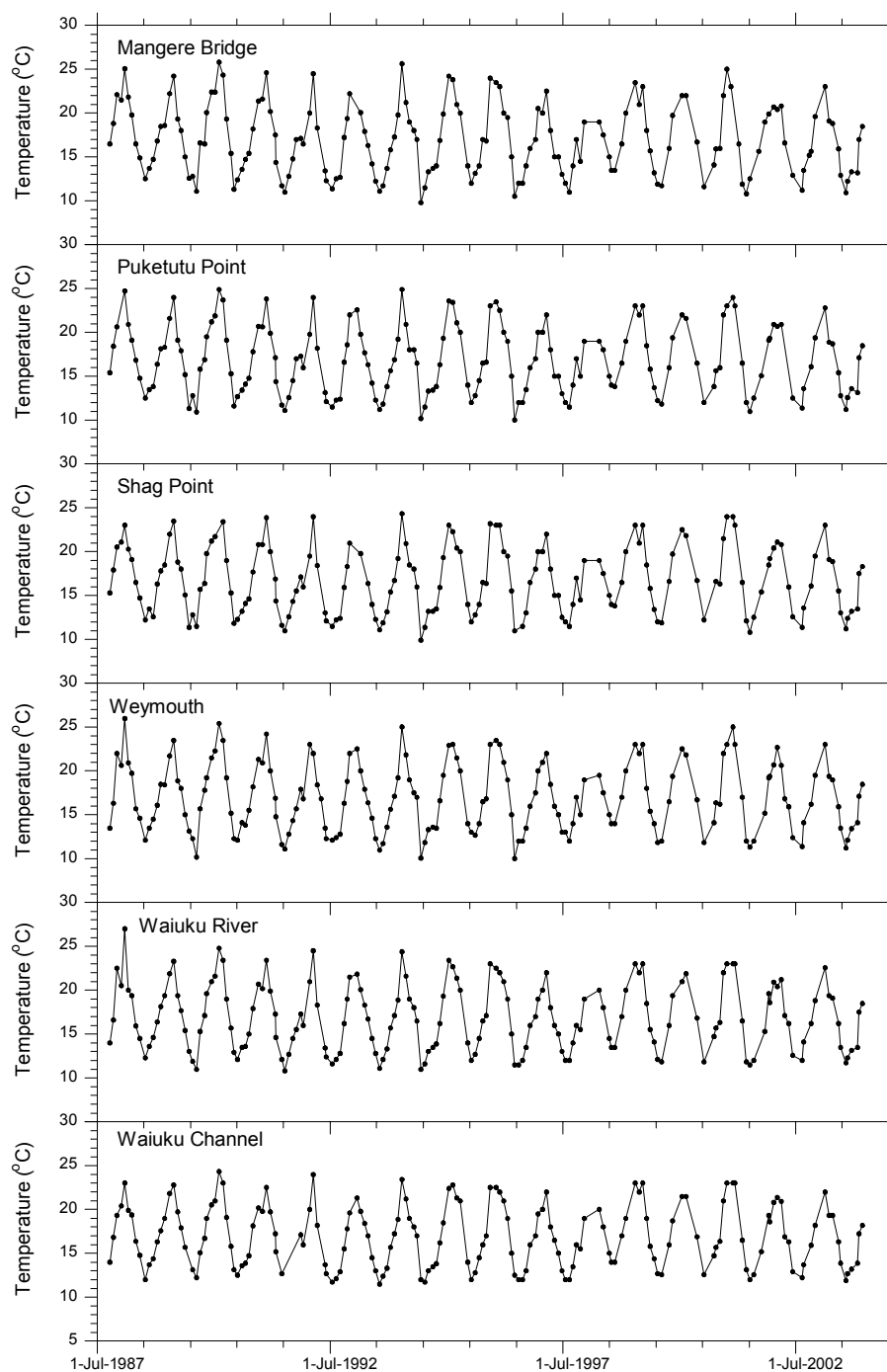


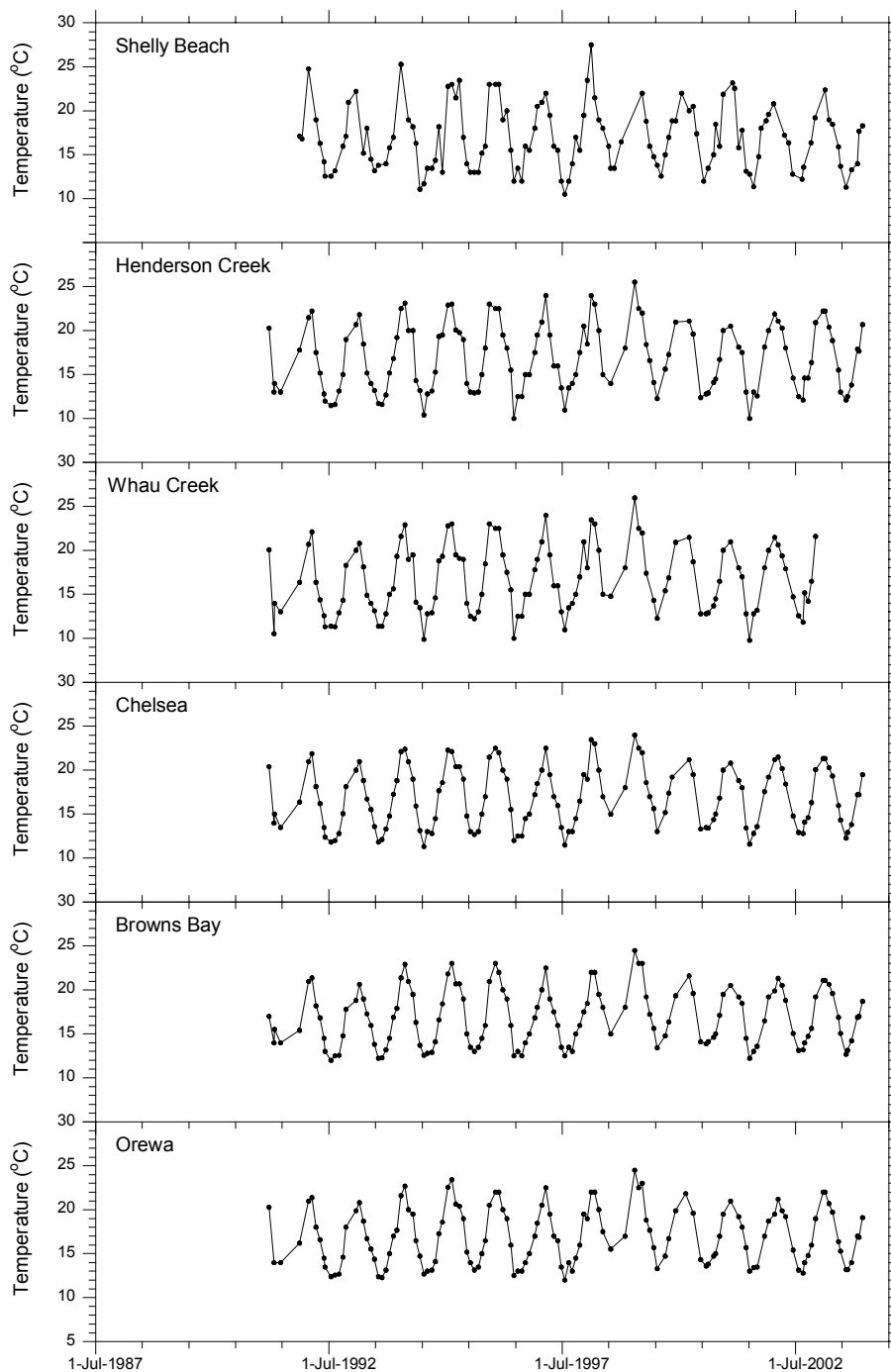
APPENDIX 22: SALINE – TEMPERATURE

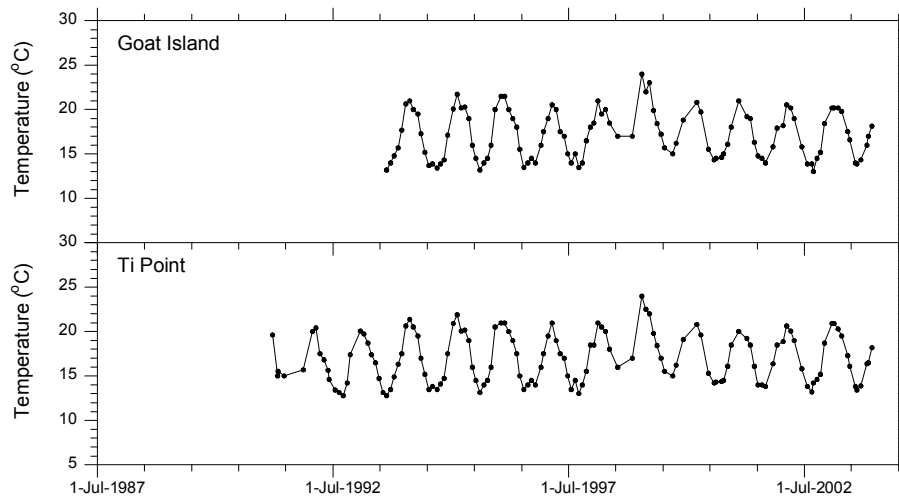
Temperature (deg C) during the period January 2003 - December 2003														
Date	Browns	Chelsea	Goat Isl	Henderson	Mangere	Orewa	Puketutu	Shag Point	Shelly	TiPoint	Waiuku Ch	Waiuku Rvr	Weymouth	Whau
3-Feb-03	21.10	21.30	20.20	22.20		22				20.90				22.60
17-Feb-03	21.10	21.30	20.20	22.20	23	22	22.80	23.00	22.40	20.90	22.00	22.60	23.00	22.60
19-Mar-03	20.60	20.30	20.20	20.40	19.1	20.7	18.90	19.10	19.00	20.30	19.30	19.40	19.40	20.70
17-Apr-03	19.60	19.30	19.80	18.90	18.8	19.7	18.70	18.90	18.50	19.50	19.30	19.10	19.00	18.90
3-Jun-03	16.90	16.00	17.50	15.50	15.9	16.4	15.40	15.50	15.90	17.30	16.30	16.20	15.90	15.40
16-Jun-03	15.10	14.30	16.60	13.00	12.9	15.3	12.80	13.00	13.70	16.10	13.90	13.50	13.50	12.80
30-Jul-03	12.70	12.30	14.00	12.10	10.9	13.2	11.20	11.20	11.30	13.80	11.90	11.70	11.20	12.20
14-Aug-03	13.10	12.90	13.90	12.50	12.2	13.2	12.60	12.40		13.40	12.70	12.30	12.10	12.50
12-Sep-03	14.20	13.80	14.30	13.80	13.3	14	13.60	13.20	13.30	13.90	13.20	13.10	13.40	13.00
29-Oct-03	16.90	17.20	16	17.90	13.2	17	13.10	13.50	14.00	16.40	13.90	13.50	14.10	17.60
10-Nov-03	17.00	17.20	17.0	17.7	17.0	16.9	17.10	17.50	17.70	16.50	17.20	17.50	17.10	17.90
8-Dec-03	18.70	19.50	18.10	20.70	18.50	19.10	18.50	18.30	18.30	18.20	18.20	18.50	18.50	20.90
Median	16.95	17.20	17.25	17.80	15.90	16.95	15.40	15.50	16.80	16.90	16.30	16.20	15.90	17.75
IQR/Median %	29.4	32.1	25.1	38.6	35.2	29.4	36.7	35.5	27.8	24.6	31.9	34.0	33.3	43.9

The dates given are for the East Coast and Waitemata Harbour sites. The Manukau and Kaipara Harbour sites were visited on 13-Jan, 11-Feb, 14-Mar, 14-Apr, 13-May, 13-Jun, 9-Jul, 8-Aug, 8-Sep, 6-Oct, 3-Nov and 2-Dec.

The graphs on the following pages show temperature results for the period August 1987 to December 2003 (where data available).





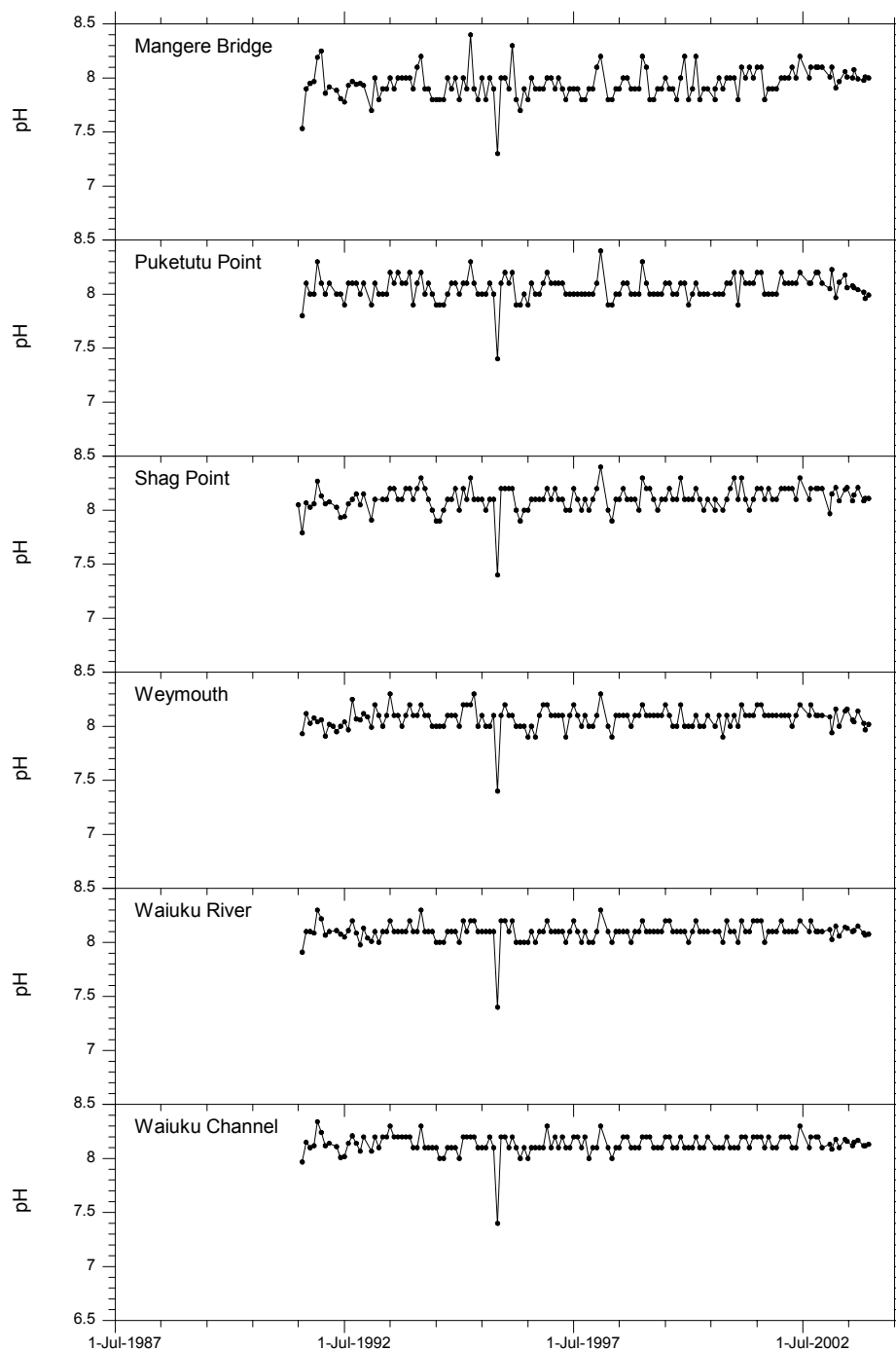


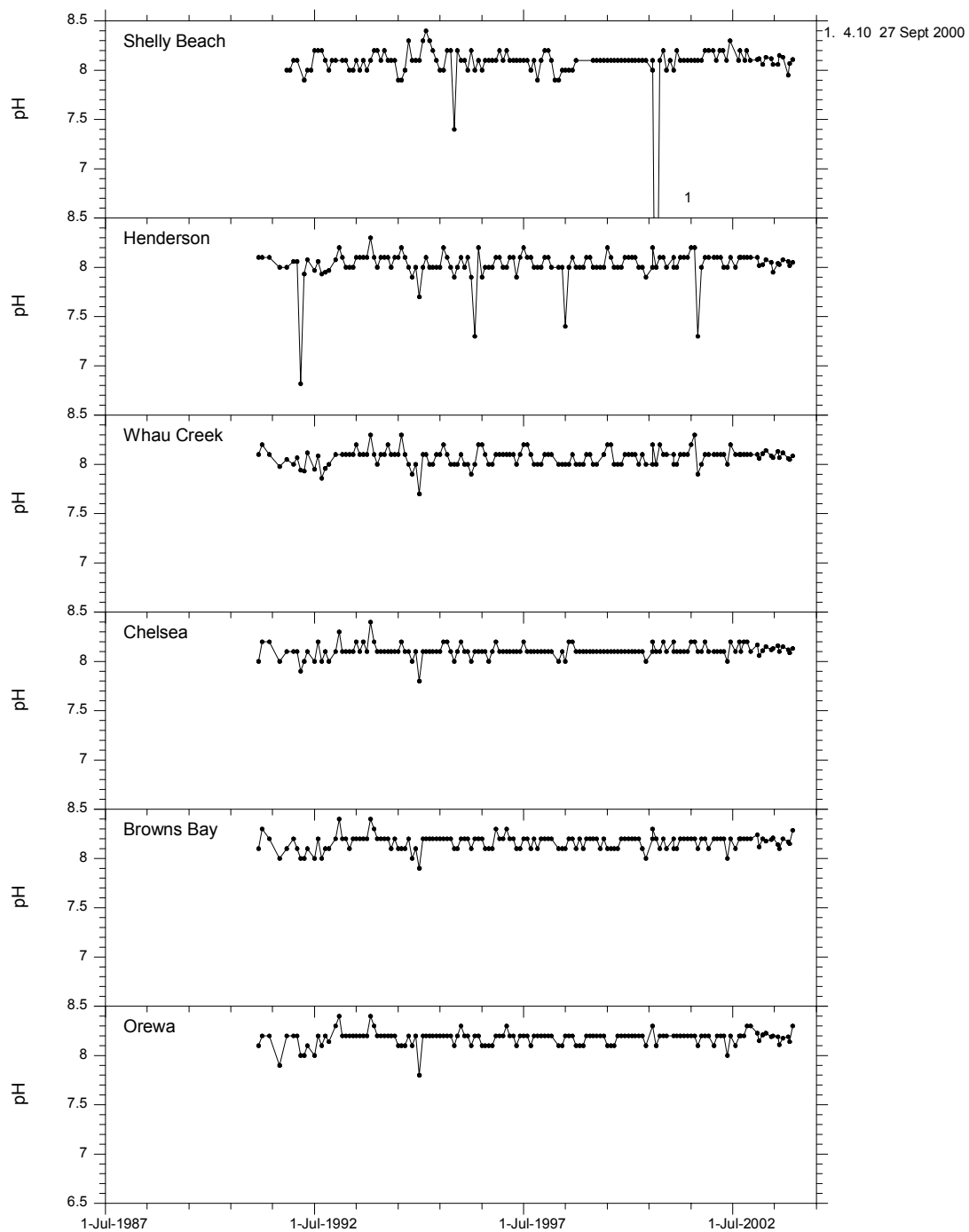
APPENDIX 23: SALINE – pH

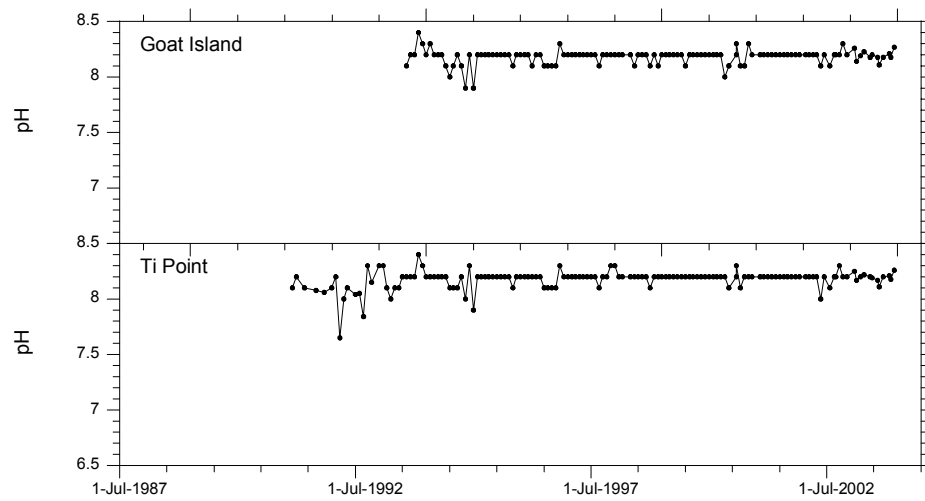
pH (pH units) during for the period January 2003 - December 2003														
Date	Browns	Chelsea	Goat Isl	Henderson	Mangere	Orewa	Puketutu	Shag Point	Shelly	TiPoint	Waiuku Ch	Waiuku Rvr	Weymouth	Whau
3-Feb-03	8.2	8.2	8.3	8.1	8.0	8.2	8.1	8.0	8.1	8.3	8.1	8.1	8.1	8.1
17-Feb-03	8.1	8.1	8.1	8.0	8.1	8.2	8.2	8.2	8.1	8.2	8.1	8.0	7.9	8.1
19-Mar-03	8.2	8.1	8.2	8.0	7.9	8.2	8.0	8.2	8.1	8.2	8.2	8.2	8.2	8.1
17-Apr-03	8.2	8.2	8.2	8.1	8.0	8.2	8.1	8.1	8.1	8.2	8.1	8.1	8.0	8.1
3-Jun-03	8.2	8.1	8.2	8.1	8.1	8.2	8.2	8.2	8.1	8.2	8.2	8.1	8.1	8.1
16-Jun-03	8.2	8.1	8.2	8.0	8.0	8.2	8.1	8.2	8.1	8.2	8.2	8.1	8.2	8.1
30-Jul-03	8.1	8.2	8.2	8.0	8.0	8.2	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
14-Aug-03	8.1	8.1	8.1	8.0	8.1	8.1	8.1	8.1	8.2	8.1	8.2	8.1	8.0	8.1
12-Sep-03	8.2	8.2	8.2	8.1	8.0	8.2	8.0	8.2	8.1	8.2	8.2	8.2	8.1	8.1
29-Oct-03	8.2	8.1	8.2	8.1	8.0	8.2	8.0	8.1	8.0	8.2	8.1	8.1	8.0	8.1
10-Nov-03	8.2	8.1	8.2	8.0	8.0	8.1	8.0	8.1	8.1	8.2	8.1	8.1	8.0	8.1
8-Dec-03	8.3	8.1	8.3	8.1	8.0	8.3	8.0	8.1	8.1	8.3	8.1	8.1	8.0	8.1
Median	8.2	8.1	8.2	8.0	8.0	8.2	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
IQR/Median %	0.7	0.5	0.4	0.5	0.4	0.5	0.9	1.3	0.8	0.4	0.5	0.7	1.6	0.6

The dates given are for the East Coast and Waitemata Harbour sites. The Manukau and Kaipara Harbour sites were visited on 13-Jan, 11-Feb, 14-Mar, 14-Apr, 13-May, 13-Jun, 9-Jul, 8-Aug, 8-Sep, 6-Oct, 3-Nov and 2-Dec.

The graphs on the following pages show pH results for the period August 1987 to December 2003 (where data available).







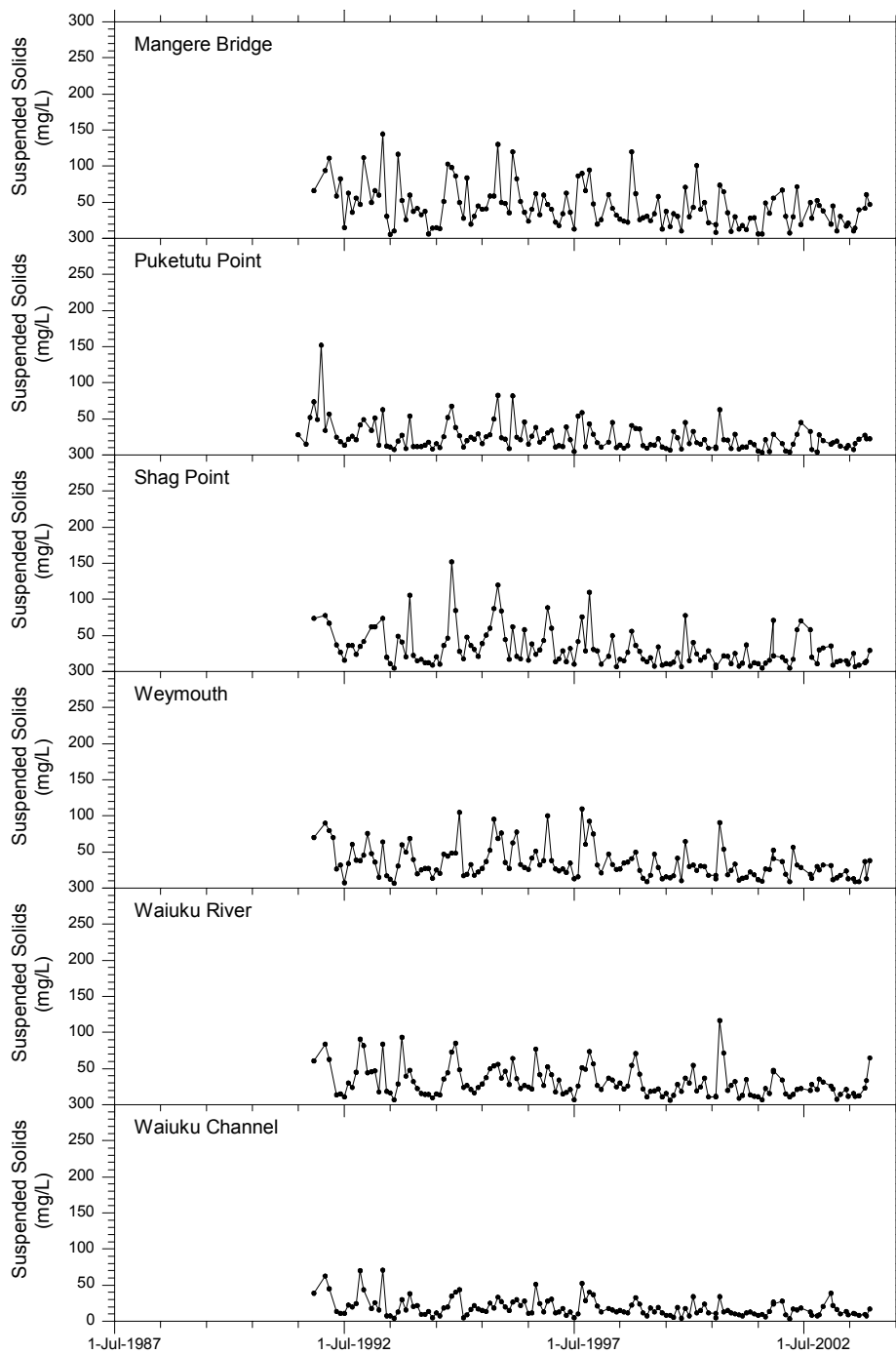
APPENDIX 24: SALINE – SUSPENDED SOLIDS

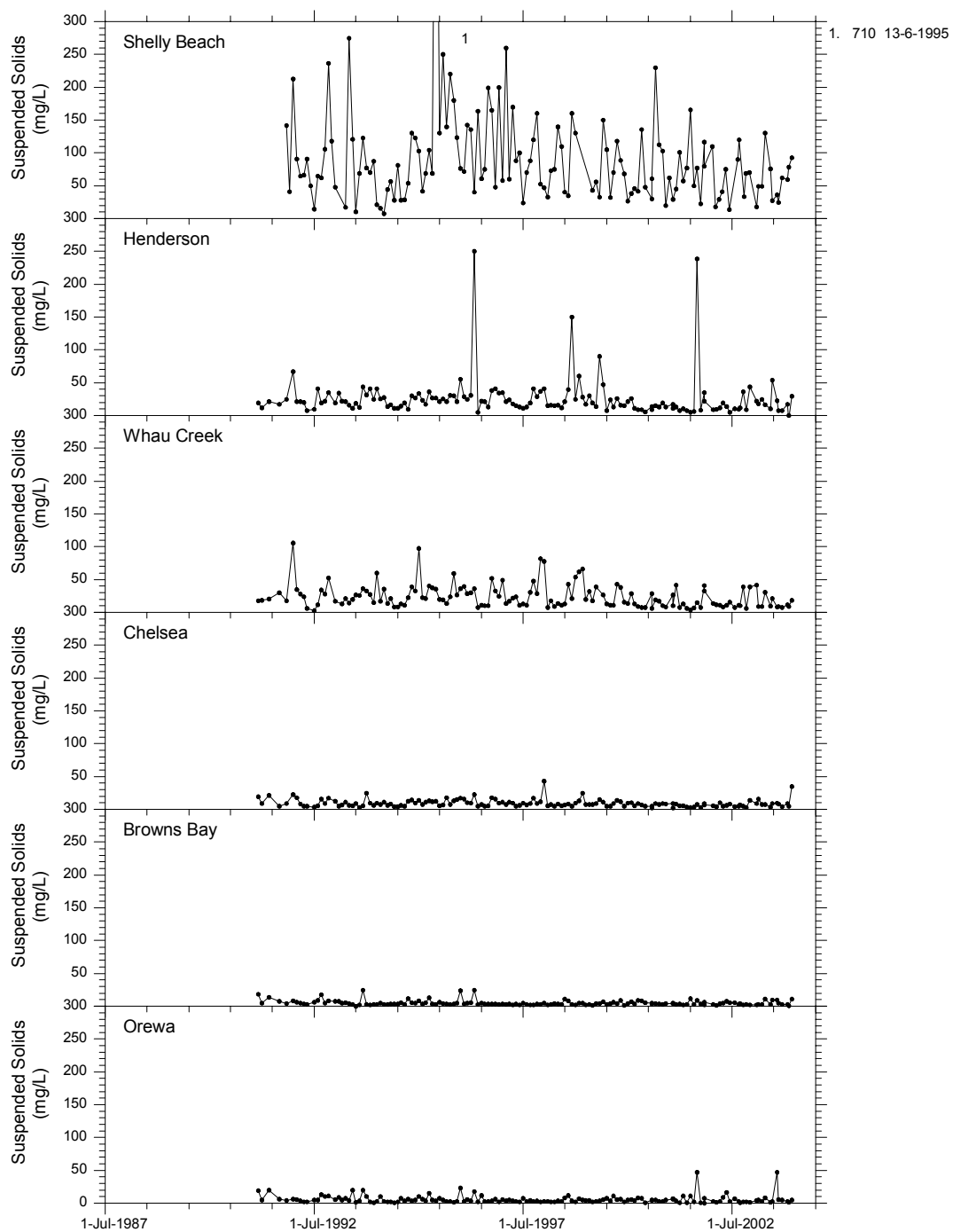
(Note that $\text{g/m}^3 = \text{g m}^{-3} = \text{mg/L}$)

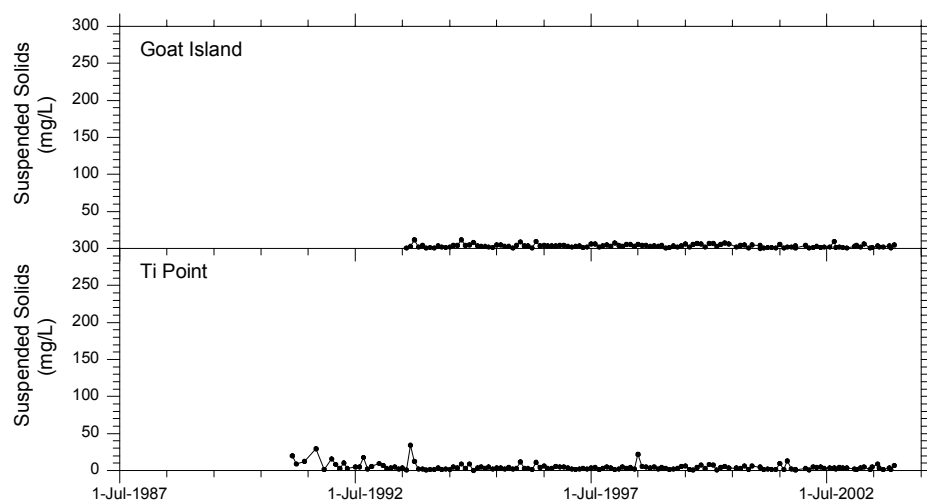
a) Suspended solids (mg/L) for the period January 2003 - December 2003														
Date	Browns	Chelsea	Goat Isl	Henderson	Mangere	Orewa	Puketutu	Shag Point	Shelly	TiPoint	Waiuku Ch	Waiuku Rvr	Weymouth	Whau
3-Feb-03	2.0	8.8	3.0	22.1	20.0	4.4	15.0	35.9	18.0	2.4	38.9	26.0	31.3	41.6
17-Feb-03	3.1	16.0	4.1	18.0	45.2	4.9	17.0	8.9	49.2	1.4	22.0	22.0	12.0	9.1
19-Mar-03	2.5	7.6	2.4	24.4	10.5	2.8	19.2	14.0	49.1	3.7	16.4	7.2	14.3	8.9
17-Apr-03	10.9	7.5	6.0	16.5	30.6	8.5	12.4	14.9	130.2	4.9	10.2	14.5	18.0	30.7
3-Jun-03	2.8	3.3	0.5	10.6	17.1	1.5	9.7	15.3	75.8	1.5	13.7	21.1	23.8	9.5
16-Jun-03	9.8	9.4	1.6	53.9	21.4	3.0	13.3	10.0	27.6	4.5	9.1	11.6	13.3	21.4
30-Jul-03	9.9	9.7	3.5	22.6	10.5	46.9	7.7	25.1	36.0	9.2	11.0	15.4	13.2	8.1
14-Aug-03	4.7	8.5	1.9	7.6	14.8	5.6	15.6	6.8	24.9	3.9	10.3	11.8	8.9	9.4
12-Sep-03	3.2	4.3	2.2	7.2	39.6	4.6	21.8	8.7	61.9	1.7	8.3	12.4	8.8	7.2
29-Oct-03	2.7	9.2	3.7	17.0	41.7	3.1	27.2	12.4	59.4	3.8	9.9	23.3	36.7	11.7
10-Nov-03	1.0	4.6	1.2	0.1	61.0	1.5	22.5	14.8	78.6	1.7	7.9	33.5	13.3	9.0
8-Dec-03	10.8	34.5	4.7	29.5	47.2	4.6	22.5	29.5	92.5	6.8	17.1	65.1	38.0	18.8
Median	3.2	8.7	2.7	17.5	26.0	4.5	16.3	14.4	54.3	3.8	10.7	18.3	13.8	9.5
IQR/Median %	228	31	73	75	100	47	55	56	78	77	65	64	93	111

The dates given are for the East Coast and Waitemata Harbour sites. The Manukau and Kaipara Harbour sites were visited on 13-Jan, 11-Feb, 14-Mar, 14-Apr, 13-May, 13-Jun, 9-Jul, 8-Aug, 8-Sep, 6-Oct, 3-Nov and 2-Dec.

The graphs on the following pages show suspended solids results for the period August 1987 to December 2003 (where data available).





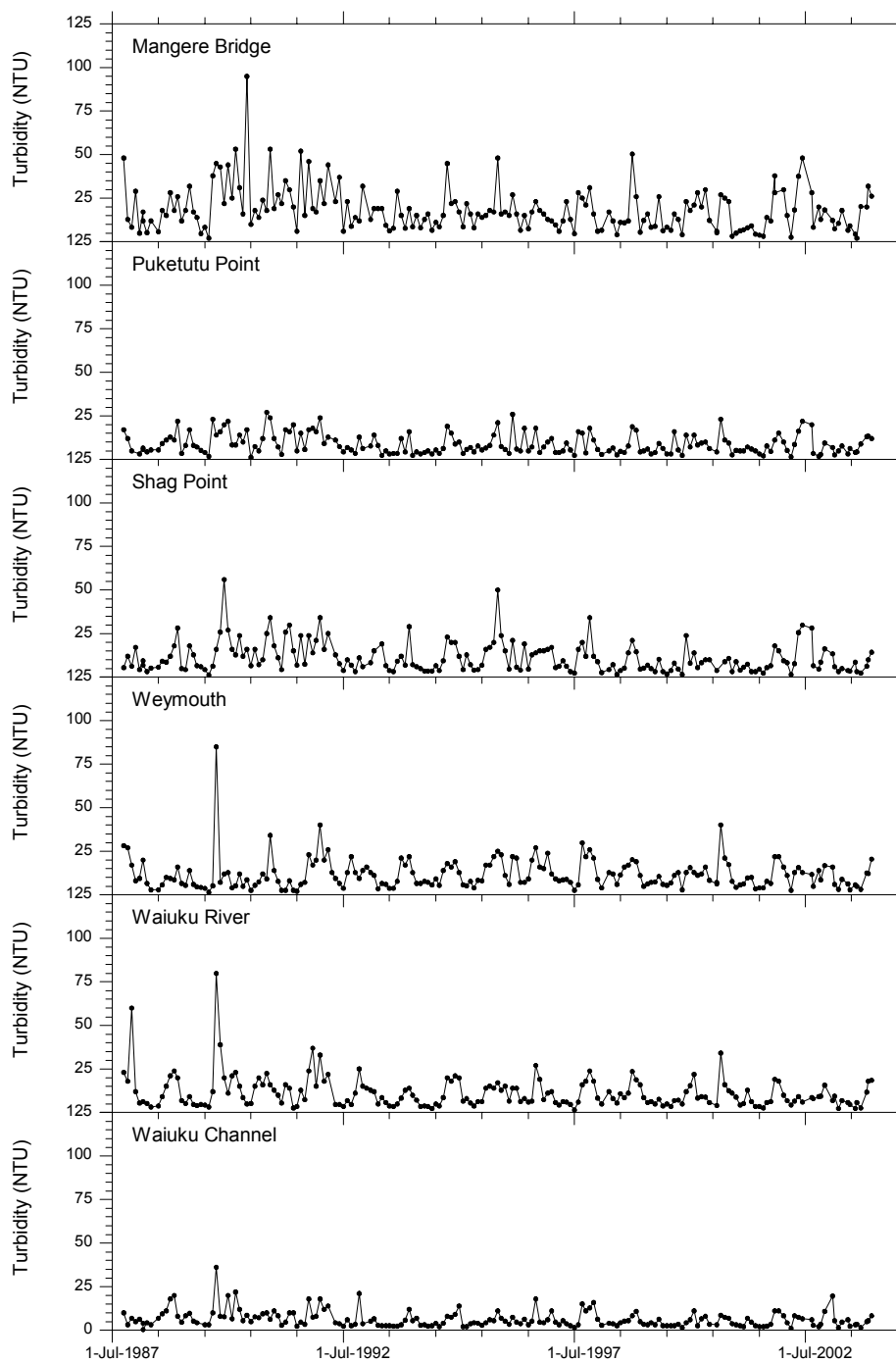


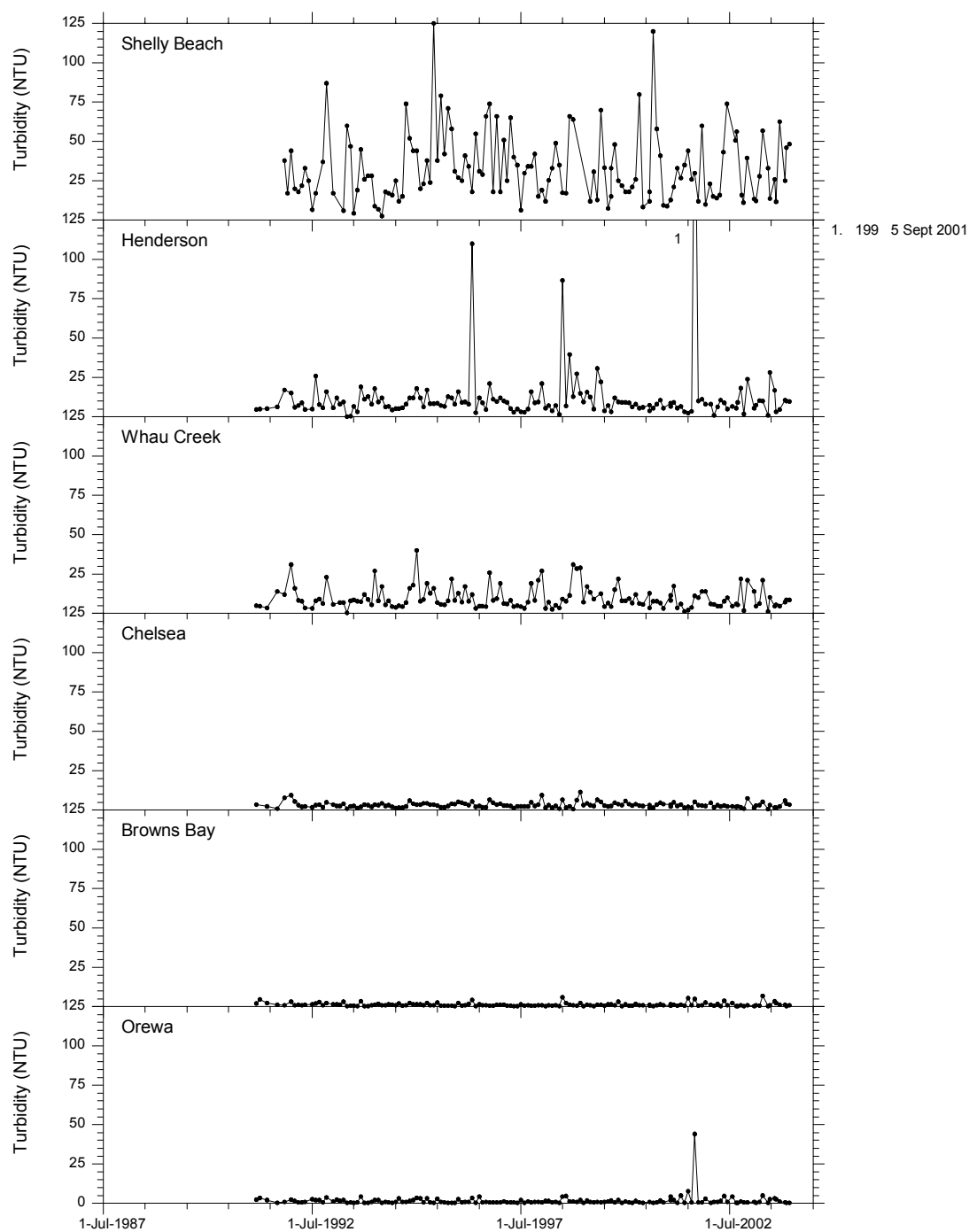
APPENDIX 25: SALINE – TURBIDITY

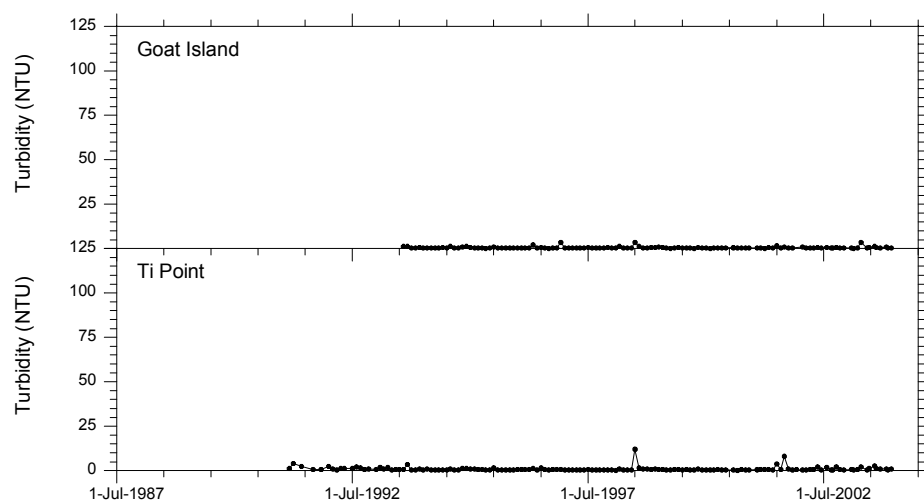
Turbidity (NTU) for the period January 2003 - December 2003														
Date	Browns	Chelsea	Goat Isl	Henderson	Mangere	Orewa	Puketutu	Shag Point	Shelly	TiPoint	Waiuku Ch	Waiuku Rvr	Weymouth	Whau
3-Feb-03	0.4	1.5	0.4	5.3	12.1	0.8	6.7	13.5	13.4	0.7	19.6	6.9	15.9	14.1
17-Feb-03	1.0	2.9	0.2	7.5	7.4	0.2	2.5	6.1	12.2	0.4	5.3	9.3	6.1	4.5
19-Mar-03	0.7	3.0	0.3	10.3	10.7	0.8	4.9	3.1	27.9	0.5	1.6	2.2	3.1	6.4
17-Apr-03	6.8	5.1	3.5	10.0	18.0	5.0	7.7	4.8	56.9	2.1	4.5	6.9	8.7	21.0
3-Jun-03	0.4	0.5	0.3	1.0	6.5	0.3	3.2	3.7	33.0	0.5	6.1	5.7	6.3	1.2
16-Jun-03	1.0	3.0	0.6	28.3	9.3	2.7	6.3	3.4	13.8	1.2	2.4	4.7	2.8	10.4
30-Jul-03	3.4	1.4	1.1	16.9	4.2	3.0	4.0	8.6	25.8	2.8	3.1	2.4	5.7	4.7
14-Aug-03	2.4	1.6	0.6	3.1	1.9	2.7	4.3	3.2	11.7	1.1	3.4	5.8	4.9	5.4
12-Sep-03	1.0	2.4	0.5	4.7	20.1	1.2	8.8	2.3	62.7	0.7	1.4	2.5	3.1	4.5
29-Oct-03	1.3	6.2	0.7	10.5	19.9	0.6	13.2	6.3	25.1	1.0	4.8	11.7	12.5	7.2
10-Nov-03	0.5	4.0	0.4	9.9	31.8	0.5	13.3	10.1	46.0	0.5	5.4	17.8	12.3	8.7
8-Dec-03	0.9	3.4	0.3	9.7	26.3	0.4	11.9	14.3	48.4	0.8	8.4	18.4	20.5	8.6
Median	1.0	3.0	0.5	9.8	11.4	0.8	6.5	5.4	26.9	0.8	4.6	6.3	6.2	6.8
IQR/Median %	101	67	64	53	112	296	82	104	123	84	57	91	127	66

The dates given are for the East Coast and Waitemata Harbour sites. The Manukau and Kaipara Harbour sites were visited on 13-Jan, 11-Feb, 14-Mar, 14-Apr, 13-May, 13-Jun, 9-Jul, 8-Aug, 8-Sep, 6-Oct, 3-Nov and 2-Dec.

The graphs on the following pages show turbidity results for the period August 1987 to December 2003 (where data available).





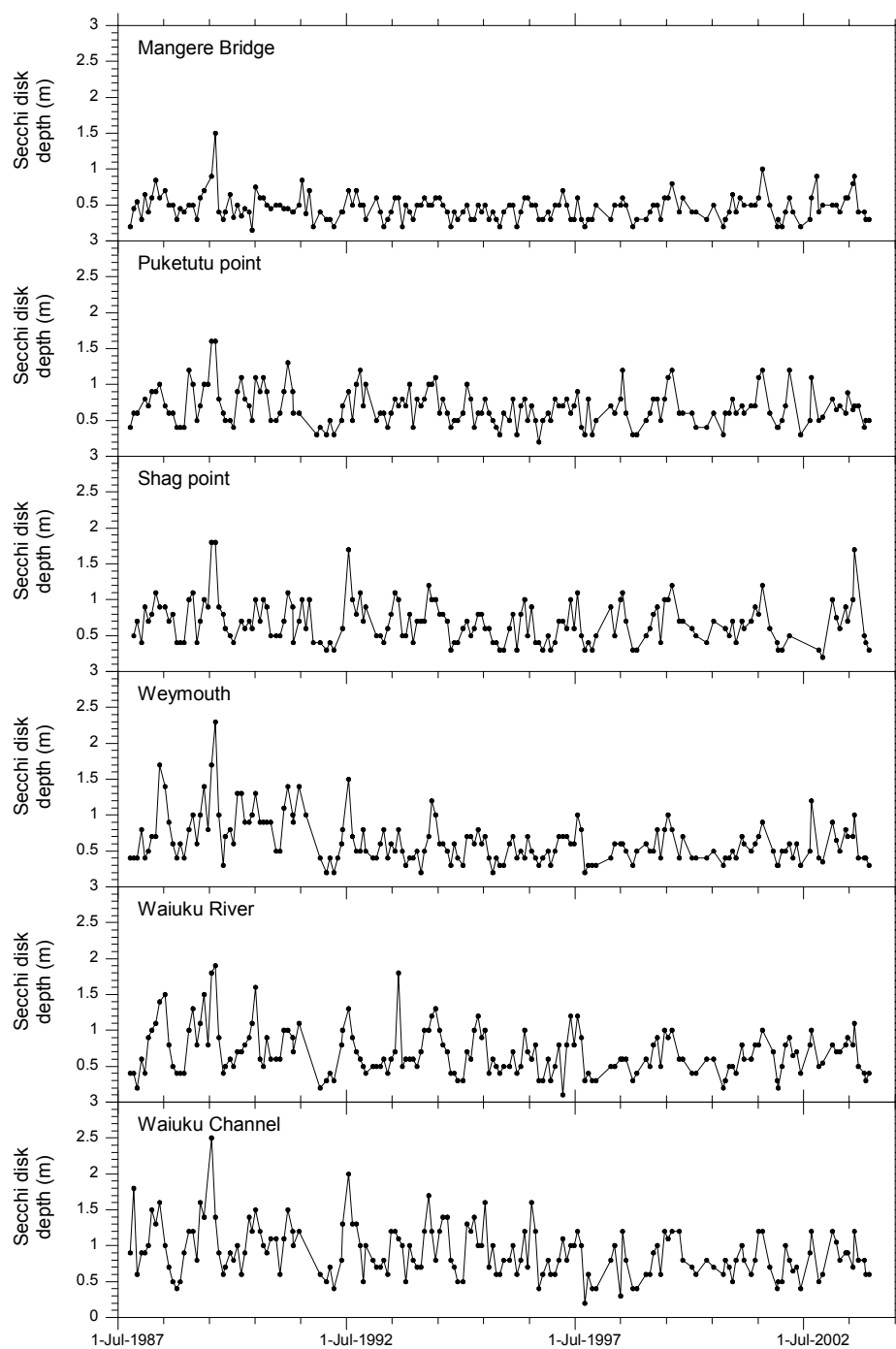


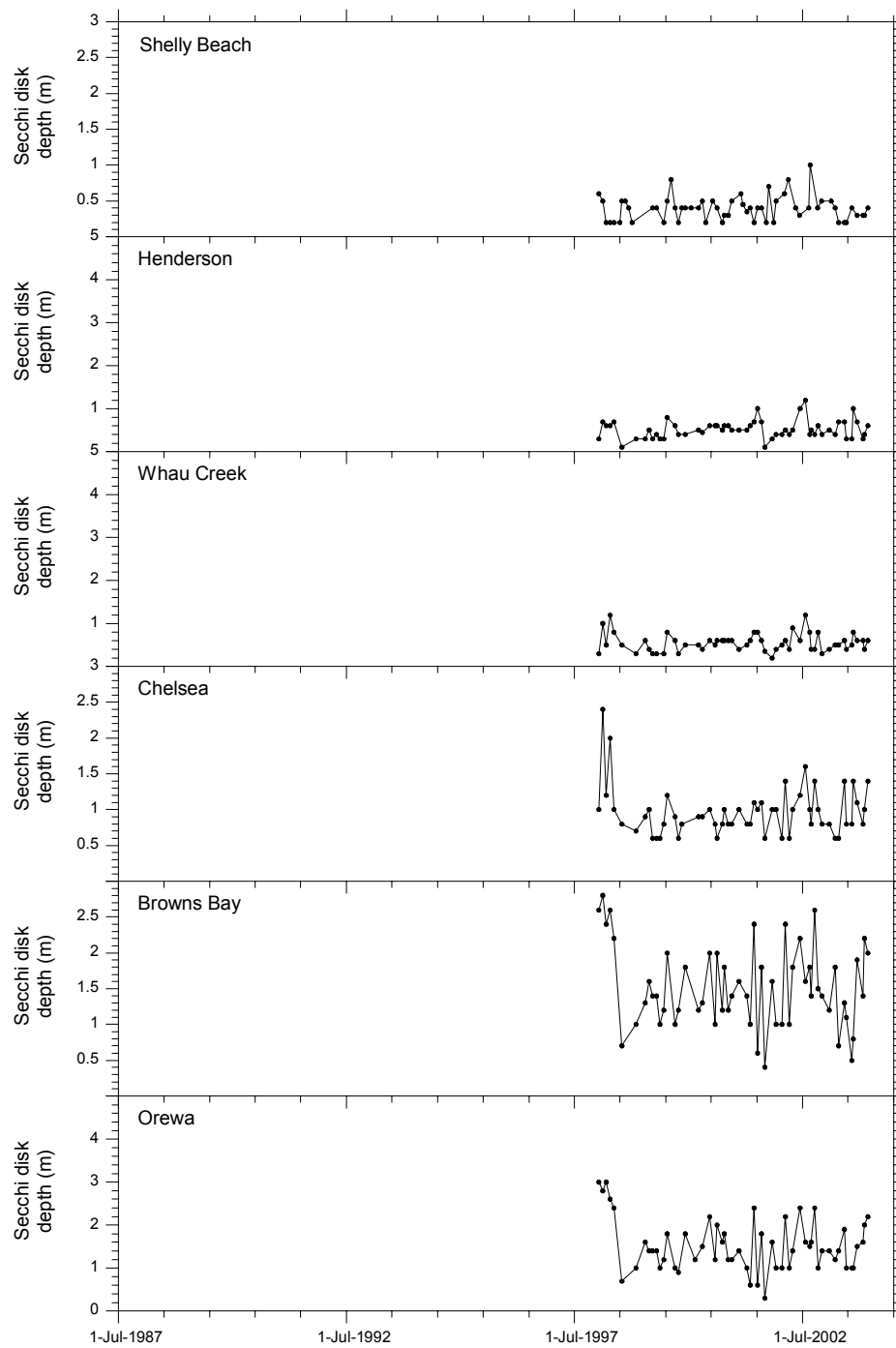
APPENDIX 26: SALINE – SECCHI DEPTH

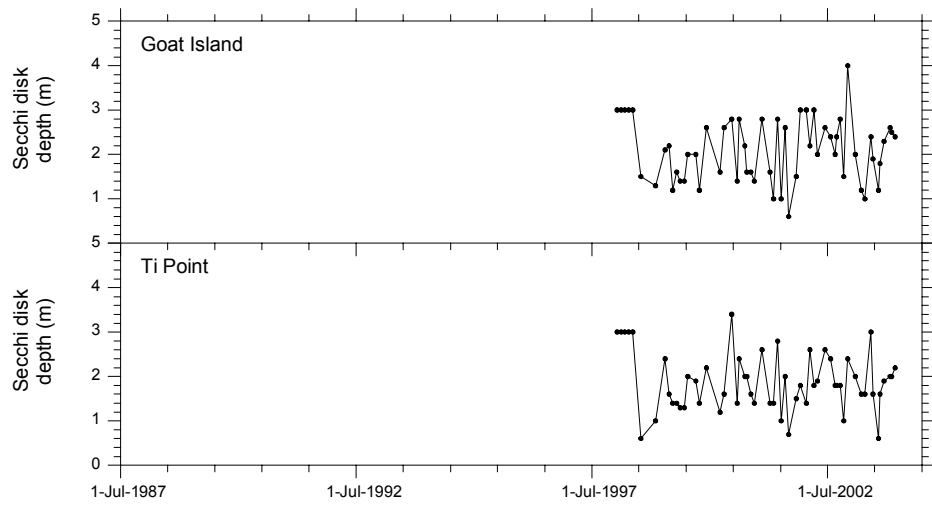
Secchi depth (m) for the period January 2003 - December 2003														
Date	Browns	Chelsea	Goat Isl	Henderson	Mangere	Orewa	Puketutu	Shag Point	Shelly	TiPoint	Waiuku Ch	Waiuku Rvr	Weymouth	Whau
3-Feb-03	1.2	0.8	2.0	0.5		1.4				2.0				0.4
17-Feb-03					0.5		0.8	1.0	0.5		1.2	0.8	0.9	
19-Mar-03	1.8	0.6	1.2	0.4	0.5	1.2	0.7	0.8	0.4	1.6	1.1	0.7	0.7	0.5
17-Apr-03	0.7	0.6	1.0	0.7	0.4	1.4	0.7	0.6	0.2	1.6	0.8	0.7	0.5	0.5
3-Jun-03	1.3	1.4	2.4	0.7	0.6	1.9	0.6	0.9	0.2	3.0	0.9	0.8	0.8	0.6
16-Jun-03	1.1	0.8	1.9	0.3	0.6	1.0	0.9	0.7	0.2	1.6	0.9	0.9	0.7	0.4
30-Jul-03	0.5	0.8	1.2	0.3	0.8	1.0	0.7	1.0	0.4	0.6	0.7	0.8	0.7	0.5
14-Aug-03	0.8	1.4	1.8	1.0	0.9	1.0	0.7	1.7		1.6	1.2	1.1	1.0	0.8
12-Sep-03	1.9	1.1	2.3	0.7	0.4	1.5	0.7		0.3	1.9	0.8	0.5	0.4	0.6
29-Oct-03	1.4	0.8	2.6	0.3	0.4	1.6	0.4	0.5	0.3	2.0	0.8	0.4	0.4	0.6
10-Nov-03	2.2	1.0	2.5	0.4	0.3	2.0	0.5	0.4	0.3	2.0	0.6	0.3	0.4	0.4
8-Dec-03	2.0	1.4	2.4	0.6	0.3	2.2	0.5	0.3	0.4	2.2	0.6	0.4	0.3	0.6
Median	1.3	0.8	2.0	0.5	0.5	1.4	0.7	0.7	0.3	1.9	0.8	0.7	0.7	0.5
IQR/Median %	69	56	45	70	40	46	23	62	58	21	28	50	54	35

The dates given are for the East Coast and Waitemata Harbour sites. The Manukau and Kaipara Harbour sites were visited on 13-Jan, 11-Feb, 14-Mar, 14-Apr, 13-May, 13-Jun, 9-Jul, 8-Aug, 8-Sep, 6-Oct, 3-Nov and 2-Dec.

The graphs on the following pages show Secchi depth results for the period August 1987 to December 2003 (where data available).







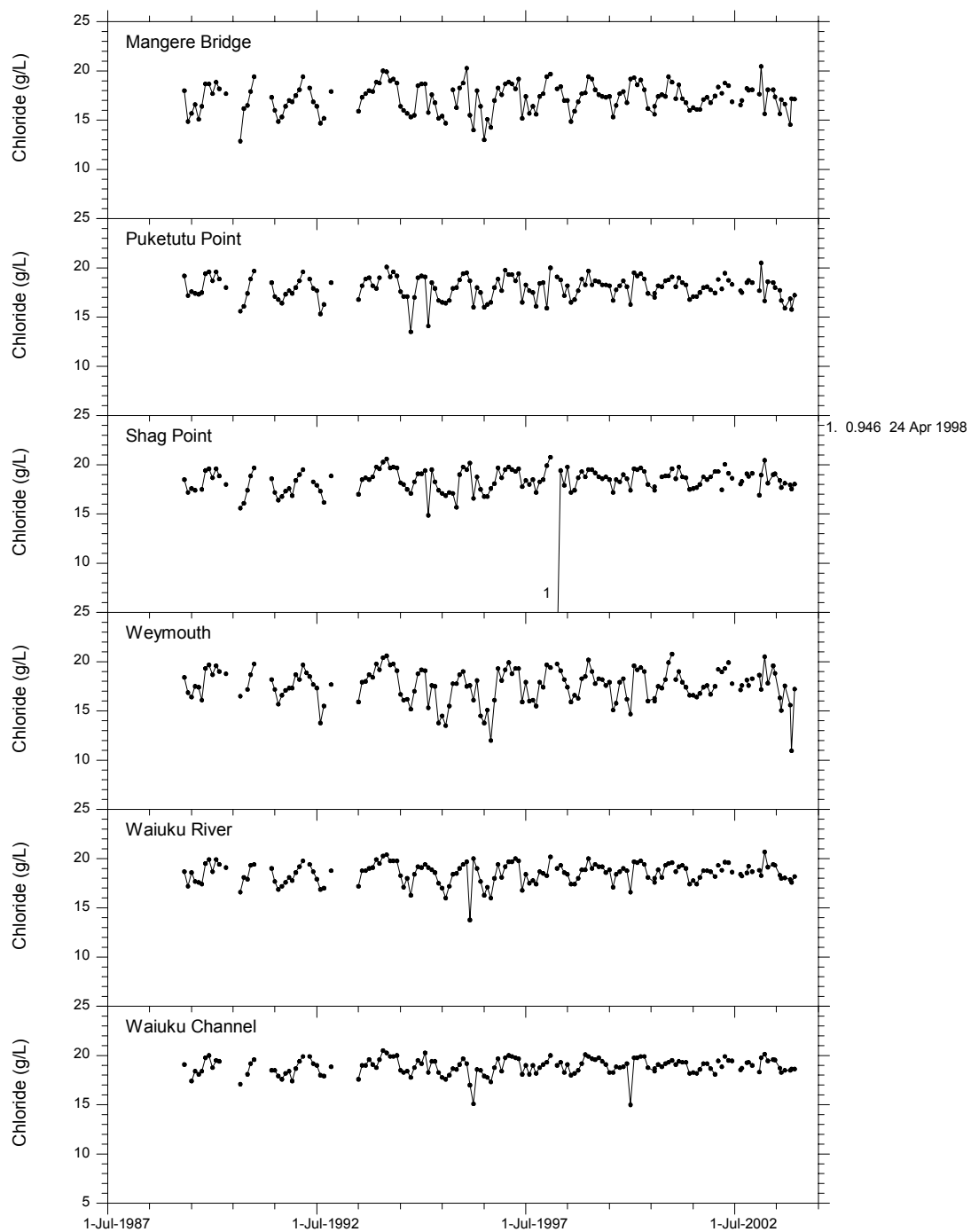
APPENDIX 27: SALINE – CHLORIDE

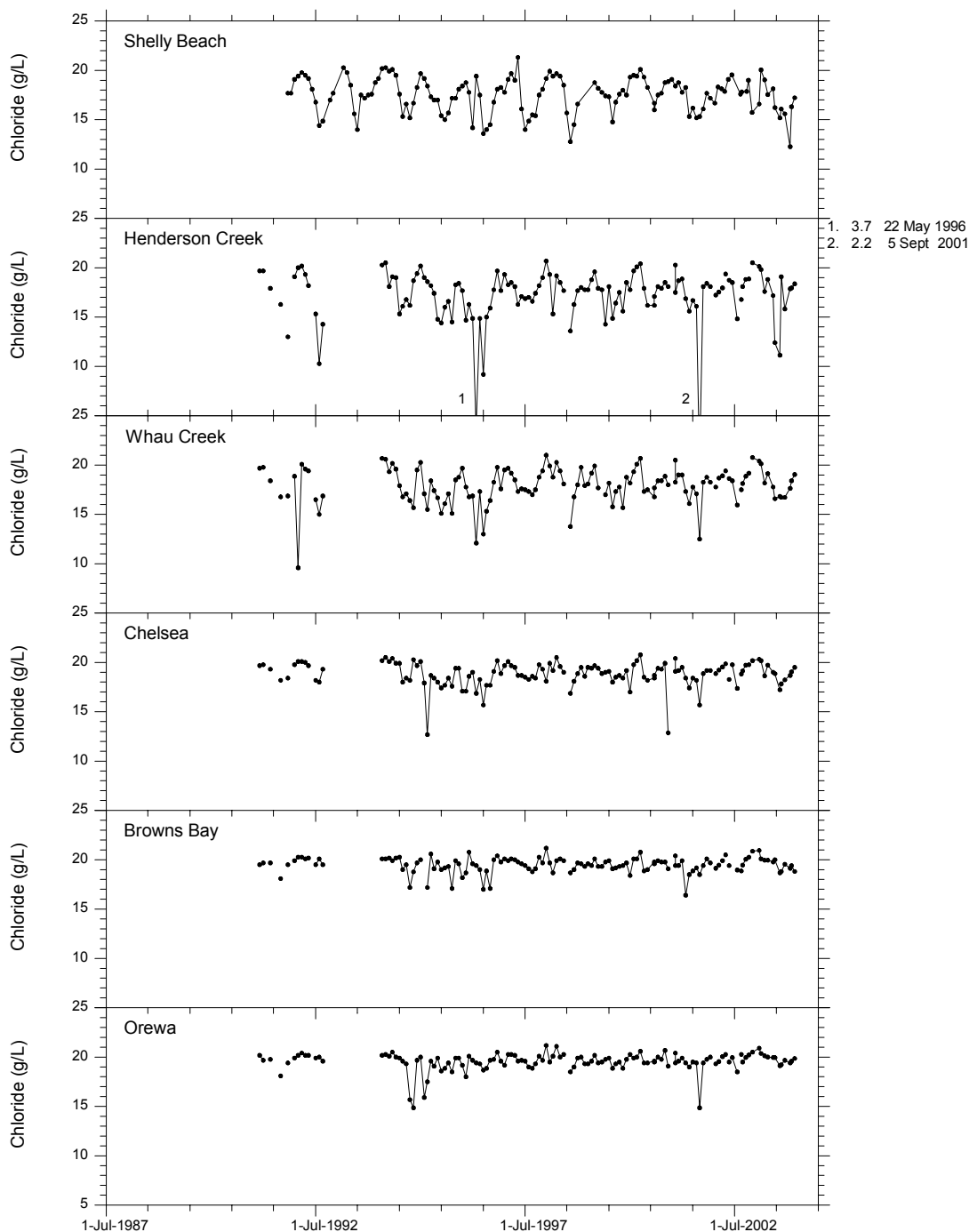
(Note that $\text{kg/m}^3 = \text{kg m}^{-3} = \text{g/L}$)

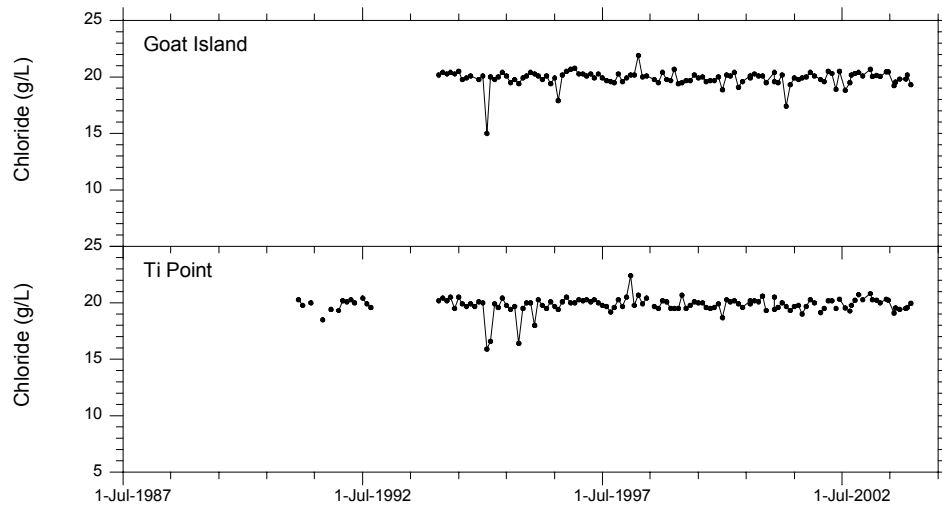
a) Chloride (g/L) for the period January 2003 - December 2003														
Date	Browns	Chelsea	Goat Isl	Henderson	Mangere	Orewa	Puketutu	Shag Point	Shelly	TiPoint	Waiuku Ch	Waiuku Rvr	Weymouth	Whau
3-Feb-03	20.9	20.3	20.7	20.1	17.7	20.9	17.7	16.9	16.6	20.8	18.3	18.8	18.6	20.4
17-Feb-03	20.1	20.2	20.0	19.8	20.5	20.4	20.5	18.9	20.1	20.3	19.8	18.3	17.2	20.1
19-Mar-03	19.9	18.6	20.2	17.6	15.6	20.2	16.6	20.5	19.0	20.2	20.1	20.7	20.5	18.2
17-Apr-03	20.0	19.7	20.0	18.8	18.1	20.0	18.6	18.2	17.5	20.0	19.4	19.1	17.8	19.1
3-Jun-03	19.8	19.0	20.4	17.2	18.1	20.0	18.5	19.0	18.1	20.3	19.6	19.4	19.6	17.8
16-Jun-03	20.0	18.9	20.4	12.4	17.4	20.0	18.0	19.1	16.2	20.2	19.6	19.3	18.9	16.6
30-Jul-03	18.7	17.2	19.2	11.2	15.7	19.2	17.7	18.4	15.2	19.1	18.7	18.3	16.4	16.8
14-Aug-03	18.9	17.8	19.6	19.1	17.1	19.3	16.7	17.7	16.1	19.5	18.3	18.0	15.1	16.7
12-Sep-03	19.5	18.2	19.8	15.8	16.7	19.7	15.9	18.1	15.6	19.4	18.5	18.0	17.5	16.8
29-Oct-03	19.1	18.7	19.8	17.8	14.6	19.4	16.9	18.0	12.3	19.5	18.5	17.9	15.6	17.7
10-Nov-03	19.4	19.1	20.2	18.0	17.2	19.6	15.8	17.6	16.3	19.6	18.7	17.6	11.0	18.4
8-Dec-03	18.8	19.5	19.3	18.4	17.2	19.9	17.2	18.1	17.2	20.0	18.7	18.2	17.3	19.1
Median	19.7	18.9	20.0	17.9	17.2	19.9	17.5	18.2	16.5	20.0	18.7	18.3	17.4	18.0
IQR/Median %	5	5	3	12	8	2	8	6	10	4	6	6	14	13

The dates given are for the East Coast and Waitemata Harbour sites. The Manukau and Kaipara Harbour sites were visited on 13-Jan, 11-Feb, 14-Mar, 14-Apr, 13-May, 13-Jun, 9-Jul, 8-Aug, 8-Sep, 6-Oct, 3-Nov and 2-Dec.

The graphs on the following pages show chloride results for the period August 1987 to December 2003 (where data available).





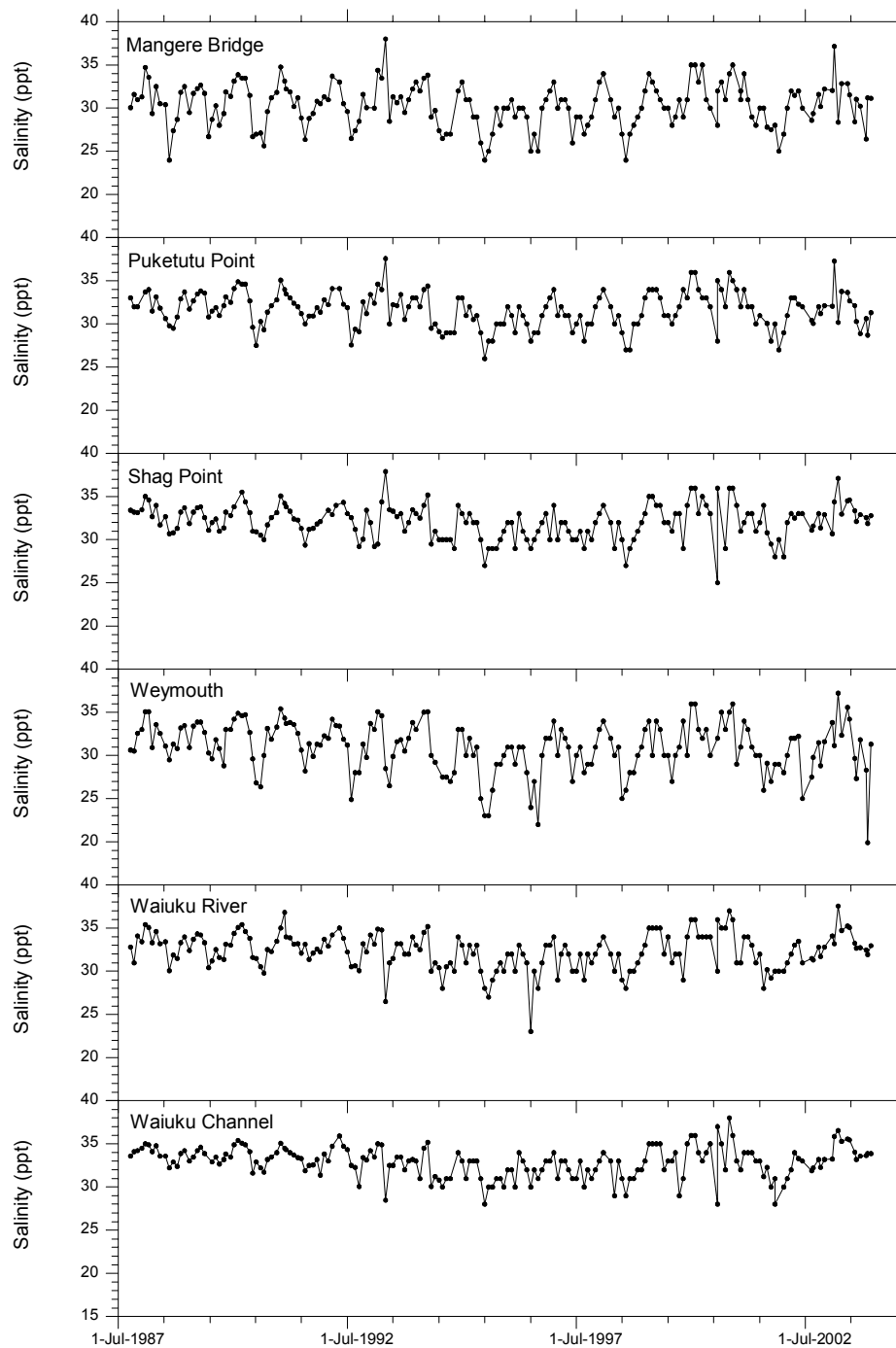


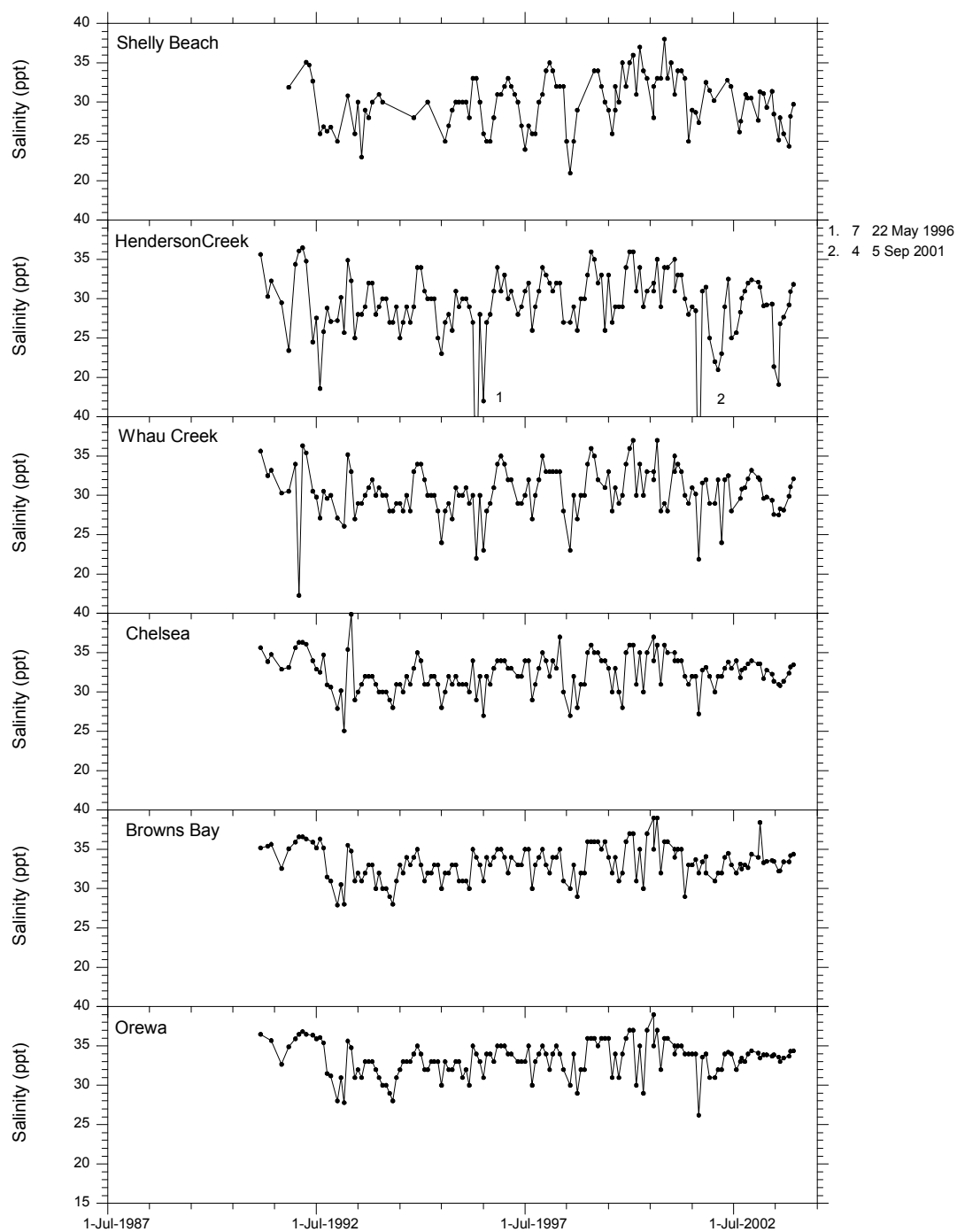
APPENDIX 28: SALINE – SALINITY

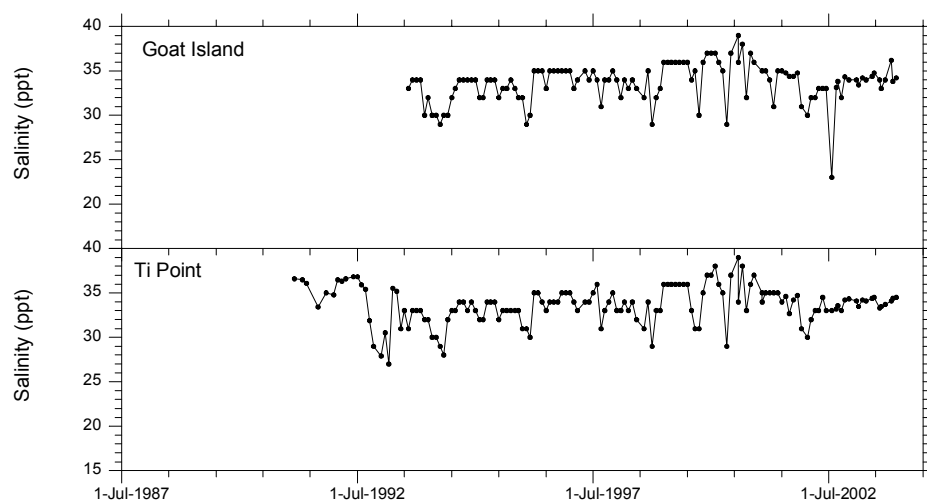
Salinity (ppt) for the period January 2003 - December 2003														
Date	Browns	Chelsea	Goat Isl	Henderson	Mangere	Orewa	Puketutu	Shag Point	Shelly	TiPoint	Waiuku Ch	Waiuku Rvr	Weymouth	Whau
3-Feb-03	34.0	33.6	34.0	32.1	32.0	34.1	32.1	30.7	27.7	34.1	33.2	34.1	33.8	32.3
17-Feb-03	38.4	33.0	33.4	31.5	37.2	33.5	37.3	34.4	31.3	33.5	35.9	33.2	31.2	32.0
19-Mar-03	33.3	31.7	34.2	29.1	28.4	33.9	30.2	37.1	31.1	34.2	36.5	37.6	37.2	29.6
17-Apr-03	33.5	32.8	34.0	29.2	32.8	33.9	33.7	33.0	29.3	34.1	35.3	34.7	32.4	29.8
3-Jun-03	33.6	32.3	34.4	29.3	32.8	33.7	33.6	34.5	31.4	34.4	35.6	35.2	35.6	29.4
16-Jun-03	33.5	31.4	34.8	21.4	31.5	33.9	32.7	34.6	28.5	34.5	35.5	35.1	34.2	27.6
30-Jul-03	32.2	31.3	34.0	19.1	28.4	33.6	32.1	33.4	25.2	33.3	34.0	33.3	29.7	27.5
14-Aug-03	32.3	30.8	33.0	26.8	31.0	33.0	30.3	32.1	28.0	33.5	33.2	32.7	27.4	28.3
12-Sep-03	33.4	31.4	34.0	27.7	30.2	33.5	28.9	32.9	26.0	33.7	33.6	32.7	31.8	28.1
29-Oct-03	33.4	32.4	36.2	29.2	26.4	33.7	30.6	32.6	24.4	34.1	33.6	32.5	28.3	29.9
10-Nov-03	34.2	33.2	33.8	30.9	31.2	34.3	28.7	31.9	28.2	34.4	33.9	31.9	19.9	31.1
8-Dec-03	34.4	33.5	34.2	31.8	31.1	34.4	31.3	32.8	29.7	34.5	33.9	33.0	31.3	32.1
Median	33.5	32.4	34.0	29.2	31.2	33.8	31.7	32.9	28.4	34.1	33.9	33.2	31.6	29.7
IQR/Median %	2	5	1	12	8	1	8	6	10	2	6	6	14	10

The dates given are for the East Coast and Waitemata Harbour sites. The Manukau and Kaipara Harbour sites were visited on 13-Jan, 11-Feb, 14-Mar, 14-Apr, 13-May, 13-Jun, 9-Jul, 8-Aug, 8-Sep, 6-Oct, 3-Nov and 2-Dec.

The graphs on the following pages show salinity results for the period August 1987 to December 2003 (where data available).







APPENDIX 29: SALINE – BIOCHEMICAL OXYGEN DEMAND

(Note that $\text{g/m}^3 = \text{g m}^{-3} = \text{mg/L}$)

BOD (mg/L) for the period January 2003 - December 2003														
Date	Browns	Chelsea	Goat Isl	Henderson	Mangere	Orewa	Puketutu	Shag Point	Shelly	TiPoint	Waiuku Ch	Waiuku Rvr	Weymouth	Whau
3-Feb-03	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
17-Feb-03	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0
19-Mar-03	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	<2.0	<2.0		<2.0
17-Apr-03	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	2.3	<2.0	<2.0	<2.0	<2.0	<2.0
3-Jun-03	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0		<2.0
16-Jun-03	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
30-Jul-03	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
14-Aug-03	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
12-Sep-03	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.4	<2.0	<2.0	<2.0	<2.0	<2.0
29-Oct-03	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0		<2.0
10-Nov-03	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
8-Dec-03	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.3	<2.0	<2.0	<2.0	<2.0	<2.0
Median	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
IQR/Median %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0

The dates given are for the East Coast and Waitemata Harbour sites. The Manukau and Kaipara Harbour sites were visited on 13-Jan, 11-Feb, 14-Mar, 14-Apr, 13-May, 13-Jun, 9-Jul, 8-Aug, 8-Sep, 6-Oct, 3-Nov and 2-Dec.

Method detection limit is 2.0 mg/L. For summary statistics, a result of "<2.0" is taken to have the value 1.0

The graphs on the following pages show BOD results for the period August 1987 to December 2003 (where data available).

