

Appendix C

Baseline Monitoring Results

Air Quality

Baseline Air Quality Monitoring Results

1-hour TSP Monitoring Results at Station GCA B1

Date	Starting Time	Concentration, $\mu\text{g}/\text{m}^3$			
		1st	2nd	3rd	Average
29-Nov-05	13:11	43.5	46.0	41.1	43.5
30-Nov-05	12:10	56.8	52.6	53.7	54.4
01-Dec-05	11:25	45.8	51.1	42.5	46.5
02-Dec-05	10:40	43.7	40.2	46.5	43.5
03-Dec-05	10:20	38.7	43.9	45.8	42.8
04-Dec-05	11:05	36.6	40.6	39.2	38.8
05-Dec-05	11:05	42.0	38.5	44.5	41.7
06-Dec-05	10:20	33.3	35.6	39.6	36.2
07-Dec-05	11:20	43.1	40.6	41.6	41.8
08-Dec-05	10:30	40.9	39.9	42.6	41.1
09-Dec-05	10:25	44.5	41.7	38.4	41.5
10-Dec-05	11:40	37.6	38.4	35.1	37.0
11-Dec-05	10:45	38.1	37.5	37.0	37.5
12-Dec-05	11:20	40.1	37.4	44.9	40.8
Min.					33.3
Max.					56.8
Average					41.9

Air Quality Monitoring Results

24-hour TSP Monitoring Results at Station GCA B1

Date	Filter Weight (g)		Flow Rate (m ³ /min.)		Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)	Weather Condition	Particulate weight(g)	Av. flow (m ³ /min)	Total vol. (m ³)
	Initial	Final	Initial	Final	Initial	Final						
29-Nov-05	3.6080	3.8812	1.32	1.32	9122.3	9145.8	23.4	147.2	Fine	0.27	1.32	1856.4
30-Nov-05	3.5461	3.7878	1.37	1.37	9145.8	9169.6	23.9	123.2	Cloudy	0.24	1.37	1961.3
01-Dec-05	3.5835	3.7326	1.29	1.29	9169.6	9193.6	24.0	80.1	Fine	0.15	1.29	1861.9
02-Dec-05	3.5702	3.6716	1.29	1.29	9193.6	9216.8	23.2	56.4	Fine	0.10	1.29	1797.5
03-Dec-05	3.5836	3.7584	1.29	1.29	9216.8	9240.8	24.0	94.0	Fine	0.17	1.29	1860.4
04-Dec-05	3.5643	3.7578	1.29	1.29	9240.8	9264.8	24.0	103.9	Fine	0.19	1.29	1861.9
05-Dec-05	3.5694	3.7268	1.29	1.29	9264.8	9288.1	23.3	87.0	Cloudy	0.16	1.29	1808.4
06-Dec-05	3.6085	3.7427	1.32	1.32	9288.1	9312.1	24.0	70.5	Cloudy	0.13	1.32	1903.7
07-Dec-05	3.6158	3.7533	1.29	1.29	9312.1	9336.0	24.0	74.0	Fine	0.14	1.29	1858.8
08-Dec-05	3.6010	3.7581	1.29	1.29	9336.0	9360.0	23.9	84.6	Fine	0.16	1.29	1858.0
09-Dec-05	3.5908	3.7386	1.35	1.35	9360.0	9384.0	24.0	76.0	Fine	0.15	1.35	1944.0
10-Dec-05	3.5759	3.7361	1.29	1.29	9384.0	9407.6	23.6	87.5	Fine	0.16	1.29	1831.7
11-Dec-05	3.5906	3.7508	1.35	1.35	9407.6	9431.6	24.0	82.4	Fine	0.16	1.35	1944.0
12-Dec-05	3.5914	3.7162	1.24	1.24	9431.6	9455.6	24.0	70.1	Fine	0.12	1.24	1779.8
								Min	56.4			
								Max	147.2			
								Average	88.3			

Water Quality

M_RO1		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	07:23	4.5	1.0	22.8	33.8	7.1	8.2	1.1
mid-ebb	28/11/2005	08:00	4.3	1.0	23.3	34.2	7.3	8.1	1.0
mid-ebb	30/11/2005	14:16	4.7	1.0	23.0	28.3	6.3	8.3	1.3
mid-ebb	02/12/2005	12:46	5.3	1.0	23.4	33.8	5.2	8.1	1.3
mid-ebb	05/12/2005	13:47	4.6	1.0	22.2	32.1	6.9	8.2	1.0
mid-ebb	07/12/2005	04:31	5.8	1.0	20.8	33.0	7.6	8.4	2.2
mid-ebb	09/12/2005	05:51	5.0	1.0	20.6	32.9	6.4	8.2	1.6
mid-ebb	12/12/2005	07:34	5.2	1.0	19.5	32.1	6.3	8.4	2.2
mid-ebb	14/12/2005	08:56	5.3	1.0	19.5	32.8	8.7	8.2	2.2
mid-ebb	16/12/2005	12:46	5.6	1.0	18.8	33.3	7.5	8.4	2.1
mid-ebb	19/12/2005	12:59	5.1	1.0	18.2	32.9	7.3	8.3	1.2
mid-ebb	21/12/2005	03:31	5.0	1.0	17.7	32.1	8.3	8.3	1.1
Average			5.0	1.0	20.8	32.6	7.1	8.3	1.5
Min			4.3	1.0	17.7	28.3	5.2	8.1	1.0
Max			5.8	1.0	23.4	34.2	8.7	8.4	2.2

M_RO1		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	16:18	4.5	1.0	23.5	33.8	8.0	8.0	1.0
mid-flood	28/11/2005	12:45	4.8	1.0	23.3	34.3	7.3	8.0	1.0
mid-flood	30/11/2005	09:01	5.2	1.0	23.1	34.0	6.1	8.3	1.1
mid-flood	02/12/2005	07:32	4.4	1.0	23.1	33.5	6.5	8.2	1.0
mid-flood	05/12/2005	08:31	4.0	1.0	22.3	32.3	7.3	8.3	1.2
mid-flood	07/12/2005	09:51	5.8	1.0	20.8	33.0	8.1	8.5	2.4
mid-flood	09/12/2005	10:49	5.8	1.0	20.4	32.5	7.2	8.3	1.7
mid-flood	12/12/2005	12:51	5.6	1.0	19.7	33.0	6.4	8.2	2.5
mid-flood	14/12/2005	14:16	5.2	1.0	19.6	33.3	5.6	8.5	2.1
mid-flood	16/12/2005	07:31	4.9	1.0	18.7	32.5	7.6	8.4	2.1
mid-flood	19/12/2005	08:07	5.1	1.0	17.7	32.3	7.6	8.4	2.5
mid-flood	21/12/2005	07:14	5.2	1.0	17.5	32.1	8.3	8.3	2.2
Average			5.0	1.0	20.8	33.1	7.2	8.3	1.7
Min			4.0	1.0	17.5	32.1	5.6	8.0	1.0
Max			5.8	1.0	23.5	34.3	8.3	8.5	2.5

BOLD value - < Detection Limit

M_RO1		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	07:22	4.5	3.5	22.8	33.8	7.1	8.2	1.0
mid-ebb	28/11/2005	07:59	4.3	2.1	23.2	33.7	7.3	8.1	1.0
mid-ebb	30/11/2005	14:15	4.7	3.7	23.0	33.8	5.6	8.2	1.0
mid-ebb	02/12/2005	12:45	5.3	4.3	23.1	33.8	5.1	8.1	1.1
mid-ebb	05/12/2005	13:46	4.6	3.6	22.2	32.0	6.9	8.2	1.4
mid-ebb	07/12/2005	04:30	5.8	4.8	20.8	33.1	7.7	8.3	2.1
mid-ebb	09/12/2005	05:50	5.0	4.0	20.5	32.9	6.4	8.2	2.5
mid-ebb	12/12/2005	07:33	5.2	4.2	19.6	32.8	6.2	8.4	1.5
mid-ebb	14/12/2005	08:55	5.3	4.3	19.4	32.8	8.6	8.2	1.3
mid-ebb	16/12/2005	12:45	5.6	4.6	18.6	33.2	7.5	8.4	1.9
mid-ebb	19/12/2005	12:58	5.1	4.1	18.0	32.9	7.3	8.3	1.2
mid-ebb	21/12/2005	03:30	5.0	4.0	17.5	32.2	8.1	8.3	1.5
Average			5.0	3.9	20.7	33.1	7.0	8.2	1.5
Min			4.3	2.1	17.5	32.0	5.1	8.1	1.0
Max			5.8	4.8	23.2	33.8	8.6	8.4	2.5

M_RO1		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	16:17	4.5	3.5	23.2	33.6	7.9	8.0	1.6
mid-flood	28/11/2005	12:44	4.8	3.8	23.3	34.2	7.4	8.0	3.1
mid-flood	30/11/2005	09:00	5.2	4.2	23.1	28.5	6.6	8.3	1.2
mid-flood	02/12/2005	07:31	4.4	3.4	22.9	33.5	7.2	8.3	1.0
mid-flood	05/12/2005	08:30	4.0	3.0	22.3	32.3	7.3	8.2	2.8
mid-flood	07/12/2005	09:50	5.8	4.8	20.4	33.0	8.4	8.5	8.7
mid-flood	09/12/2005	10:48	5.8	4.8	20.3	32.5	7.4	8.2	1.8
mid-flood	12/12/2005	12:50	5.6	4.6	19.7	32.8	6.2	8.3	2.0
mid-flood	14/12/2005	14:15	5.2	4.2	19.6	33.3	5.9	8.4	2.0
mid-flood	16/12/2005	07:30	4.9	3.9	18.5	32.5	7.5	8.4	3.4
mid-flood	19/12/2005	08:06	5.1	4.1	17.9	32.3	7.6	8.4	1.3
mid-flood	21/12/2005	07:13	5.2	4.2	17.7	32.5	8.2	8.3	1.6
Average			5.0	4.0	20.7	32.6	7.3	8.3	2.5
Min			4.0	3.0	17.7	28.5	5.9	8.0	1.0
Max			5.8	4.8	23.3	34.2	8.4	8.5	8.7

BOLD value - < Detection Limit

M RO1		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.8
mid-ebb	28/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.6
mid-ebb	30/11/2005	3	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	02/12/2005	3	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	05/12/2005	3	0.01	0.01	0.03	0.05	0.1	0.9
mid-ebb	07/12/2005	2	0.01	0.02	0.03	0.06	0.1	0.6
mid-ebb	09/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.1
mid-ebb	12/12/2005	6	0.01	0.01	0.01	0.03	0.1	1.0
mid-ebb	14/12/2005	4	0.01	0.01	0.01	0.03	0.1	1
mid-ebb	16/12/2005	2	0.01	0.02	0.01	0.04	0.1	0.5
mid-ebb	19/12/2005	3	0.01	0.01	0.02	0.04	0.1	0.6
mid-ebb	21/12/2005	2	0.01	0.01	0.09	0.11	0.1	1.2
Average		3	0.01	0.01	0.02	0.04	0.1	0.8
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		6	0.01	0.02	0.09	0.11	0.1	1.2
95%-ile		5	0.01	0.02	0.06	0.08	0.1	1.1
99%-ile		6	0.01	0.02	0.08	0.10	0.1	1.2

M RO1		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	5	0.01	0.01	0.01	0.03	0.1	1.0
mid-flood	28/11/2005	5	0.01	0.01	0.01	0.03	0.1	0.5
mid-flood	30/11/2005	2	0.01	0.01	0.02	0.04	0.1	0.5
mid-flood	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.6
mid-flood	05/12/2005	2	0.01	0.01	0.02	0.04	0.1	0.5
mid-flood	07/12/2005	3	0.02	0.02	0.03	0.07	0.1	0.8
mid-flood	09/12/2005	3	0.02	0.01	0.02	0.05	0.1	0.8
mid-flood	12/12/2005	6	0.02	0.01	0.02	0.05	0.1	1.1
mid-flood	14/12/2005	5	0.01	0.01	0.01	0.03	0.1	1.1
mid-flood	16/12/2005	2	0.01	0.02	0.01	0.04	0.1	0.8
mid-flood	19/12/2005	3	0.01	0.01	0.03	0.05	0.1	0.9
mid-flood	21/12/2005	2	0.01	0.01	0.08	0.10	0.1	1
Average		3	0.01	0.01	0.02	0.05	0.1	0.8
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		6	0.02	0.02	0.08	0.10	0.1	1.1
95%-ile		5	0.02	0.02	0.05	0.08	0.1	1.1
99%-ile		6	0.02	0.02	0.07	0.10	0.1	1.1

BOLD value - < Detection Limit

KLW		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	07:34	13.3	1.0	22.8	33.7	7.0	8.2	1.0
mid-ebb	28/11/2005	08:11	12.9	1.0	23.2	33.8	7.0	8.1	1.0
mid-ebb	30/11/2005	14:27	12.6	1.0	23.1	34.0	7.0	8.3	1.0
mid-ebb	02/12/2005	12:57	12.9	1.0	23.2	33.2	6.8	8.2	1.1
mid-ebb	05/12/2005	13:58	13.1	1.0	22.3	32.5	8.2	8.3	1.7
mid-ebb	07/12/2005	04:42	13.5	1.0	20.7	33.0	7.6	8.3	1.9
mid-ebb	09/12/2005	12:57	12.5	1.0	20.7	32.9	6.4	8.2	1.3
mid-ebb	12/12/2005	07:45	13.1	1.0	19.5	33.1	6.3	8.4	2.0
mid-ebb	14/12/2005	09:07	13.6	1.0	19.6	33.3	6.8	8.2	1.9
mid-ebb	16/12/2005	12:57	13.9	1.0	18.7	33.3	7.5	8.4	2.7
mid-ebb	19/12/2005	13:08	13.0	1.0	18.1	32.9	7.3	8.4	1.0
mid-ebb	21/12/2005	03:42	12.5	1.0	17.7	32.5	8.2	8.3	1.0
Average			13.1	1.0	20.8	33.2	7.2	8.3	1.5
Min			12.5	1.0	17.7	32.5	6.3	8.1	1.0
Max			13.9	1.0	23.2	34.0	8.2	8.4	2.7

KLW		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	16:29	12.6	1.0	22.6	33.7	6.6	8.3	1.0
mid-flood	28/11/2005	12:56	13.6	1.0	23.4	34.1	7.3	7.9	1.0
mid-flood	30/11/2005	09:12	13.5	1.0	23.1	33.8	6.1	8.3	1.0
mid-flood	02/12/2005	07:43	13.2	1.0	23.1	33.5	5.1	8.1	1.0
mid-flood	05/12/2005	08:42	13.4	1.0	22.2	32.3	6.6	8.3	1.8
mid-flood	07/12/2005	10:02	13.8	1.0	20.8	33.0	7.3	8.5	2.5
mid-flood	09/12/2005	08:00	13.9	1.0	20.4	32.5	7.0	8.3	1.4
mid-flood	12/12/2005	13:02	13.4	1.0	19.6	32.2	6.2	8.4	2.1
mid-flood	14/12/2005	14:27	13.7	1.0	19.6	32.8	7.1	8.5	2.8
mid-flood	16/12/2005	07:42	12.8	1.0	18.7	32.4	7.6	8.4	2.1
mid-flood	19/12/2005	08:02	13.3	1.0	17.8	32.4	7.7	8.4	1.2
mid-flood	21/12/2005	07:23	13.0	1.0	17.2	32.3	8.3	8.4	1.6
Average			13.4	1.0	20.7	32.9	6.9	8.3	1.6
Min			12.6	1.0	17.2	32.2	5.1	7.9	1.0
Max			13.9	1.0	23.4	34.1	8.3	8.5	2.8

BOLD value - < Detection Limit

KWL	Middle								
	tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH
mid-ebb	26/11/2005	07:33	13.3	6.6	22.8	34.4	6.9	8.2	1.0
mid-ebb	28/11/2005	08:10	12.9	6.5	23.1	28.8	7.0	8.1	1.0
mid-ebb	30/11/2005	14:26	12.6	6.3	23.1	34.1	7.0	8.3	1.0
mid-ebb	02/12/2005	12:56	12.9	6.5	23.0	33.8	6.4	8.1	1.0
mid-ebb	05/12/2005	13:57	13.1	6.6	22.5	32.9	7.1	8.2	1.9
mid-ebb	07/12/2005	04:41	13.5	6.8	20.8	33.1	7.4	8.4	2.0
mid-ebb	09/12/2005	12:56	12.5	6.3	20.3	32.9	6.1	8.2	1.3
mid-ebb	12/12/2005	07:44	13.1	6.6	19.5	32.1	6.4	8.4	1.8
mid-ebb	14/12/2005	09:06	13.6	6.8	19.6	32.8	6.6	8.2	2.2
mid-ebb	16/12/2005	12:56	13.9	6.9	18.6	33.3	7.5	8.4	4.6
mid-ebb	19/12/2005	13:07	13.0	6.5	17.8	32.9	7.2	8.4	1.1
mid-ebb	21/12/2005	03:41	12.5	6.2	17.8	32.3	8.1	8.3	1.5
Average			13.1	6.5	20.7	32.8	7.0	8.3	1.7
Min			12.5	6.2	17.8	28.8	6.1	8.1	1.0
Max			13.9	6.9	23.1	34.4	8.1	8.4	4.6

KWL	Middle								
	tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH
mid-flood	26/11/2005	16:28	12.6	6.3	22.6	34.0	7.0	8.1	1.0
mid-flood	28/11/2005	12:55	13.6	6.8	23.1	34.2	7.3	7.9	1.9
mid-flood	30/11/2005	09:11	13.5	6.8	23.1	33.8	6.0	8.3	1.0
mid-flood	02/12/2005	07:42	13.2	6.6	23.0	33.5	5.3	8.1	1.0
mid-flood	05/12/2005	08:41	13.4	6.7	22.3	32.7	6.8	8.3	2.5
mid-flood	07/12/2005	10:01	13.8	6.9	20.7	33.0	7.2	8.5	2.3
mid-flood	09/12/2005	07:59	13.9	7.0	20.4	32.5	7.0	8.3	1.6
mid-flood	12/12/2005	13:01	13.4	6.7	19.7	32.9	6.5	8.4	2.0
mid-flood	14/12/2005	14:26	13.7	6.9	19.6	33.3	6.9	8.5	2.7
mid-flood	16/12/2005	07:41	12.8	6.4	18.7	32.4	7.6	8.4	2.4
mid-flood	19/12/2005	08:01	13.3	6.6	17.7	32.5	7.7	8.4	1.0
mid-flood	21/12/2005	07:22	13.0	6.5	17.4	32.3	8.2	8.4	2.2
Average			13.4	6.7	20.7	33.1	7.0	8.3	1.8
Min			12.6	6.3	17.4	32.3	5.3	7.9	1.0
Max			13.9	7.0	23.1	34.2	8.2	8.5	2.7

BOLD value - < Detection Limit

KLW		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	07:32	13.3	12.3	22.4	34.4	6.7	8.2	2.3
mid-ebb	28/11/2005	08:09	12.9	12.9	23.1	33.1	6.8	8.1	2.5
mid-ebb	30/11/2005	14:25	12.6	11.6	23.1	34.0	7.1	8.3	1.0
mid-ebb	02/12/2005	12:55	12.9	11.9	22.9	33.8	6.6	8.1	1.0
mid-ebb	05/12/2005	13:56	13.1	12.1	22.1	32.5	6.7	8.3	1.5
mid-ebb	07/12/2005	04:40	13.5	12.5	20.4	33.1	7.3	8.4	1.9
mid-ebb	09/12/2005	12:55	12.5	11.5	20.1	32.9	6.2	8.2	1.5
mid-ebb	12/12/2005	07:43	13.1	12.1	19.5	32.7	6.8	8.2	1.8
mid-ebb	14/12/2005	09:05	13.6	12.6	19.6	32.8	6.9	8.2	2.2
mid-ebb	16/12/2005	12:55	12.8	11.8	18.6	32.4	7.5	8.3	3.9
mid-ebb	19/12/2005	13:06	13.0	12.0	17.7	32.9	7.2	8.4	1.1
mid-ebb	21/12/2005	03:40	12.5	11.5	17.7	32.5	8.3	8.3	1.9
Average			13.0	12.1	20.6	33.1	7.0	8.3	1.9
Min			12.5	11.5	17.7	32.4	6.2	8.1	1.0
Max			13.6	12.9	23.1	34.4	8.3	8.4	3.9

KLW		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	16:27	12.6	11.6	22.4	34.0	7.0	8.2	2.2
mid-flood	28/11/2005	12:54	13.6	12.6	23.0	34.2	7.3	7.9	2.1
mid-flood	30/11/2005	09:10	13.5	12.5	23.0	33.9	5.9	8.3	1.8
mid-flood	02/12/2005	07:41	13.2	12.2	22.9	33.5	5.3	8.1	1.0
mid-flood	05/12/2005	08:40	13.4	12.4	22.2	32.3	6.5	8.3	1.7
mid-flood	07/12/2005	10:00	13.8	12.8	20.6	32.9	7.3	8.5	2.5
mid-flood	09/12/2005	07:58	13.9	12.9	20.0	32.5	6.8	8.2	2.1
mid-flood	12/12/2005	13:00	13.4	12.4	19.5	32.6	6.6	8.3	2.0
mid-flood	14/12/2005	14:25	13.7	12.7	19.6	33.2	6.8	8.5	2.4
mid-flood	16/12/2005	07:40	13.9	12.9	18.6	33.3	7.4	8.4	3.2
mid-flood	19/12/2005	08:00	13.3	12.3	17.5	32.5	7.8	8.4	1.1
mid-flood	21/12/2005	07:21	13.0	12.0	17.1	32.3	8.0	8.3	2.1
Average			13.4	12.4	20.5	33.1	6.9	8.3	2.0
Min			12.6	11.6	17.1	32.3	5.3	7.9	1.0
Max			13.9	12.9	23.0	34.2	8.0	8.5	3.2

BOLD value - < Detection Limit

KLW		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.8
mid-ebb	28/11/2005	3	0.01	0.01	0.01	0.03	0.1	0.6
mid-ebb	30/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.7
mid-ebb	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	0.8
mid-ebb	07/12/2005	3	0.03	0.03	0.01	0.07	0.1	0.9
mid-ebb	09/12/2005	2	0.02	0.01	0.01	0.04	0.1	1.4
mid-ebb	12/12/2005	7	0.01	0.01	0.03	0.05	0.1	1.0
mid-ebb	14/12/2005	2	0.01	0.01	0.01	0.03	0.1	1
mid-ebb	16/12/2005	2	0.01	0.02	0.01	0.04	0.1	0.6
mid-ebb	19/12/2005	3	0.01	0.01	0.02	0.04	0.1	0.7
mid-ebb	21/12/2005	2	0.02	0.01	0.09	0.12	0.1	1
Average		3	0.01	0.01	0.02	0.05	0.1	0.8
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		7	0.03	0.03	0.09	0.12	0.1	1.4
95%-ile		5	0.02	0.02	0.06	0.09	0.1	1.2
99%-ile		7	0.03	0.03	0.08	0.11	0.1	1.4

KLW		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.7
mid-flood	28/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.6
mid-flood	30/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.7
mid-flood	02/12/2005	2	0.02	0.01	0.02	0.05	0.1	0.5
mid-flood	05/12/2005	5	0.01	0.01	0.04	0.06	0.1	1.9
mid-flood	07/12/2005	2	0.01	0.02	0.03	0.06	0.1	0.8
mid-flood	09/12/2005	3	0.01	0.01	0.02	0.04	0.1	0.7
mid-flood	12/12/2005	4	0.01	0.01	0.01	0.03	0.1	1.2
mid-flood	14/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.1
mid-flood	16/12/2005	3	0.01	0.01	0.02	0.04	0.1	0.8
mid-flood	19/12/2005	2	0.01	0.01	0.02	0.04	0.1	0.7
mid-flood	21/12/2005	2	0.01	0.01	0.09	0.11	0.1	1
Average		3	0.01	0.01	0.02	0.05	0.1	0.9
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		5	0.02	0.02	0.09	0.11	0.1	1.9
95%-ile		4	0.01	0.01	0.06	0.08	0.1	1.5
99%-ile		5	0.02	0.02	0.08	0.10	0.1	1.8

BOLD value - < Detection Limit

M A		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	07:56	7.3	1.0	22.5	33.4	7.3	8.2	1.6
mid-ebb	28/11/2005	08:33	7.6	1.0	22.9	32.5	7.4	8.0	1.7
mid-ebb	30/11/2005	14:49	7.2	1.0	23.1	34.0	7.4	8.3	2.0
mid-ebb	02/12/2005	13:19	7.3	1.0	23.0	33.6	7.4	8.2	1.7
mid-ebb	05/12/2005	14:20	7.3	1.0	22.1	33.0	6.6	8.2	1.9
mid-ebb	07/12/2005	05:04	7.2	1.0	20.5	33.1	7.0	8.4	2.2
mid-ebb	09/12/2005	13:19	7.4	1.0	19.5	32.6	7.2	8.3	1.1
mid-ebb	12/12/2005	08:07	7.3	1.0	19.1	32.7	6.3	8.4	1.3
mid-ebb	14/12/2005	09:29	8.2	1.0	18.8	33.1	7.6	8.3	2.2
mid-ebb	16/12/2005	13:19	7.9	1.0	18.7	33.2	7.5	8.4	1.7
mid-ebb	19/12/2005	13:25	7.6	1.0	17.3	33.0	7.3	8.3	1.1
mid-ebb	21/12/2005	04:02	7.6	1.0	17.7	32.4	8.0	8.3	1.5
Average			7.5	1.0	20.4	33.1	7.3	8.3	1.7
Min			7.2	1.0	17.3	32.4	6.3	8.0	1.1
Max			8.2	1.0	23.1	34.0	8.0	8.4	2.2

M A		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	16:51	7.8	1.0	22.9	33.6	7.2	8.2	1.3
mid-flood	28/11/2005	13:18	7.7	1.0	23.5	34.1	6.8	8.1	3.1
mid-flood	30/11/2005	09:34	7.9	1.0	23.0	32.1	7.3	8.1	2.0
mid-flood	02/12/2005	08:05	7.4	1.0	22.7	32.5	7.6	8.2	1.6
mid-flood	05/12/2005	09:04	7.3	1.0	22.0	32.7	6.4	8.3	1.5
mid-flood	07/12/2005	10:24	7.5	1.0	20.2	33.0	6.6	8.5	2.3
mid-flood	09/12/2005	08:22	6.3	1.0	20.0	33.0	6.3	8.1	2.2
mid-flood	12/12/2005	13:24	7.2	1.0	19.4	32.6	6.2	8.3	1.9
mid-flood	14/12/2005	14:49	7.9	1.0	18.9	33.3	5.3	8.4	2.2
mid-flood	16/12/2005	08:04	7.6	1.0	18.4	33.0	7.6	8.4	1.7
mid-flood	19/12/2005	08:30	7.2	1.0	17.1	32.7	7.1	8.4	1.0
mid-flood	21/12/2005	07:46	7.6	1.0	17.8	32.8	8.3	8.4	2.0
Average			7.5	1.0	20.5	33.0	6.9	8.3	1.9
Min			6.3	1.0	17.1	32.1	5.3	8.1	1.0
Max			7.9	1.0	23.5	34.1	8.3	8.5	3.1

BOLD value - < Detection Limit

M A		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	07:55	7.3	3.6	22.4	33.4	7.3	8.2	2.0
mid-ebb	28/11/2005	08:32	7.6	3.8	22.9	32.5	7.3	8.0	2.9
mid-ebb	30/11/2005	14:48	7.2	3.6	23.1	34.0	7.2	8.3	1.9
mid-ebb	02/12/2005	13:18	7.3	3.6	22.9	33.7	6.7	8.2	1.7
mid-ebb	05/12/2005	14:19	7.3	3.6	22.0	32.9	6.6	8.3	1.5
mid-ebb	07/12/2005	05:03	7.2	3.6	20.4	33.2	6.8	8.3	2.1
mid-ebb	09/12/2005	13:18	7.4	3.7	19.5	32.6	5.7	8.3	2.0
mid-ebb	12/12/2005	08:06	7.3	3.6	19.3	32.8	5.9	8.2	2.2
mid-ebb	14/12/2005	09:28	8.2	4.1	18.9	33.0	5.6	8.3	2.1
mid-ebb	16/12/2005	13:18	7.9	3.9	18.4	33.0	7.6	8.4	2.0
mid-ebb	19/12/2005	13:24	7.6	3.8	17.1	33.0	7.3	8.3	1.8
mid-ebb	21/12/2005	04:01	7.6	3.8	17.6	32.5	8.1	8.3	2.2
Average			7.5	3.7	20.4	33.1	6.8	8.3	2.0
Min			7.2	3.6	17.1	32.5	5.6	8.0	1.5
Max			8.2	4.1	23.1	34.0	8.1	8.4	2.9

M A		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	16:50	7.8	3.9	22.7	33.6	7.1	8.2	1.5
mid-flood	28/11/2005	13:17	7.7	3.8	23.0	31.4	6.8	8.1	3.2
mid-flood	30/11/2005	09:33	7.9	3.9	22.9	32.1	7.5	8.1	2.1
mid-flood	02/12/2005	08:04	7.4	3.7	22.7	32.5	7.8	8.2	1.4
mid-flood	05/12/2005	09:03	7.3	3.6	22.0	32.7	6.4	8.3	1.3
mid-flood	07/12/2005	10:23	7.5	3.7	20.2	33.0	6.6	8.5	1.6
mid-flood	09/12/2005	08:21	6.3	3.1	19.5	33.0	6.3	8.1	3.0
mid-flood	12/12/2005	13:23	7.2	3.6	19.5	33.0	6.5	8.2	2.2
mid-flood	14/12/2005	14:48	8.2	4.1	18.9	33.0	7.6	8.3	2.1
mid-flood	16/12/2005	08:03	7.6	3.8	18.4	33.0	7.6	8.3	2.0
mid-flood	19/12/2005	08:29	7.2	3.6	17.0	32.7	7.2	8.4	1.0
mid-flood	21/12/2005	07:45	7.6	3.8	17.7	32.7	8.2	8.4	1.6
Average			7.5	3.7	20.4	32.7	7.1	8.3	1.9
Min			6.3	3.1	17.0	31.4	6.3	8.1	1.0
Max			8.2	4.1	23.0	33.6	8.2	8.5	3.2

BOLD value - < Detection Limit

M A		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	07:54	7.3	6.3	22.6	33.2	7.4	8.2	2.1
mid-ebb	28/11/2005	08:31	7.6	6.6	22.9	32.5	7.4	8.0	3.4
mid-ebb	30/11/2005	14:47	7.2	6.2	23.0	34.0	7.4	8.3	2.0
mid-ebb	02/12/2005	13:17	7.3	6.3	22.9	33.5	6.8	8.2	2.4
mid-ebb	05/12/2005	14:18	7.3	6.3	21.6	32.8	6.4	8.3	2.1
mid-ebb	07/12/2005	05:02	7.2	6.2	20.3	33.1	6.9	8.3	2.1
mid-ebb	09/12/2005	13:17	7.4	6.4	19.5	32.6	7.1	8.2	2.0
mid-ebb	12/12/2005	08:05	7.3	6.3	19.4	32.9	6.9	8.2	2.1
mid-ebb	14/12/2005	09:27	8.2	7.2	18.9	33.1	7.7	8.3	1.6
mid-ebb	16/12/2005	13:17	7.9	6.9	16.8	33.3	7.7	8.3	6.5
mid-ebb	19/12/2005	13:23	7.6	6.6	16.7	33.0	7.4	8.3	6.2
mid-ebb	21/12/2005	04:00	7.6	6.6	17.1	32.2	8.3	8.3	4.5
Average			7.5	6.5	20.1	33.0	7.3	8.2	3.1
Min			7.2	6.2	16.7	32.2	6.4	8.0	1.6
Max			8.2	7.2	23.0	34.0	8.3	8.3	6.5

M A		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	16:49	7.8	6.8	22.7	33.6	7.3	8.3	2.0
mid-flood	28/11/2005	13:16	7.7	6.7	23.0	34.1	6.7	8.1	2.9
mid-flood	30/11/2005	09:32	7.9	6.9	22.9	22.3	7.8	8.1	2.1
mid-flood	02/12/2005	08:03	7.4	6.4	22.6	32.5	7.7	8.2	3.0
mid-flood	05/12/2005	09:02	7.3	6.3	21.9	32.7	6.4	8.3	2.5
mid-flood	07/12/2005	10:22	7.5	6.5	20.2	33.0	6.6	8.5	2.2
mid-flood	09/12/2005	08:20	6.3	5.3	19.4	33.0	6.2	8.1	3.2
mid-flood	12/12/2005	13:22	7.2	3.6	19.6	32.8	6.8	8.2	2.5
mid-flood	14/12/2005	14:47	8.2	7.2	18.9	33.1	7.7	8.3	1.6
mid-flood	16/12/2005	08:02	7.6	6.6	18.3	33.0	7.6	8.4	1.8
mid-flood	19/12/2005	08:28	7.2	6.2	16.8	32.8	7.2	8.3	2.4
mid-flood	21/12/2005	07:44	7.6	6.6	17.7	32.3	8.2	8.4	2.5
Average			7.5	6.3	20.3	32.1	7.2	8.3	2.4
Min			6.3	3.6	16.8	22.3	6.2	8.1	1.6
Max			8.2	7.2	23.0	34.1	8.2	8.5	3.2

BOLD value - < Detection Limit

M A		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	28/11/2005	3	0.01	0.01	0.01	0.03	0.1	0.7
mid-ebb	30/11/2005	3	0.01	0.01	0.01	0.03	0.1	0.8
mid-ebb	02/12/2005	15	0.04	0.01	0.02	0.07	0.1	1.0
mid-ebb	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.4
mid-ebb	07/12/2005	5	0.02	0.02	0.03	0.07	0.1	0.7
mid-ebb	09/12/2005	5	0.01	0.01	0.02	0.04	0.1	1.8
mid-ebb	12/12/2005	4	0.01	0.01	0.02	0.04	0.1	1.1
mid-ebb	14/12/2005	3	0.01	0.01	0.01	0.03	0.1	1
mid-ebb	16/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.6
mid-ebb	19/12/2005	3	0.01	0.01	0.01	0.03	0.1	1
mid-ebb	21/12/2005	2	0.01	0.01	0.08	0.10	0.1	1.1
Average		4	0.01	0.01	0.02	0.05	0.1	1.0
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		15	0.04	0.02	0.08	0.10	0.1	1.8
95%-ile		9	0.03	0.01	0.05	0.08	0.1	1.6
99%-ile		14	0.04	0.02	0.07	0.10	0.1	1.8

M A		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	3	0.01	0.01	0.02	0.04	0.1	0.9
mid-flood	28/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.7
mid-flood	30/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.6
mid-flood	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.9
mid-flood	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.5
mid-flood	07/12/2005	2	0.02	0.02	0.02	0.06	0.1	1.0
mid-flood	09/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.2
mid-flood	12/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.0
mid-flood	14/12/2005	3	0.01	0.01	0.01	0.03	0.1	1.2
mid-flood	16/12/2005	2	0.01	0.01	0.02	0.04	0.1	0.7
mid-flood	19/12/2005	2	0.01	0.01	0.02	0.04	0.1	0.9
mid-flood	21/12/2005	2	0.01	0.01	0.08	0.10	0.1	1.1
Average		2	0.01	0.01	0.02	0.04	0.1	1.1
Min		2	0.01	0.01	0.01	0.03	0.1	0.7
Max		3	0.02	0.02	0.08	0.10	0.1	1.6
95%-ile		3	0.01	0.01	0.05	0.08	0.1	1.5
99%-ile		3	0.02	0.02	0.07	0.10	0.1	1.6

BOLD value - < Detection Limit

M Marsh		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:10	7.2	1.0	22.9	33.7	7.2	8.2	1.4
mid-ebb	28/11/2005	08:47	7.2	1.0	23.0	32.6	7.2	8.1	1.3
mid-ebb	30/11/2005	15:03	7.8	1.0	23.2	34.0	6.6	8.3	2.4
mid-ebb	02/12/2005	13:33	7.6	1.0	22.8	32.5	6.6	8.2	1.4
mid-ebb	05/12/2005	14:34	7.3	1.0	21.5	33.0	7.0	8.3	1.6
mid-ebb	07/12/2005	05:18	7.9	1.0	19.8	33.2	6.6	8.4	2.4
mid-ebb	09/12/2005	13:33	8.1	1.0	20.0	32.6	7.1	8.3	1.6
mid-ebb	12/12/2005	08:21	7.7	1.0	19.0	32.9	6.2	8.4	1.9
mid-ebb	14/12/2005	09:43	8.5	1.0	18.7	33.1	7.2	8.3	1.5
mid-ebb	16/12/2005	13:33	7.9	1.0	18.3	33.3	7.6	8.4	1.7
mid-ebb	19/12/2005	13:40	7.7	1.0	17.8	32.9	7.3	8.4	1.2
mid-ebb	21/12/2005	04:14	7.9	1.0	17.6	32.1	8.3	8.3	1.6
Average			7.7	1.0	20.4	33.0	7.1	8.3	1.7
Min			7.2	1.0	17.6	32.1	6.2	8.1	1.2
Max			8.5	1.0	23.2	34.0	8.3	8.4	2.4

M Marsh		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:05	7.2	1.0	23.2	33.4	7.6	8.2	1.3
mid-flood	28/11/2005	13:32	7.8	1.0	23.5	34.2	6.8	8.1	1.6
mid-flood	30/11/2005	09:48	7.9	1.0	23.0	32.2	7.0	8.2	1.4
mid-flood	02/12/2005	08:19	7.7	1.0	22.8	32.5	6.6	8.2	1.4
mid-flood	05/12/2005	09:18	7.5	1.0	21.4	32.8	6.9	8.3	1.9
mid-flood	07/12/2005	10:38	7.7	1.0	19.4	33.2	6.2	8.4	3.2
mid-flood	09/12/2005	08:36	8.0	1.0	20.7	33.1	6.3	8.2	1.9
mid-flood	12/12/2005	13:38	7.7	1.0	19.1	33.2	6.4	8.3	1.7
mid-flood	14/12/2005	15:03	8.0	1.0	18.7	33.4	7.2	8.4	2.3
mid-flood	16/12/2005	08:18	8.3	1.0	17.5	33.4	7.6	8.4	2.0
mid-flood	19/12/2005	08:43	8.2	1.0	17.5	32.9	7.0	8.4	1.0
mid-flood	21/12/2005	07:56	8.0	1.0	17.6	32.6	8.2	8.3	1.3
Average			7.8	1.0	20.4	33.1	7.0	8.3	1.8
Min			7.2	1.0	17.5	32.2	6.2	8.1	1.0
Max			8.3	1.0	23.5	34.2	8.2	8.4	3.2

BOLD value - < Detection Limit

M Marsh		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:09	7.2	3.6	22.8	33.7	7.1	8.2	1.6
mid-ebb	28/11/2005	08:46	7.2	3.6	23.0	32.6	7.1	8.1	1.3
mid-ebb	30/11/2005	15:02	7.8	3.9	23.2	34.0	6.2	8.3	2.4
mid-ebb	02/12/2005	13:32	7.6	3.8	23.3	32.7	6.8	8.2	1.6
mid-ebb	05/12/2005	14:33	7.3	3.6	21.7	32.9	6.7	8.3	2.0
mid-ebb	07/12/2005	05:17	7.9	3.9	19.7	33.2	6.6	8.4	3.3
mid-ebb	09/12/2005	13:32	8.1	4.0	19.9	32.6	7.0	8.3	1.6
mid-ebb	12/12/2005	08:20	7.7	3.8	19.4	33.1	6.8	8.2	2.1
mid-ebb	14/12/2005	09:42	8.5	4.2	18.7	33.1	7.3	8.3	2.2
mid-ebb	16/12/2005	13:32	7.9	3.9	17.6	33.3	7.6	8.3	2.1
mid-ebb	19/12/2005	13:39	7.7	3.8	17.7	32.9	7.2	8.4	1.1
mid-ebb	21/12/2005	04:13	7.9	3.8	17.5	32.6	8.2	8.3	1.5
Average			7.7	3.8	20.4	33.1	7.1	8.3	1.9
Min			7.2	3.6	17.5	32.6	6.2	8.1	1.1
Max			8.5	4.2	23.3	34.0	8.2	8.4	3.3

M Marsh		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:04	7.2	3.6	23.4	33.5	7.7	8.2	1.8
mid-flood	28/11/2005	13:31	7.8	3.9	23.2	34.1	6.8	8.1	2.7
mid-flood	30/11/2005	09:47	7.9	3.9	23.0	32.2	7.1	8.2	1.4
mid-flood	02/12/2005	08:18	7.7	3.8	22.9	32.5	6.7	8.2	2.2
mid-flood	05/12/2005	09:17	7.5	3.7	21.6	32.7	7.0	8.2	2.1
mid-flood	07/12/2005	10:37	7.7	3.8	19.5	30.2	6.3	8.4	2.7
mid-flood	09/12/2005	08:35	8.0	4.0	20.5	33.1	6.2	8.2	2.0
mid-flood	12/12/2005	13:37	7.7	3.8	19.6	33.2	6.5	8.3	2.2
mid-flood	14/12/2005	15:02	8.0	4.0	18.7	33.3	7.2	8.4	2.3
mid-flood	16/12/2005	08:17	8.3	4.1	17.5	33.4	7.6	8.4	1.8
mid-flood	19/12/2005	08:42	8.2	4.1	17.3	32.8	7.0	8.4	1.0
mid-flood	21/12/2005	07:55	8.0	4.0	17.6	32.5	8.4	8.3	2.0
Average			7.8	3.9	20.4	32.8	7.0	8.3	2.0
Min			7.2	3.6	17.3	30.2	6.2	8.1	1.0
Max			8.3	4.1	23.4	34.1	8.4	8.4	2.7

BOLD value - < Detection Limit

M Marsh		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:08	7.2	6.2	22.7	33.7	7.0	8.2	1.4
mid-ebb	28/11/2005	08:45	7.2	6.2	23.0	32.7	7.2	8.1	2.4
mid-ebb	30/11/2005	15:01	7.8	6.8	23.2	34.0	6.3	8.3	2.8
mid-ebb	02/12/2005	13:31	7.6	6.6	23.3	33.5	6.6	8.2	1.7
mid-ebb	05/12/2005	14:32	7.3	6.3	21.7	33.0	6.9	8.3	2.0
mid-ebb	07/12/2005	05:16	7.9	6.9	19.6	33.3	6.4	8.4	3.1
mid-ebb	09/12/2005	13:31	8.1	7.0	19.8	32.6	7.0	8.3	1.7
mid-ebb	12/12/2005	08:19	7.7	6.7	19.4	33.4	6.8	8.2	2.5
mid-ebb	14/12/2005	09:41	8.5	7.5	18.8	33.1	7.3	8.3	2.5
mid-ebb	16/12/2005	13:31	7.9	6.9	17.7	33.1	7.7	8.3	2.4
mid-ebb	19/12/2005	13:38	7.7	6.7	17.7	32.9	7.2	8.4	1.0
mid-ebb	21/12/2005	04:12	7.9	6.9	17.5	32.1	8.4	8.3	2.0
Average			7.7	6.7	20.4	33.1	7.1	8.3	2.1
Min			7.2	6.2	17.5	32.1	6.3	8.1	1.0
Max			8.5	7.5	23.3	34.0	8.4	8.4	3.1

M Marsh		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:03	7.2	6.2	23.0	33.6	7.0	8.2	2.1
mid-flood	28/11/2005	13:30	7.8	6.8	23.0	31.1	6.9	8.1	2.4
mid-flood	30/11/2005	09:46	7.9	6.9	23.0	32.2	7.0	8.2	1.8
mid-flood	02/12/2005	08:17	7.7	6.7	22.8	32.5	6.8	8.2	2.2
mid-flood	05/12/2005	09:16	7.5	6.5	21.8	32.9	6.9	8.3	2.1
mid-flood	07/12/2005	10:36	7.7	6.7	19.4	33.2	6.3	8.4	3.3
mid-flood	09/12/2005	08:34	8.0	7.0	20.2	33.1	6.2	8.2	2.5
mid-flood	12/12/2005	13:36	7.7	6.7	19.6	33.5	6.3	8.2	2.4
mid-flood	14/12/2005	15:01	8.0	7.0	18.7	33.4	7.2	8.4	2.5
mid-flood	16/12/2005	08:16	8.3	7.3	17.4	33.4	7.6	8.3	2.1
mid-flood	19/12/2005	08:41	8.2	7.2	17.3	32.8	7.0	8.4	1.0
mid-flood	21/12/2005	07:54	8.0	7.0	17.8	32.8	8.1	8.3	2.1
Average			7.8	6.8	20.3	32.9	6.9	8.3	2.2
Min			7.2	6.2	17.3	31.1	6.2	8.1	1.0
Max			8.3	7.3	23.0	33.6	8.1	8.4	3.3

BOLD value - < Detection Limit

M Marsh		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.6
mid-ebb	28/11/2005	3	0.01	0.01	0.01	0.03	0.1	0.8
mid-ebb	30/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.2
mid-ebb	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.2
mid-ebb	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.4
mid-ebb	07/12/2005	2	0.02	0.02	0.01	0.05	0.1	0.7
mid-ebb	09/12/2005	3	0.02	0.01	0.02	0.05	0.1	1.8
mid-ebb	12/12/2005	3	0.01	0.01	0.01	0.03	0.1	0.8
mid-ebb	14/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.7
mid-ebb	16/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	19/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.1
mid-ebb	21/12/2005	2	0.02	0.01	0.09	0.12	0.1	1.3
Average		2	0.01	0.01	0.02	0.04	0.1	1.0
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		3	0.02	0.02	0.09	0.12	0.1	1.8
95%-ile		3	0.02	0.01	0.05	0.08	0.1	1.6
99%-ile		3	0.02	0.02	0.08	0.11	0.1	1.8

M Marsh		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	4	0.01	0.01	0.01	0.03	0.1	1.3
mid-flood	28/11/2005	3	0.01	0.01	0.01	0.03	0.1	1.4
mid-flood	30/11/2005	4	0.01	0.01	0.01	0.03	0.1	3.4
mid-flood	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.7
mid-flood	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	0.8
mid-flood	07/12/2005	3	0.02	0.01	0.02	0.05	0.1	1.0
mid-flood	09/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.0
mid-flood	12/12/2005	3	0.01	0.01	0.01	0.03	0.1	1.0
mid-flood	14/12/2005	3	0.01	0.01	0.01	0.03	0.1	1.1
mid-flood	16/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.7
mid-flood	19/12/2005	4	0.01	0.01	0.03	0.05	0.1	0.7
mid-flood	21/12/2005	2	0.01	0.01	0.08	0.10	0.1	1.2
Average		3	0.01	0.01	0.02	0.04	0.1	1.3
Min		2	0.01	0.01	0.01	0.03	0.1	0.7
Max		4	0.02	0.01	0.08	0.10	0.1	3.4
95%-ile		4	0.01	0.01	0.05	0.07	0.1	2.5
99%-ile		4	0.02	0.01	0.07	0.09	0.1	3.2

BOLD value - < Detection Limit

TTC		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:20	9.3	1.0	23.0	33.7	7.2	8.2	1.8
mid-ebb	28/11/2005	08:57	9.7	1.0	23.1	32.7	7.3	8.1	1.6
mid-ebb	30/11/2005	15:13	10.0	1.0	23.2	34.0	7.2	8.3	2.0
mid-ebb	02/12/2005	13:43	9.9	1.0	23.4	33.2	6.8	8.2	1.5
mid-ebb	05/12/2005	14:44	9.7	1.0	21.7	32.9	7.0	8.3	1.6
mid-ebb	07/12/2005	05:28	9.3	1.0	19.7	33.2	6.5	8.4	2.0
mid-ebb	09/12/2005	13:43	9.5	1.0	20.2	32.7	6.8	8.3	1.3
mid-ebb	12/12/2005	08:31	9.3	1.0	19.2	32.6	6.8	8.2	1.9
mid-ebb	14/12/2005	09:53	9.9	1.0	18.7	33.5	6.9	8.4	1.9
mid-ebb	16/12/2005	13:43	9.8	1.0	18.0	33.4	7.7	8.4	2.7
mid-ebb	19/12/2005	13:50	9.9	1.0	17.7	33.1	7.2	8.4	1.0
mid-ebb	21/12/2005	04:42	10.0	1.0	17.3	32.6	8.3	8.4	1.5
Average			9.7	1.0	20.4	33.1	7.1	8.3	1.7
Min			9.3	1.0	17.3	32.6	6.5	8.1	1.0
Max			10.0	1.0	23.4	34.0	8.3	8.4	2.7

TTC		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:15	9.0	1.0	23.7	33.6	7.1	8.2	1.1
mid-flood	28/11/2005	13:42	10.0	1.0	23.6	34.3	7.1	8.2	1.6
mid-flood	30/11/2005	09:58	10.1	1.0	23.2	32.4	6.8	8.2	3.4
mid-flood	02/12/2005	08:29	9.7	1.0	22.9	32.6	6.6	8.2	1.5
mid-flood	05/12/2005	09:28	9.9	1.0	21.5	32.6	7.1	8.3	1.1
mid-flood	07/12/2005	10:48	9.0	1.0	19.5	33.3	6.1	8.4	1.7
mid-flood	09/12/2005	08:46	8.8	1.0	20.8	33.1	6.2	8.3	1.9
mid-flood	12/12/2005	13:48	9.0	1.0	19.4	33.1	6.5	8.2	2.0
mid-flood	14/12/2005	15:13	9.8	1.0	18.8	33.2	6.3	8.4	1.9
mid-flood	16/12/2005	08:28	9.6	1.0	17.5	33.6	7.7	8.4	1.6
mid-flood	19/12/2005	08:49	9.5	1.0	17.5	32.8	7.0	8.4	1.0
mid-flood	21/12/2005	08:06	9.9	1.0	17.6	32.1	8.0	8.3	1.5
Average			9.5	1.0	20.5	33.1	6.9	8.3	1.7
Min			8.8	1.0	17.5	32.1	6.1	8.2	1.0
Max			10.1	1.0	23.7	34.3	8.0	8.4	3.4

BOLD value - < Detection Limit

TTC		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:19	9.3	4.6	22.9	33.7	6.8	8.1	2.8
mid-ebb	28/11/2005	08:56	9.7	4.8	23.1	32.8	7.2	8.1	1.5
mid-ebb	30/11/2005	15:12	10.0	5.0	23.1	34.0	6.8	8.3	2.1
mid-ebb	02/12/2005	13:42	9.9	4.9	23.1	33.6	7.0	8.2	1.5
mid-ebb	05/12/2005	14:43	9.7	4.8	21.6	33.1	7.1	8.3	1.9
mid-ebb	07/12/2005	05:27	9.3	4.6	19.7	33.2	6.6	8.4	1.9
mid-ebb	09/12/2005	13:42	9.5	4.7	20.1	32.7	6.8	8.3	1.5
mid-ebb	12/12/2005	08:30	9.3	4.6	19.3	32.8	6.6	8.2	2.0
mid-ebb	14/12/2005	09:52	9.9	4.9	18.8	33.2	5.3	8.3	1.8
mid-ebb	16/12/2005	13:42	9.8	4.9	17.5	33.4	7.6	8.4	1.7
mid-ebb	19/12/2005	13:49	9.9	4.9	17.6	33.1	7.1	8.4	1.3
mid-ebb	21/12/2005	04:21	10.0	5.0	17.5	32.3	8.2	8.3	2.0
Average			9.7	4.8	20.4	33.2	6.9	8.3	1.8
Min			9.3	4.6	17.5	32.3	5.3	8.1	1.3
Max			10.0	5.0	23.1	34.0	8.2	8.4	2.8

TTC		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:14	9.0	4.5	23.5	33.6	7.1	8.2	2.1
mid-flood	28/11/2005	13:41	10.0	5.0	23.1	32.3	7.1	8.1	2.0
mid-flood	30/11/2005	09:57	10.1	5.0	23.2	32.4	7.1	8.2	4.2
mid-flood	02/12/2005	08:28	9.7	4.8	22.9	32.5	6.6	8.2	1.4
mid-flood	05/12/2005	09:27	9.9	4.9	21.7	32.8	6.9	8.2	2.0
mid-flood	07/12/2005	10:47	9.0	4.5	19.5	33.3	6.1	8.4	1.9
mid-flood	09/12/2005	08:45	8.8	4.4	20.5	33.1	6.2	8.3	2.0
mid-flood	12/12/2005	13:47	9.0	4.5	19.6	33.3	6.4	8.3	2.1
mid-flood	14/12/2005	15:12	9.8	4.9	18.7	33.5	6.9	8.4	2.0
mid-flood	16/12/2005	08:27	9.6	4.8	17.5	33.6	7.7	8.4	1.8
mid-flood	19/12/2005	08:48	9.5	4.7	17.5	32.8	7.0	8.4	1.0
mid-flood	21/12/2005	08:05	9.9	4.9	17.6	32.6	8.2	8.3	1.7
Average			9.5	4.7	20.4	33.0	6.9	8.3	2.0
Min			8.8	4.4	17.5	32.3	6.1	8.1	1.0
Max			10.1	5.0	23.5	33.6	8.2	8.4	4.2

BOLD value - < Detection Limit

TTC		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:18	9.3	8.3	22.8	33.7	6.5	8.1	2.3
mid-ebb	28/11/2005	08:55	9.7	8.7	23.1	32.8	7.1	8.1	3.2
mid-ebb	30/11/2005	15:11	10.0	9.0	23.1	34.0	6.5	8.3	2.2
mid-ebb	02/12/2005	13:41	9.9	8.9	22.9	33.6	6.9	8.2	2.4
mid-ebb	05/12/2005	14:42	9.7	8.7	21.6	33.1	7.2	8.3	2.1
mid-ebb	07/12/2005	05:26	9.3	8.3	19.7	33.2	6.5	8.4	2.0
mid-ebb	09/12/2005	13:41	9.5	8.5	20.0	32.7	6.8	8.3	2.3
mid-ebb	12/12/2005	08:29	9.3	8.3	19.5	32.9	6.7	8.3	2.5
mid-ebb	14/12/2005	09:51	9.9	8.9	18.7	33.1	7.3	8.3	1.3
mid-ebb	16/12/2005	13:41	9.8	8.8	17.4	33.4	7.5	8.4	1.0
mid-ebb	19/12/2005	13:48	9.9	8.9	17.4	33.1	7.1	8.4	2.7
mid-ebb	21/12/2005	04:20	10.0	9.0	17.4	32.1	8.4	8.3	2.5
Average			9.7	8.7	20.3	33.1	7.0	8.3	2.2
Min			9.3	8.3	17.4	32.1	6.5	8.1	1.0
Max			10.0	9.0	23.1	34.0	8.4	8.4	3.2

TTC		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:13	9.0	8.0	23.4	33.6	7.5	8.2	2.2
mid-flood	28/11/2005	13:40	10.0	9.0	23.1	34.2	7.1	8.1	2.8
mid-flood	30/11/2005	09:56	10.1	9.1	23.2	32.5	7.0	8.2	2.3
mid-flood	02/12/2005	08:27	9.7	8.7	22.9	32.5	6.5	8.2	1.9
mid-flood	05/12/2005	09:26	9.9	8.9	21.6	32.7	6.9	8.3	2.2
mid-flood	07/12/2005	10:46	9.0	8.0	19.5	33.3	6.1	8.4	2.2
mid-flood	09/12/2005	08:44	8.8	7.8	20.0	33.1	6.7	8.2	2.3
mid-flood	12/12/2005	13:46	9.0	8.0	19.7	33.4	6.8	8.3	2.4
mid-flood	14/12/2005	15:11	9.8	8.8	18.6	33.5	6.9	8.4	2.0
mid-flood	16/12/2005	08:26	9.6	8.6	17.5	33.6	7.7	8.4	2.7
mid-flood	19/12/2005	08:47	9.5	8.5	17.3	32.9	7.0	8.4	1.0
mid-flood	21/12/2005	08:04	9.9	8.9	17.7	32.4	8.3	8.4	2.2
Average			9.5	8.5	20.4	33.1	7.0	8.3	2.2
Min			8.8	7.8	17.3	32.4	6.1	8.1	1.0
Max			10.1	9.1	23.4	34.2	8.3	8.4	2.8

BOLD value - < Detection Limit

TTC		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.2
mid-ebb	28/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	30/11/2005	4	0.01	0.01	0.01	0.03	0.1	2.1
mid-ebb	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.2
mid-ebb	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.1
mid-ebb	07/12/2005	3	0.03	0.02	0.02	0.07	0.1	0.6
mid-ebb	09/12/2005	3	0.02	0.01	0.02	0.05	0.1	2.1
mid-ebb	12/12/2005	4	0.01	0.01	0.01	0.03	0.1	1.0
mid-ebb	14/12/2005	3	0.01	0.01	0.02	0.04	0.1	0.9
mid-ebb	16/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	19/12/2005	2	0.01	0.01	0.02	0.04	0.1	0.9
mid-ebb	21/12/2005	3	0.02	0.01	0.09	0.12	0.1	0.9
Average		3	0.01	0.01	0.02	0.05	0.1	1.1
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		4	0.03	0.02	0.09	0.12	0.1	2.1
95%-ile		4	0.02	0.01	0.05	0.09	0.1	2.1
99%-ile		4	0.03	0.02	0.08	0.11	0.1	2.1

TTC		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	5	0.01	0.01	0.01	0.03	0.1	1.4
mid-flood	28/11/2005	3	0.01	0.01	0.01	0.03	0.1	1.2
mid-flood	30/11/2005	3	0.01	0.01	0.01	0.03	0.1	2.5
mid-flood	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.8
mid-flood	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.0
mid-flood	07/12/2005	2	0.02	0.01	0.02	0.05	0.1	0.9
mid-flood	09/12/2005	3	0.02	0.02	0.01	0.05	0.1	0.8
mid-flood	12/12/2005	4	0.01	0.01	0.01	0.03	0.1	1.1
mid-flood	14/12/2005	4	0.01	0.01	0.01	0.03	0.1	1.2
mid-flood	16/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.1
mid-flood	19/12/2005	2	0.01	0.01	0.03	0.05	0.1	1.1
mid-flood	21/12/2005	2	0.02	0.01	0.09	0.12	0.1	1.1
Average		3	0.01	0.01	0.02	0.04	0.1	1.3
Min		2	0.01	0.01	0.01	0.03	0.1	0.8
Max		5	0.02	0.02	0.09	0.12	0.1	2.5
95%-ile		4	0.02	0.01	0.06	0.08	0.1	2.1
99%-ile		5	0.02	0.02	0.08	0.11	0.1	2.4

BOLD value - < Detection Limit

M BP		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:29	9.7	1.0	23.0	33.6	7.2	8.1	1.1
mid-ebb	28/11/2005	09:06	9.8	1.0	23.1	33.2	7.6	8.2	1.5
mid-ebb	30/11/2005	15:22	10.4	1.0	23.2	34.0	6.7	8.3	2.2
mid-ebb	02/12/2005	13:52	10.0	1.0	23.2	33.9	7.5	8.2	2.3
mid-ebb	05/12/2005	14:53	9.8	1.0	22.0	33.1	6.9	8.3	1.8
mid-ebb	07/12/2005	05:37	8.5	1.0	19.6	33.3	6.4	8.4	2.0
mid-ebb	09/12/2005	13:52	9.6	1.0	20.3	32.8	7.0	8.3	1.8
mid-ebb	12/12/2005	08:40	9.3	1.0	19.4	32.7	6.2	8.4	2.0
mid-ebb	14/12/2005	10:02	9.8	1.0	18.8	33.2	7.3	8.3	1.8
mid-ebb	16/12/2005	13:52	9.8	1.0	18.0	33.4	7.7	8.4	2.7
mid-ebb	19/12/2005	13:58	8.9	1.0	17.8	33.2	7.2	8.4	1.0
mid-ebb	21/12/2005	04:30	9.8	1.0	17.4	32.1	8.2	8.4	1.1
Average			9.6	1.0	20.5	33.2	7.2	8.3	1.8
Min			8.5	1.0	17.4	32.1	6.2	8.1	1.0
Max			10.4	1.0	23.2	34.0	8.2	8.4	2.7

M BP		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:24	9.8	1.0	23.1	33.4	7.5	8.2	1.5
mid-flood	28/11/2005	13:51	10.2	1.0	23.5	32.5	7.5	8.2	1.8
mid-flood	30/11/2005	10:07	10.3	1.0	23.2	24.1	7.2	8.2	1.2
mid-flood	02/12/2005	08:38	9.7	1.0	22.9	32.6	7.2	8.2	1.7
mid-flood	05/12/2005	09:37	9.8	1.0	22.1	32.4	7.1	8.3	1.9
mid-flood	07/12/2005	10:57	9.3	1.0	19.5	33.4	6.1	8.4	2.5
mid-flood	09/12/2005	08:55	9.9	1.0	20.8	33.2	6.1	8.3	2.1
mid-flood	12/12/2005	13:57	9.6	1.0	19.5	32.7	6.5	8.4	1.4
mid-flood	14/12/2005	15:22	10.0	1.0	18.7	33.5	7.0	8.4	1.2
mid-flood	16/12/2005	08:37	9.6	1.0	17.5	33.6	7.7	8.4	1.6
mid-flood	19/12/2005	08:55	9.2	1.0	17.5	32.8	6.9	8.4	1.0
mid-flood	21/12/2005	08:15	9.4	1.0	17.7	32.4	8.2	8.3	1.6
Average			9.7	1.0	20.5	32.2	7.1	8.3	1.6
Min			9.2	1.0	17.5	24.1	6.1	8.2	1.0
Max			10.3	1.0	23.5	33.6	8.2	8.4	2.5

BOLD value - < Detection Limit

M BP		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:28	9.7	4.8	23.0	33.7	7.1	8.1	2.2
mid-ebb	28/11/2005	09:05	9.8	4.9	23.1	32.8	7.4	8.2	1.7
mid-ebb	30/11/2005	15:21	10.4	5.2	23.2	34.0	6.7	8.3	2.2
mid-ebb	02/12/2005	13:51	10.0	5.0	22.9	33.8	7.2	8.2	3.7
mid-ebb	05/12/2005	14:52	9.8	4.9	22.2	33.4	7.1	8.2	2.7
mid-ebb	07/12/2005	05:36	8.5	4.2	19.6	33.3	6.4	8.4	2.4
mid-ebb	09/12/2005	13:51	9.6	4.8	20.2	32.8	6.9	8.3	2.2
mid-ebb	12/12/2005	08:39	9.3	4.6	19.6	32.9	6.3	8.4	2.4
mid-ebb	14/12/2005	10:01	9.8	4.9	18.8	33.2	7.2	8.3	2.1
mid-ebb	16/12/2005	13:51	9.8	4.9	17.5	33.4	7.6	8.4	1.7
mid-ebb	19/12/2005	13:57	8.9	4.4	17.8	33.2	7.2	8.4	1.0
mid-ebb	21/12/2005	04:29	9.8	4.9	17.6	32.1	8.4	8.3	1.7
Average			9.6	4.8	20.5	33.2	7.1	8.3	2.2
Min			8.5	4.2	17.5	32.1	6.3	8.1	1.0
Max			10.4	5.2	23.2	34.0	8.4	8.4	3.7

M BP		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:23	9.8	4.9	23.4	33.4	7.6	8.2	2.0
mid-flood	28/11/2005	13:50	10.2	5.1	23.3	34.2	7.3	8.2	2.1
mid-flood	30/11/2005	10:06	10.3	5.1	23.2	32.6	6.8	8.2	1.2
mid-flood	02/12/2005	08:37	9.7	4.8	22.9	32.6	6.4	8.2	2.0
mid-flood	05/12/2005	09:36	9.8	4.9	22.1	33.3	6.4	8.3	2.0
mid-flood	07/12/2005	10:56	9.3	4.6	19.5	33.4	6.1	8.4	2.6
mid-flood	09/12/2005	08:54	9.9	4.9	20.6	33.1	6.0	8.3	2.4
mid-flood	12/12/2005	13:56	9.6	4.8	19.4	33.3	6.6	8.4	2.2
mid-flood	14/12/2005	15:21	10.0	5.0	18.6	33.6	7.0	8.4	2.4
mid-flood	16/12/2005	08:36	9.6	4.8	17.5	33.6	7.7	8.4	1.8
mid-flood	19/12/2005	08:54	9.2	4.6	17.5	32.8	7.0	8.4	1.0
mid-flood	21/12/2005	08:14	9.4	4.7	17.7	32.9	8.2	8.4	1.6
Average			9.7	4.9	20.5	33.2	6.9	8.3	1.9
Min			9.2	4.6	17.5	32.6	6.0	8.2	1.0
Max			10.3	5.1	23.4	34.2	8.2	8.4	2.6

BOLD value - < Detection Limit

M BP		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	08:27	9.7	8.7	22.9	33.7	7.0	8.1	3.3
mid-ebb	28/11/2005	09:04	9.8	8.8	23.1	32.9	7.4	8.2	1.6
mid-ebb	30/11/2005	15:20	10.4	9.4	23.2	34.0	7.0	8.3	2.3
mid-ebb	02/12/2005	13:50	10.0	9.0	23.0	33.6	7.0	8.2	3.7
mid-ebb	05/12/2005	14:51	9.8	8.8	22.3	33.5	6.9	8.3	2.8
mid-ebb	07/12/2005	05:35	8.5	8.5	19.6	33.3	6.5	8.3	2.3
mid-ebb	09/12/2005	13:50	9.6	8.6	20.2	32.8	6.9	8.3	2.5
mid-ebb	12/12/2005	08:38	9.3	8.3	19.6	32.9	6.2	8.4	2.0
mid-ebb	14/12/2005	10:00	9.8	8.8	18.8	33.1	7.3	8.3	2.8
mid-ebb	16/12/2005	13:50	9.8	8.8	17.4	33.4	7.5	8.3	1.0
mid-ebb	19/12/2005	13:56	8.9	7.9	17.5	33.3	7.2	8.4	3.7
mid-ebb	21/12/2005	04:28	9.8	8.8	17.3	32.3	8.0	8.3	2.9
Average			9.6	8.7	20.4	33.2	7.1	8.3	2.6
Min			8.5	7.9	17.3	32.3	6.2	8.1	1.0
Max			10.4	9.4	23.2	34.0	8.0	8.4	3.7

M BP		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:22	9.8	8.8	23.2	33.7	7.7	8.2	2.0
mid-flood	28/11/2005	13:49	10.2	9.2	23.2	34.2	7.3	8.2	2.1
mid-flood	30/11/2005	10:05	10.3	9.3	23.2	32.7	6.8	8.2	1.6
mid-flood	02/12/2005	08:36	9.7	8.7	22.9	32.6	6.5	8.2	2.6
mid-flood	05/12/2005	09:35	9.8	4.9	22.6	32.9	6.9	8.3	2.0
mid-flood	07/12/2005	10:55	9.3	8.3	19.5	33.4	6.1	8.4	2.4
mid-flood	09/12/2005	08:53	9.9	8.9	20.1	33.2	5.9	8.3	2.4
mid-flood	12/12/2005	13:55	9.6	8.6	19.7	32.8	6.7	8.4	2.5
mid-flood	14/12/2005	15:20	10.0	9.0	18.7	33.5	6.9	8.4	2.0
mid-flood	16/12/2005	08:35	9.6	8.6	17.5	33.6	7.7	8.4	2.7
mid-flood	19/12/2005	08:53	9.2	8.2	17.5	32.9	7.0	8.4	1.5
mid-flood	21/12/2005	08:13	9.4	8.4	17.6	32.3	8.2	8.3	2.1
Average			9.7	8.4	20.5	33.1	7.0	8.3	2.2
Min			9.2	4.9	17.5	32.3	5.9	8.2	1.5
Max			10.3	9.3	23.2	34.2	8.2	8.4	2.7

BOLD value - < Detection Limit

M BP		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	3	0.01	0.01	0.01	0.03	0.1	1.3
mid-ebb	28/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.0
mid-ebb	30/11/2005	3	0.01	0.01	0.01	0.03	0.1	1.0
mid-ebb	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.3
mid-ebb	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.4
mid-ebb	07/12/2005	2	0.01	0.02	0.02	0.05	0.1	0.7
mid-ebb	09/12/2005	3	0.02	0.01	0.01	0.04	0.1	1.6
mid-ebb	12/12/2005	3	0.01	0.01	0.01	0.03	0.1	1.1
mid-ebb	14/12/2005	3	0.01	0.01	0.01	0.03	0.1	0.9
mid-ebb	16/12/2005	2	0.01	0.01	0.02	0.04	0.1	0.9
mid-ebb	19/12/2005	2	0.01	0.01	0.03	0.05	0.1	0.8
mid-ebb	21/12/2005	2	0.01	0.01	0.09	0.11	0.1	1
Average		3	0.01	0.01	0.02	0.04	0.1	1.1
Min		2	0.01	0.01	0.01	0.03	0.1	0.7
Max		3	0.02	0.02	0.09	0.11	0.1	1.6
95%-ile		3	0.01	0.01	0.06	0.08	0.1	1.5
99%-ile		3	0.02	0.02	0.08	0.10	0.1	1.6

M BP		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.9
mid-flood	28/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.6
mid-flood	30/11/2005	5	0.01	0.01	0.01	0.03	0.1	2.0
mid-flood	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.4
mid-flood	05/12/2005	3	0.01	0.01	0.01	0.03	0.1	0.9
mid-flood	07/12/2005	2	0.02	0.02	0.02	0.06	0.1	0.8
mid-flood	09/12/2005	3	0.02	0.02	0.01	0.05	0.1	0.9
mid-flood	12/12/2005	3	0.01	0.01	0.01	0.03	0.1	1.6
mid-flood	14/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.2
mid-flood	16/12/2005	2	0.01	0.01	0.02	0.04	0.1	0.8
mid-flood	19/12/2005	2	0.01	0.01	0.03	0.05	0.1	1
mid-flood	21/12/2005	2	0.01	0.01	0.08	0.10	0.1	1.1
Average		3	0.01	0.01	0.02	0.04	0.1	1.2
Min		2	0.01	0.01	0.01	0.03	0.1	0.8
Max		5	0.02	0.02	0.08	0.10	0.1	2.0
95%-ile		4	0.02	0.02	0.05	0.08	0.1	1.8
99%-ile		5	0.02	0.02	0.07	0.10	0.1	2.0

BOLD value - < Detection Limit

M Coral		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	09:18	10.6	1.0	23.0	33.8	7.2	8.2	1.3
mid-ebb	28/11/2005	09:55	9.3	1.0	23.1	33.1	7.2	8.2	2.4
mid-ebb	30/11/2005	15:30	10.6	1.0	23.2	33.9	5.8	8.3	1.9
mid-ebb	02/12/2005	14:00	10.3	1.0	23.3	33.7	6.8	8.2	1.7
mid-ebb	05/12/2005	15:01	10.0	1.0	22.0	32.8	6.6	8.3	2.0
mid-ebb	07/12/2005	06:26	10.2	1.0	19.2	33.4	7.1	8.4	2.0
mid-ebb	09/12/2005	14:41	9.7	1.0	20.4	33.2	6.7	8.3	1.8
mid-ebb	12/12/2005	09:29	10.1	1.0	19.4	32.7	6.3	8.4	2.2
mid-ebb	14/12/2005	10:51	9.2	1.0	19.0	33.3	7.5	8.5	1.7
mid-ebb	16/12/2005	14:00	10.7	1.0	18.7	33.6	7.6	8.4	1.8
mid-ebb	19/12/2005	14:11	11.0	1.0	18.0	33.4	7.2	8.4	1.0
mid-ebb	21/12/2005	05:19	10.8	1.0	17.2	32.6	8.4	8.3	1.1
Average			10.2	1.0	20.5	33.3	7.0	8.3	1.7
Min			9.2	1.0	17.2	32.6	5.8	8.2	1.0
Max			11.0	1.0	23.3	33.9	8.4	8.5	2.4

M Coral		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:32	10.4	1.0	23.1	33.6	7.5	8.3	1.8
mid-flood	28/11/2005	13:59	10.4	1.0	23.7	34.2	7.3	8.2	1.5
mid-flood	30/11/2005	10:56	9.6	1.0	23.1	33.1	7.0	8.3	2.3
mid-flood	02/12/2005	09:27	8.9	1.0	22.9	33.2	6.3	8.2	2.5
mid-flood	05/12/2005	10:26	10.1	1.0	22.3	33.1	6.8	8.4	2.2
mid-flood	07/12/2005	11:05	10.4	1.0	19.7	33.4	6.0	8.4	2.1
mid-flood	09/12/2005	09:03	9.2	1.0	20.9	33.2	6.0	8.3	2.0
mid-flood	12/12/2005	14:05	10.3	1.0	19.5	32.8	6.6	8.4	2.1
mid-flood	14/12/2005	15:30	10.6	1.0	19.0	33.5	7.1	8.4	1.6
mid-flood	16/12/2005	09:26	11.1	1.0	17.6	33.5	7.8	8.4	1.5
mid-flood	19/12/2005	09:41	10.9	1.0	17.6	33.3	6.7	8.4	1.5
mid-flood	21/12/2005	08:22	11.0	1.0	17.6	32.4	8.3	8.3	1.7
Average			10.2	1.0	20.6	33.3	6.9	8.3	1.9
Min			8.9	1.0	17.6	32.4	6.0	8.2	1.5
Max			11.1	1.0	23.7	34.2	8.3	8.4	2.5

BOLD value - < Detection Limit

M Coral		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	09:17	10.6	5.3	22.9	33.8	7.2	8.2	1.4
mid-ebb	28/11/2005	09:54	9.3	4.6	23.1	33.2	7.4	8.2	3.5
mid-ebb	30/11/2005	15:29	10.6	5.3	23.2	34.0	5.9	8.3	2.2
mid-ebb	02/12/2005	13:59	10.3	5.1	23.0	33.8	6.7	8.2	2.4
mid-ebb	05/12/2005	15:00	10.0	5.0	22.3	32.7	7.0	8.4	2.1
mid-ebb	07/12/2005	06:25	10.2	5.1	19.6	33.5	6.2	8.4	7.8
mid-ebb	09/12/2005	14:40	9.7	4.8	20.4	33.2	6.7	8.3	1.9
mid-ebb	12/12/2005	09:28	10.1	5.0	19.5	33.2	6.2	8.4	1.7
mid-ebb	14/12/2005	10:50	9.2	4.6	19.0	33.4	7.5	8.4	1.8
mid-ebb	16/12/2005	13:59	10.7	5.3	17.8	33.7	7.7	8.4	1.4
mid-ebb	19/12/2005	14:10	11.0	5.5	17.8	33.3	7.2	8.4	1.0
mid-ebb	21/12/2005	05:18	10.8	5.4	17.6	32.8	8.4	8.3	1.4
Average			10.2	5.1	20.5	33.4	7.0	8.3	2.4
Min			9.2	4.6	17.6	32.7	5.9	8.2	1.0
Max			11.0	5.5	23.2	34.0	8.4	8.4	7.8

M Coral		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:31	10.4	5.2	23.4	33.6	7.9	8.3	1.7
mid-flood	28/11/2005	13:58	10.4	5.2	23.7	34.2	7.3	8.2	1.6
mid-flood	30/11/2005	10:55	9.6	4.8	23.1	33.1	7.0	8.3	2.0
mid-flood	02/12/2005	09:26	8.9	4.4	22.9	33.2	6.6	8.2	2.3
mid-flood	05/12/2005	10:25	10.1	5.0	22.3	33.2	6.7	8.3	1.8
mid-flood	07/12/2005	11:04	10.4	5.2	19.7	33.4	6.1	8.4	1.9
mid-flood	09/12/2005	09:02	9.2	4.6	20.4	33.3	5.8	8.3	1.9
mid-flood	12/12/2005	14:04	10.3	5.1	19.6	33.4	6.7	8.3	2.2
mid-flood	14/12/2005	15:29	10.6	5.3	19.0	33.5	7.1	8.4	2.1
mid-flood	16/12/2005	09:25	11.1	5.5	17.6	33.5	7.8	8.4	1.9
mid-flood	19/12/2005	09:40	10.9	5.4	17.6	33.3	6.7	8.4	1.1
mid-flood	21/12/2005	08:21	11.0	5.5	17.7	33.0	8.3	8.4	1.6
Average			10.2	5.1	20.6	33.4	7.0	8.3	1.8
Min			8.9	4.4	17.6	33.0	5.8	8.2	1.1
Max			11.1	5.5	23.7	34.2	8.3	8.4	2.3

BOLD value - < Detection Limit

M Coral		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	09:16	10.6	9.6	22.9	33.8	7.1	8.2	3.3
mid-ebb	28/11/2005	09:53	9.3	8.3	23.1	27.5	7.6	8.2	4.0
mid-ebb	30/11/2005	15:28	10.6	9.6	23.2	34.0	5.9	8.3	2.2
mid-ebb	02/12/2005	13:58	10.3	9.3	22.9	33.7	7.0	8.2	2.8
mid-ebb	05/12/2005	14:59	10.0	9.0	22.6	33.2	6.7	8.3	2.2
mid-ebb	07/12/2005	06:24	10.2	9.2	20.0	33.4	6.6	8.4	2.5
mid-ebb	09/12/2005	14:39	9.7	8.7	20.2	33.2	6.8	8.3	2.9
mid-ebb	12/12/2005	09:27	10.1	9.1	19.4	33.3	6.3	8.3	2.1
mid-ebb	14/12/2005	10:49	9.2	8.2	19.0	33.3	7.4	8.4	2.5
mid-ebb	16/12/2005	13:58	10.7	9.7	17.6	33.7	7.7	8.4	1.8
mid-ebb	19/12/2005	14:09	11.0	10.0	17.5	33.4	7.2	8.4	1.5
mid-ebb	21/12/2005	05:17	10.8	9.8	17.4	32.3	8.2	8.3	2.0
Average			10.2	9.2	20.5	32.9	7.0	8.3	2.5
Min			9.2	8.2	17.4	27.5	5.9	8.2	1.5
Max			11.0	10.0	23.2	34.0	8.2	8.4	4.0

M Coral		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:30	10.4	9.4	23.1	33.7	7.4	8.3	2.1
mid-flood	28/11/2005	13:57	10.4	9.4	23.2	34.2	7.3	8.2	3.3
mid-flood	30/11/2005	10:54	9.6	8.6	23.1	25.7	7.3	8.3	2.0
mid-flood	02/12/2005	09:25	8.9	7.9	22.9	33.1	6.5	8.2	1.9
mid-flood	05/12/2005	10:24	10.1	9.1	22.1	33.3	6.4	8.3	2.3
mid-flood	07/12/2005	11:03	10.4	9.4	20.1	33.6	6.5	8.4	2.2
mid-flood	09/12/2005	09:01	9.2	8.2	20.3	33.3	5.8	8.3	1.7
mid-flood	12/12/2005	14:03	10.3	9.3	19.6	33.5	6.7	8.4	1.9
mid-flood	14/12/2005	15:28	10.6	9.6	18.9	33.5	7.1	8.4	2.4
mid-flood	16/12/2005	09:24	11.1	10.1	17.6	33.6	7.8	8.4	3.3
mid-flood	19/12/2005	09:39	10.9	9.9	17.5	33.4	6.7	8.4	2.1
mid-flood	21/12/2005	08:20	11.0	10.0	17.6	33.2	8.2	8.3	2.5
Average			10.2	9.2	20.5	32.8	7.0	8.3	2.3
Min			8.9	7.9	17.5	25.7	5.8	8.2	1.7
Max			11.1	10.1	23.2	34.2	8.2	8.4	3.3

BOLD value - < Detection Limit

M Coral		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.1
mid-ebb	28/11/2005	5	0.01	0.01	0.01	0.03	0.1	1.4
mid-ebb	30/11/2005	6	0.01	0.01	0.01	0.03	0.1	1.6
mid-ebb	02/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.1
mid-ebb	05/12/2005	3	0.01	0.01	0.01	0.03	0.1	2.2
mid-ebb	07/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.3
mid-ebb	09/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.4
mid-ebb	12/12/2005	3	0.01	0.01	0.01	0.03	0.1	1.7
mid-ebb	14/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.4
mid-ebb	16/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.2
mid-ebb	19/12/2005	2	0.01	0.01	0.03	0.05	0.1	1.1
mid-ebb	21/12/2005	2	0.01	0.01	0.08	0.10	0.1	1.2
Average		3	0.01	0.01	0.02	0.04	0.1	1.4
Min		2	0.01	0.01	0.01	0.03	0.1	1.1
Max		6	0.01	0.01	0.08	0.10	0.1	2.2
95%-ile		5	0.01	0.01	0.05	0.07	0.1	1.9
99%-ile		6	0.01	0.01	0.07	0.09	0.1	2.1

M Coral		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	3	0.01	0.01	0.01	0.03	0.1	1.9
mid-flood	28/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.1
mid-flood	30/11/2005	2	0.01	0.01	0.01	0.03	0.1	2.6
mid-flood	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.3
mid-flood	05/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.2
mid-flood	07/12/2005	4	0.02	0.01	0.02	0.05	0.1	1.4
mid-flood	09/12/2005	3	0.02	0.02	0.02	0.06	0.1	0.9
mid-flood	12/12/2005	2	0.02	0.01	0.01	0.04	0.1	1.6
mid-flood	14/12/2005	4	0.01	0.01	0.02	0.04	0.1	1.9
mid-flood	16/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.1
mid-flood	19/12/2005	2	0.01	0.01	0.03	0.05	0.1	0.7
mid-flood	21/12/2005	2	0.01	0.01	0.08	0.10	0.1	1.2
Average		3	0.01	0.01	0.02	0.05	0.1	1.4
Min		2	0.01	0.01	0.01	0.03	0.1	0.7
Max		4	0.02	0.02	0.08	0.10	0.1	2.6
95%-ile		4	0.02	0.01	0.05	0.08	0.1	2.2
99%-ile		4	0.02	0.02	0.07	0.10	0.1	2.5

BOLD value - < Detection Limit

M B		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	10:21	17.2	1.0	22.8	33.7	7.0	8.2	1.5
mid-ebb	28/11/2005	10:58	16.3	1.0	23.1	33.3	7.5	8.2	1.6
mid-ebb	30/11/2005	15:44	16.7	1.0	23.0	33.9	5.7	8.3	2.3
mid-ebb	02/12/2005	14:14	15.8	1.0	23.1	33.7	6.5	8.2	2.3
mid-ebb	05/12/2005	15:15	17.2	1.0	22.2	33.8	6.9	8.4	1.9
mid-ebb	07/12/2005	07:29	16.6	1.0	19.8	33.2	7.0	8.2	1.6
mid-ebb	09/12/2005	15:44	18.0	1.0	20.8	33.2	6.8	8.3	2.3
mid-ebb	12/12/2005	10:32	16.4	1.0	19.8	33.1	6.4	8.4	1.8
mid-ebb	14/12/2005	11:54	17.0	1.0	19.1	33.4	6.5	8.3	1.8
mid-ebb	16/12/2005	14:14	15.3	1.0	18.7	33.5	7.5	8.4	2.3
mid-ebb	19/12/2005	14:29	16.0	1.0	18.1	33.3	6.9	8.4	2.4
mid-ebb	21/12/2005	06:22	15.8	1.0	17.2	32.2	8.5	8.4	2.1
Average			16.5	1.0	20.6	33.4	6.9	8.3	2.0
Min			15.3	1.0	17.2	32.2	5.7	8.2	1.5
Max			18.0	1.0	23.1	33.9	8.5	8.4	2.4

M B		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:46	17.0	1.0	23.0	33.6	7.3	8.2	1.6
mid-flood	28/11/2005	14:13	16.6	1.0	23.6	34.3	7.4	8.1	1.5
mid-flood	30/11/2005	11:59	16.5	1.0	23.0	33.5	6.5	8.3	3.2
mid-flood	02/12/2005	10:30	16.0	1.0	22.9	33.3	6.5	8.2	2.0
mid-flood	05/12/2005	11:29	17.1	1.0	22.4	33.6	6.7	8.2	1.7
mid-flood	07/12/2005	11:19	15.9	1.0	20.1	33.1	6.6	8.2	1.5
mid-flood	09/12/2005	09:17	17.8	1.0	21.0	33.3	6.6	8.3	1.8
mid-flood	12/12/2005	14:19	16.3	1.0	19.9	33.5	6.4	8.4	2.0
mid-flood	14/12/2005	15:44	17.2	1.0	19.3	33.5	6.9	8.4	1.7
mid-flood	16/12/2005	10:29	15.3	1.0	18.6	33.1	7.7	8.4	2.9
mid-flood	19/12/2005	10:51	15.1	1.0	17.8	33.1	7.3	8.4	1.0
mid-flood	21/12/2005	08:36	15.9	1.0	17.7	32.6	8.4	8.3	1.5
Average			16.4	1.0	20.8	33.4	7.0	8.3	1.9
Min			15.1	1.0	17.7	32.6	6.4	8.1	1.0
Max			17.8	1.0	23.6	34.3	8.4	8.4	3.2

BOLD value - < Detection Limit

M B		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	10:20	17.2	8.6	22.9	33.8	7.0	8.3	2.0
mid-ebb	28/11/2005	10:57	16.3	8.1	23.1	33.4	7.6	8.2	1.3
mid-ebb	30/11/2005	15:43	16.7	8.3	23.0	33.9	5.8	8.3	2.6
mid-ebb	02/12/2005	14:13	15.8	7.9	22.8	33.7	6.3	8.2	2.4
mid-ebb	05/12/2005	15:14	17.2	8.6	22.6	33.4	6.7	8.3	2.1
mid-ebb	07/12/2005	07:28	16.6	8.3	19.9	33.1	6.8	8.2	2.5
mid-ebb	09/12/2005	15:43	18.0	9.0	20.6	33.2	6.8	8.3	2.3
mid-ebb	12/12/2005	10:31	16.4	8.2	19.9	33.2	6.5	8.2	2.1
mid-ebb	14/12/2005	11:53	17.0	8.5	19.3	33.5	6.4	8.3	2.2
mid-ebb	16/12/2005	14:13	15.3	7.6	18.1	33.6	7.5	8.3	1.9
mid-ebb	19/12/2005	14:28	16.0	8.0	17.9	33.4	7.0	8.4	1.0
mid-ebb	21/12/2005	06:21	15.8	7.9	17.3	32.0	8.3	8.3	2.2
Average			16.5	8.3	20.6	33.3	6.9	8.3	2.1
Min			15.3	7.6	17.3	32.0	5.8	8.2	1.0
Max			18.0	9.0	23.1	33.9	8.3	8.4	2.6

M B		Middle							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:45	17.0	8.5	23.1	33.6	7.5	8.2	1.3
mid-flood	28/11/2005	14:12	16.6	8.3	23.1	34.2	7.3	8.1	1.6
mid-flood	30/11/2005	11:58	16.5	8.2	23.0	33.5	6.5	8.3	3.0
mid-flood	02/12/2005	10:29	16.0	8.0	22.8	33.2	6.1	8.2	2.4
mid-flood	05/12/2005	11:28	17.1	8.5	22.4	33.8	7.0	8.2	1.6
mid-flood	07/12/2005	11:18	15.9	7.9	20.0	33.5	6.1	8.4	2.2
mid-flood	09/12/2005	09:16	17.8	8.9	20.7	33.3	6.6	8.3	2.2
mid-flood	12/12/2005	14:18	16.3	8.1	20.2	33.6	6.5	8.4	2.4
mid-flood	14/12/2005	15:43	17.2	8.6	19.3	33.4	6.3	8.3	2.1
mid-flood	16/12/2005	10:28	15.3	7.6	17.8	33.4	7.7	8.4	2.0
mid-flood	19/12/2005	10:50	15.1	7.5	17.8	33.1	7.3	8.3	1.0
mid-flood	21/12/2005	08:35	15.9	7.9	17.8	32.4	8.0	8.4	1.8
Average			16.4	8.2	20.7	33.4	6.9	8.3	2.0
Min			15.1	7.5	17.8	32.4	6.1	8.1	1.0
Max			17.8	8.9	23.1	34.2	8.0	8.4	3.0

BOLD value - < Detection Limit

M B		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	10:19	17.2	16.2	22.6	33.6	7.0	8.3	1.3
mid-ebb	28/11/2005	10:56	16.3	15.3	23.1	33.4	7.8	8.3	1.4
mid-ebb	30/11/2005	15:42	16.7	15.7	23.0	33.9	5.9	8.3	2.4
mid-ebb	02/12/2005	14:12	15.8	14.8	22.8	33.7	6.6	8.2	2.9
mid-ebb	05/12/2005	15:13	17.2	16.2	22.0	33.6	6.8	8.2	2.5
mid-ebb	07/12/2005	07:27	16.6	15.6	20.1	33.8	6.6	8.2	2.0
mid-ebb	09/12/2005	15:42	18.0	17.0	20.3	33.3	6.9	8.3	2.9
mid-ebb	12/12/2005	10:30	16.4	15.4	20.1	33.4	6.5	8.2	2.4
mid-ebb	14/12/2005	11:52	17.0	16.0	19.6	33.8	6.7	8.2	1.9
mid-ebb	16/12/2005	14:12	15.3	14.3	17.3	33.6	7.5	8.3	4.1
mid-ebb	19/12/2005	14:27	16.0	15.0	17.8	33.4	6.9	8.4	1.0
mid-ebb	21/12/2005	06:20	15.8	14.8	17.3	32.0	8.0	8.3	1.2
Average			16.5	15.5	20.5	33.5	6.9	8.3	2.2
Min			15.3	14.3	17.3	32.0	5.9	8.2	1.0
Max			18.0	17.0	23.1	33.9	8.0	8.4	4.1

M B		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	17:44	17.0	16.0	23.2	33.8	7.6	8.2	1.6
mid-flood	28/11/2005	14:11	16.6	15.6	23.1	34.3	7.5	8.2	2.1
mid-flood	30/11/2005	11:57	16.5	15.5	23.0	33.5	6.5	8.3	3.4
mid-flood	02/12/2005	10:28	16.0	15.0	22.8	33.3	6.4	8.2	2.1
mid-flood	05/12/2005	11:27	17.1	16.1	22.6	33.1	6.7	8.2	2.2
mid-flood	07/12/2005	11:17	15.9	14.9	20.0	33.5	6.0	8.4	2.0
mid-flood	09/12/2005	09:15	17.8	16.8	20.4	33.3	6.1	8.3	3.4
mid-flood	12/12/2005	14:17	16.3	15.3	20.5	33.6	6.4	8.4	2.8
mid-flood	14/12/2005	15:42	17.2	16.2	19.1	33.3	6.9	8.4	2.9
mid-flood	16/12/2005	10:27	15.3	14.3	17.2	33.3	7.8	8.4	3.8
mid-flood	19/12/2005	10:49	15.1	14.1	17.8	33.1	7.3	8.3	1.0
mid-flood	21/12/2005	08:34	15.9	14.9	17.7	32.6	8.3	8.4	2.6
Average			16.4	15.4	20.6	33.4	7.0	8.3	2.5
Min			15.1	14.1	17.2	32.6	6.0	8.2	1.0
Max			17.8	16.8	23.2	34.3	8.3	8.4	3.8

BOLD value - < Detection Limit

M B		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.1
mid-ebb	28/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.2
mid-ebb	30/11/2005	3	0.01	0.01	0.02	0.04	0.1	0.6
mid-ebb	02/12/2005	3	0.01	0.01	0.02	0.04	0.1	0.5
mid-ebb	05/12/2005	4	0.01	0.02	0.02	0.05	0.1	1.1
mid-ebb	07/12/2005	3	0.02	0.02	0.03	0.07	0.1	0.7
mid-ebb	09/12/2005	4	0.02	0.02	0.02	0.06	0.1	0.6
mid-ebb	12/12/2005	3	0.01	0.01	0.01	0.03	0.1	1.8
mid-ebb	14/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.2
mid-ebb	16/12/2005	7	0.01	0.01	0.03	0.05	0.1	0.7
mid-ebb	19/12/2005	2	0.01	0.01	0.04	0.06	0.1	0.6
mid-ebb	21/12/2005	2	0.01	0.01	0.09	0.11	0.1	0.9
Average		3	0.01	0.01	0.03	0.05	0.1	0.9
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		7	0.02	0.02	0.09	0.11	0.1	1.8
95%-ile		5	0.02	0.02	0.06	0.09	0.1	1.5
99%-ile		7	0.02	0.02	0.08	0.11	0.1	1.7

M B		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	11	0.01	0.01	0.02	0.04	0.1	1.4
mid-flood	28/11/2005	3	0.01	0.01	0.01	0.03	0.1	1.3
mid-flood	30/11/2005	2	0.01	0.01	0.02	0.04	0.1	0.7
mid-flood	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.6
mid-flood	05/12/2005	3	0.01	0.02	0.03	0.06	0.1	1.0
mid-flood	07/12/2005	3	0.01	0.01	0.02	0.04	0.1	1.6
mid-flood	09/12/2005	3	0.02	0.02	0.02	0.06	0.1	0.9
mid-flood	12/12/2005	2	0.01	0.01	0.01	0.03	0.1	1.9
mid-flood	14/12/2005	4	0.01	0.01	0.02	0.04	0.1	1.1
mid-flood	16/12/2005	2	0.01	0.01	0.02	0.04	0.1	1
mid-flood	19/12/2005	3	0.02	0.01	0.04	0.07	0.1	0.6
mid-flood	21/12/2005	2	0.02	0.01	0.09	0.12	0.1	1.1
Average		3	0.01	0.01	0.03	0.05	0.1	1.1
Min		2	0.01	0.01	0.01	0.03	0.1	0.6
Max		11	0.02	0.02	0.09	0.12	0.1	1.9
95%-ile		7	0.02	0.02	0.06	0.09	0.1	1.7
99%-ile		10	0.02	0.02	0.08	0.11	0.1	1.9

BOLD value - < Detection Limit

KS		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	10:53	9.3	1.0	23.1	33.7	7.0	8.3	1.3
mid-ebb	28/11/2005	11:30	12.4	1.0	23.1	33.6	7.4	8.1	1.0
mid-ebb	30/11/2005	16:14	10.5	1.0	23.0	34.0	6.9	8.3	1.0
mid-ebb	02/12/2005	14:44	12.5	1.0	23.2	33.7	6.1	8.2	1.3
mid-ebb	05/12/2005	15:45	11.5	1.0	22.0	33.4	6.5	8.2	1.6
mid-ebb	07/12/2005	07:59	12.0	1.0	20.7	33.3	6.2	8.3	1.1
mid-ebb	09/12/2005	16:16	10.5	1.0	20.8	33.2	6.7	8.3	1.6
mid-ebb	12/12/2005	11:04	11.0	1.0	19.6	33.1	6.3	8.4	1.2
mid-ebb	14/12/2005	12:26	12.8	1.0	19.6	33.2	7.5	8.5	1.9
mid-ebb	16/12/2005	14:44	9.6	1.0	18.8	33.7	7.0	8.4	2.5
mid-ebb	19/12/2005	15:03	12.0	1.0	18.1	33.5	7.0	8.4	1.3
mid-ebb	21/12/2005	06:54	12.0	1.0	17.7	31.9	8.3	8.3	1.0
Average			11.3	1.0	20.8	33.4	6.9	8.3	1.4
Min			9.3	1.0	17.7	31.9	6.1	8.1	1.0
Max			12.8	1.0	23.2	34.0	8.3	8.5	2.5

KS		Surface							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	18:14	9.8	1.0	23.3	33.6	7.6	8.3	1.3
mid-flood	28/11/2005	14:41	11.0	1.0	23.5	34.3	7.3	8.1	1.0
mid-flood	30/11/2005	12:29	10.7	1.0	23.0	34.1	6.6	8.3	1.0
mid-flood	02/12/2005	11:00	11.1	1.0	23.0	33.4	6.1	8.2	1.2
mid-flood	05/12/2005	11:59	11.9	1.0	22.5	33.4	6.3	8.2	1.5
mid-flood	07/12/2005	11:47	12.4	1.0	20.8	33.6	5.7	8.5	2.0
mid-flood	09/12/2005	09:45	9.9	1.0	20.8	33.5	5.9	8.4	1.6
mid-flood	12/12/2005	14:47	11.5	1.0	19.6	33.3	6.5	8.4	2.0
mid-flood	14/12/2005	16:12	12.5	1.0	19.6	33.2	7.0	8.4	1.7
mid-flood	16/12/2005	10:59	10.0	1.0	18.8	33.4	7.5	8.3	3.3
mid-flood	19/12/2005	11:20	10.0	1.0	18.0	33.1	6.7	8.4	1.7
mid-flood	21/12/2005	09:03	11.2	1.0	17.8	32.1	8.0	8.3	1.0
Average			11.0	1.0	20.9	33.4	6.8	8.3	1.6
Min			9.8	1.0	17.8	32.1	5.7	8.1	1.0
Max			12.5	1.0	23.5	34.3	8.0	8.5	3.3

BOLD value - < Detection Limit

KS	Middle								
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	10:52	9.3	4.6	23.1	33.8	7.0	8.3	1.2
mid-ebb	28/11/2005	11:29	12.4	6.2	23.0	33.5	7.5	8.1	1.0
mid-ebb	30/11/2005	16:13	10.5	5.2	23.0	34.0	6.9	8.3	1.0
mid-ebb	02/12/2005	14:43	12.5	6.2	22.9	33.7	6.2	8.2	1.3
mid-ebb	05/12/2005	15:44	11.5	5.7	22.1	33.6	6.6	8.2	1.6
mid-ebb	07/12/2005	07:58	12.0	6.0	20.7	33.5	6.4	8.2	1.1
mid-ebb	09/12/2005	16:15	10.5	5.2	20.6	33.2	6.6	8.3	1.9
mid-ebb	12/12/2005	11:03	11.0	5.5	19.8	33.5	6.2	8.4	1.4
mid-ebb	14/12/2005	12:25	12.8	6.4	19.6	33.3	7.5	8.5	2.0
mid-ebb	16/12/2005	14:43	9.6	4.8	18.8	33.7	7.0	8.3	3.1
mid-ebb	19/12/2005	15:02	12.0	6.0	18.0	33.5	6.7	8.4	1.4
mid-ebb	21/12/2005	06:53	12.0	6.0	17.8	32.1	8.4	8.4	1.5
Average			11.3	5.7	20.8	33.4	6.9	8.3	1.5
Min			9.3	4.6	17.8	32.1	6.2	8.1	1.0
Max			12.8	6.4	23.1	34.0	8.4	8.5	3.1

KS	Middle								
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	18:13	9.8	4.9	23.4	33.7	7.5	8.3	1.6
mid-flood	28/11/2005	14:40	11.0	5.5	23.1	34.3	7.2	8.1	1.0
mid-flood	30/11/2005	12:28	10.7	5.3	23.0	33.8	6.7	8.3	1.0
mid-flood	02/12/2005	10:59	11.1	5.5	22.9	33.4	6.6	8.2	1.6
mid-flood	05/12/2005	11:58	11.9	5.9	22.4	33.6	6.7	8.2	2.1
mid-flood	07/12/2005	11:46	12.4	6.2	20.8	33.6	5.7	8.5	1.9
mid-flood	09/12/2005	09:44	9.9	4.9	20.6	33.5	5.8	8.4	2.0
mid-flood	12/12/2005	14:46	11.5	5.7	19.8	33.7	6.6	8.4	1.8
mid-flood	14/12/2005	16:11	12.5	6.2	19.6	33.7	6.9	8.4	3.0
mid-flood	16/12/2005	10:58	10.0	5.0	18.7	33.4	7.5	8.3	2.1
mid-flood	19/12/2005	11:19	10.0	5.0	18.0	33.1	6.7	8.4	1.5
mid-flood	21/12/2005	09:02	11.2	5.6	17.9	32.0	8.1	8.3	1.1
Average			11.0	5.5	20.8	33.5	6.8	8.3	1.7
Min			9.8	4.9	17.9	32.0	5.7	8.1	1.0
Max			12.5	6.2	23.4	34.3	8.1	8.5	3.0

BOLD value - < Detection Limit

KS		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-ebb	26/11/2005	10:51	9.3	8.3	23.1	33.8	7.0	8.3	1.5
mid-ebb	28/11/2005	11:28	12.4	11.4	23.0	33.5	7.5	8.1	1.7
mid-ebb	30/11/2005	16:12	10.5	9.5	23.0	34.0	6.9	8.3	1.0
mid-ebb	02/12/2005	14:42	12.5	11.5	22.9	33.8	6.3	8.2	1.4
mid-ebb	05/12/2005	15:43	11.5	10.5	22.3	33.7	6.4	8.2	1.4
mid-ebb	07/12/2005	07:57	12.0	11.0	20.6	33.4	6.5	8.3	1.6
mid-ebb	09/12/2005	16:14	10.5	9.5	20.6	33.3	6.4	8.2	1.3
mid-ebb	12/12/2005	11:02	11.0	10.0	20.3	33.8	6.7	8.4	2.1
mid-ebb	14/12/2005	12:24	12.8	11.8	19.6	33.2	7.6	8.4	2.0
mid-ebb	16/12/2005	14:42	9.6	8.6	18.8	33.7	7.0	8.3	3.8
mid-ebb	19/12/2005	14:57	12.0	11.0	18.0	33.5	6.7	8.4	1.8
mid-ebb	21/12/2005	06:52	12.0	11.0	17.7	32.4	8.4	8.4	3.0
Average			11.3	10.3	20.8	33.5	6.9	8.3	1.9
Min			9.3	8.3	17.7	32.4	6.3	8.1	1.0
Max			12.8	11.8	23.1	34.0	8.4	8.4	3.8

KS		Bottom							
tide condition	Date	time	Water depth (m)	Sampling depth (m)	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)
mid-flood	26/11/2005	18:12	9.8	8.8	23.5	33.6	7.6	8.3	1.4
mid-flood	28/11/2005	14:39	11.0	10.0	23.0	34.3	7.2	8.0	2.2
mid-flood	30/11/2005	12:27	10.7	9.7	23.0	33.9	6.7	8.3	1.0
mid-flood	02/12/2005	10:58	11.1	10.1	22.9	33.3	6.2	8.2	1.5
mid-flood	05/12/2005	11:57	11.9	10.9	22.4	33.4	6.8	8.2	2.0
mid-flood	07/12/2005	11:45	12.4	11.4	20.8	33.4	6.0	8.4	2.5
mid-flood	09/12/2005	09:43	9.9	8.9	20.6	33.5	5.8	8.4	1.9
mid-flood	12/12/2005	14:45	11.5	10.5	20.1	33.6	6.0	8.4	2.2
mid-flood	14/12/2005	16:10	12.5	11.5	19.6	33.7	6.9	8.4	2.5
mid-flood	16/12/2005	10:57	10.0	9.0	18.7	33.4	7.5	8.3	2.1
mid-flood	19/12/2005	11:19	10.0	9.0	17.9	33.1	6.8	8.3	1.4
mid-flood	21/12/2005	09:01	11.2	10.2	17.7	32.6	8.2	8.4	2.5
Average			11.0	10.0	20.9	33.5	6.8	8.3	1.9
Min			9.8	8.8	17.7	32.6	5.8	8.0	1.0
Max			12.5	11.5	23.5	34.3	8.2	8.4	2.5

BOLD value - < Detection Limit

KS		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-ebb	26/11/2005	2	0.01	0.01	0.01	0.03	0.1	1.1
mid-ebb	28/11/2005	3	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	30/11/2005	3	0.01	0.01	0.02	0.04	0.1	0.7
mid-ebb	02/12/2005	2	0.01	0.01	0.01	0.03	0.1	0.5
mid-ebb	05/12/2005	2	0.01	0.02	0.02	0.05	0.1	0.8
mid-ebb	07/12/2005	2	0.03	0.02	0.02	0.07	0.1	0.8
mid-ebb	09/12/2005	2	0.02	0.02	0.01	0.05	0.1	1.0
mid-ebb	12/12/2005	2	0.01	0.02	0.01	0.04	0.1	0.8
mid-ebb	14/12/2005	2	0.01	0.02	0.01	0.04	0.1	1.1
mid-ebb	16/12/2005	2	0.01	0.02	0.01	0.04	0.1	0.5
mid-ebb	19/12/2005	2	0.01	0.01	0.03	0.05	0.1	0.6
mid-ebb	21/12/2005	3	0.01	0.01	0.08	0.10	0.1	1.1
Average		2	0.01	0.02	0.02	0.05	0.1	0.8
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		3	0.03	0.02	0.08	0.10	0.1	1.1
95%-ile		3	0.02	0.02	0.05	0.08	0.1	1.1
99%-ile		3	0.03	0.02	0.07	0.10	0.1	1.1

KS		Depth-averaged						
tide condition	Date	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
mid-flood	26/11/2005	5	0.01	0.01	0.01	0.03	0.1	1.4
mid-flood	28/11/2005	2	0.01	0.01	0.02	0.04	0.1	0.6
mid-flood	30/11/2005	2	0.01	0.01	0.01	0.03	0.1	0.6
mid-flood	02/12/2005	2	0.01	0.01	0.02	0.04	0.1	0.5
mid-flood	05/12/2005	2	0.01	0.02	0.02	0.05	0.1	0.7
mid-flood	07/12/2005	2	0.01	0.02	0.02	0.05	0.1	0.8
mid-flood	09/12/2005	2	0.02	0.02	0.02	0.06	0.1	0.6
mid-flood	12/12/2005	2	0.01	0.01	0.02	0.04	0.1	1.1
mid-flood	14/12/2005	2	0.01	0.02	0.01	0.04	0.1	1.3
mid-flood	16/12/2005	2	0.01	0.02	0.01	0.04	0.1	0.9
mid-flood	19/12/2005	3	0.01	0.01	0.03	0.05	0.1	0.9
mid-flood	21/12/2005	2	0.01	0.01	0.08	0.10	0.1	1.1
Average		2	0.01	0.01	0.02	0.05	0.1	0.9
Min		2	0.01	0.01	0.01	0.03	0.1	0.5
Max		5	0.02	0.02	0.08	0.10	0.1	1.4
95%-ile		4	0.01	0.02	0.05	0.08	0.1	1.3
99%-ile		5	0.02	0.02	0.07	0.10	0.1	1.4

BOLD value - < Detection Limit

F UA	Mid depth												
	Date	time	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)
26/11/2005	11:37	20.3	0.1	7.7	7.6	1.0	2	0.01	0.01	0.08	0.10	0.1	0.5
28/11/2005	12:14	21.2	0.1	7.2	7.8	1.0	2	0.01	0.01	0.08	0.10	0.1	0.5
30/11/2005	13:39	20.5	0.1	7.4	7.2	1.1	2	0.01	0.01	0.09	0.11	0.1	0.5
02/12/2005	12:10	19.9	0.1	7.2	7.4	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
05/12/2005	13:09	15.3	0.1	7.5	7.6	2.0	2	0.01	0.01	0.09	0.11	0.1	0.5
07/12/2005	08:43	14.3	0.1	7.5	7.3	1.2	2	0.01	0.01	0.09	0.11	0.1	0.5
09/12/2005	17:00	16.9	0.1	7.3	7.5	2.0	2	0.01	0.01	0.08	0.10	0.1	0.5
12/12/2005	11:48	15.3	0.1	7.2	7.3	1.9	2	0.01	0.01	0.07	0.09	0.1	0.5
14/12/2005	13:10	14.3	0.1	9.2	7.6	2.0	2	0.01	0.01	0.07	0.09	0.1	0.5
16/12/2005	12:09	12.3	0.1	10.8	7.4	1.6	2	0.01	0.01	0.08	0.10	0.1	0.5
19/12/2005	12:13	12.1	0.1	9.5	7.1	1.6	2	0.01	0.01	0.08	0.10	0.1	0.5
21/12/2005	10:14	11.3	0.1	10.9	7.4	1.4	2	0.01	0.01	0.07	0.09	0.1	0.5
Average		16.1	0.1	8.3	7.4	1.5	2	0.01	0.01	0.08	0.10	0.1	0.5
Min		11.3	0.1	7.2	7.1	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
Max		21.2	0.1	10.9	7.8	2.0	2	0.01	0.01	0.09	0.11	0.1	0.5
95%-ile (5%-ile)			0.1	(7.2)	7.7	2.0	2	0.01	0.01	0.09	0.11	0.1	0.5
99%-ile (1%-ile)			0.1	(7.2)	7.8	2.0	2	0.01	0.01	0.09	0.11	0.1	0.5

F DA	Mid depth												
	Date	time	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)
26/11/2005	11:41	21.3	0.1	7.8	7.6	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
28/11/2005	12:18	21.3	0.1	7.1	7.7	1.4	2	0.01	0.01	0.07	0.09	0.1	0.5
30/11/2005	13:43	22.4	0.1	9.2	7.6	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
02/12/2005	12:14	20.9	0.1	8.6	7.4	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
05/12/2005	13:13	16.1	0.1	8.3	7.5	1.6	2	0.01	0.01	0.06	0.08	0.1	0.5
07/12/2005	08:47	18.0	0.1	8.7	7.7	3.7	2	0.01	0.01	0.07	0.09	0.1	0.5
09/12/2005	17:04	16.9	0.1	8.3	7.5	2.0	2	0.01	0.01	0.06	0.08	0.1	0.5
12/12/2005	11:52	16.0	0.1	8.9	7.3	1.0	2	0.01	0.01	0.06	0.08	0.1	0.5
14/12/2005	13:14	15.1	0.1	10.0	7.6	1.8	2	0.01	0.01	0.06	0.08	0.1	0.5
16/12/2005	12:13	14.1	0.1	11.0	7.2	2.7	2	0.01	0.01	0.06	0.08	0.1	0.5
19/12/2005	12:17	13.5	0.1	9.6	7.4	4.3	2	0.01	0.01	0.06	0.08	0.1	0.5
21/12/2005	10:18	11.8	0.1	11.0	7.5	3.1	2	0.01	0.01	0.06	0.08	0.1	0.5
Average		17.3	0.1	9.0	7.5	2.1	2	0.01	0.01	0.06	0.08	0.1	0.5
Min		11.8	0.1	7.1	7.2	1.0	2	0.01	0.01	0.06	0.08	0.1	0.5
Max		22.4	0.1	11.0	7.7	4.3	2	0.01	0.01	0.07	0.09	0.1	0.5
95%-ile (5%-ile)			0.1	(7.5)	7.7	4.0	2	0.01	0.01	0.07	0.09	0.1	0.5
99%-ile (1%-ile)			0.1	(7.2)	7.7	4.2	2	0.01	0.01	0.07	0.09	0.1	0.5

BOLD value - < Detection Limit

F UB		Mid depth											
Date	time	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
26/11/2005	11:23	21.3	0.1	7.8	7.9	1.0	4	0.01	0.01	0.06	0.08	0.1	0.5
28/11/2005	12:00	20.6	0.1	7.9	7.5	1.0	2	0.01	0.01	0.10	0.12	0.1	0.5
30/11/2005	13:25	20.6	0.1	6.4	7.5	1.3	2	0.01	0.01	0.10	0.12	0.1	0.5
02/12/2005	11:56	19.6	0.1	6.9	7.6	1.1	2	0.01	0.01	0.08	0.10	0.1	0.5
05/12/2005	12:55	16.1	0.1	8.6	7.6	2.1	8	0.01	0.01	0.05	0.07	0.1	0.5
07/12/2005	08:29	15.0	0.1	8.9	7.5	2.3	2	0.01	0.01	0.1	0.12	0.1	0.5
09/12/2005	16:46	18.6	0.1	7.9	8.0	2.9	2	0.01	0.01	0.05	0.07	0.1	0.5
12/12/2005	11:34	16.4	0.1	8.5	7.7	2.0	8	0.01	0.01	0.04	0.06	0.1	0.5
14/12/2005	12:56	14.4	0.1	9.7	7.6	1.6	3	0.01	0.01	0.04	0.06	0.1	0.5
16/12/2005	11:55	15.1	0.1	10.0	7.8	1.8	2	0.01	0.01	0.04	0.06	0.1	0.5
19/12/2005	12:01	14.9	0.1	8.0	8.1	3.9	8	0.01	0.01	0.04	0.06	0.1	0.5
21/12/2005	10:00	11.5	0.1	10.5	7.7	2.9	2	0.01	0.01	0.07	0.09	0.1	0.5
Average		17.0	0.1	8.4	7.7	2.0	4	0.01	0.01	0.06	0.08	0.1	0.5
Min		11.5	0.1	6.4	7.5	1.0	2	0.01	0.01	0.04	0.06	0.1	0.5
Max		21.3	0.1	10.5	8.1	3.9	8	0.01	0.01	0.10	0.12	0.1	0.5
95%-ile (5%-ile)			0.1	(6.7)	8.0	3.4	8	0.01	0.01	0.10	0.12	0.1	0.5
99%-ile (1%-ile)			0.1	(6.5)	8.1	3.8	8	0.01	0.01	0.10	0.12	0.1	0.5

F DB		Mid depth											
Date	time	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
26/11/2005	08:55	19.1	0.1	9.7	7.5	1.0	2	0.01	0.01	0.09	0.11	0.1	0.5
28/11/2005	09:32	20.6	0.1	7.3	7.2	1.0	2	0.01	0.01	0.09	0.11	0.1	0.5
30/11/2005	10:33	20.6	0.1	6.2	6.9	1.0	2	0.01	0.01	0.10	0.12	0.1	0.5
02/12/2005	09:04	19.6	0.1	7.5	6.9	1.3	2	0.01	0.01	0.08	0.10	0.1	0.5
05/12/2005	10:03	16.3	0.1	8.8	7.1	1.5	2	0.01	0.01	0.10	0.12	0.1	0.5
07/12/2005	06:03	14.9	0.1	9.0	7.3	2.0	3	0.01	0.01	0.1	0.12	0.1	0.5
09/12/2005	14:18	17.6	0.1	8.6	7.4	1.4	2	0.01	0.01	0.09	0.11	0.1	0.5
12/12/2005	09:06	16.0	0.1	8.2	6.8	1.7	2	0.01	0.01	0.09	0.11	0.1	0.5
14/12/2005	10:28	15.3	0.1	9.7	7.0	1.7	2	0.01	0.01	0.09	0.11	0.1	0.5
16/12/2005	09:03	13.8	0.1	10.2	6.8	1.6	2	0.01	0.01	0.09	0.11	0.1	0.5
19/12/2005	09:15	13.2	0.1	8.6	7.7	1.6	2	0.01	0.01	0.09	0.11	0.1	0.5
21/12/2005	05:56	11.9	0.1	10.7	7.0	1.5	2	0.01	0.01	0.06	0.08	0.1	0.5
Average		16.6	0.1	8.7	7.1	1.4	2	0.01	0.01	0.09	0.11	0.1	0.5
Min		11.9	0.1	6.2	6.8	1.0	2	0.01	0.01	0.06	0.08	0.1	0.5
Max		20.6	0.1	10.7	7.7	2.0	3	0.01	0.01	0.10	0.12	0.1	0.5
95%-ile (5%-ile)			0.1	(6.8)	7.6	1.8	2	0.01	0.01	0.10	0.12	0.1	0.5
99%-ile (1%-ile)			0.1	(6.3)	7.7	2.0	3	0.01	0.01	0.10	0.12	0.1	0.5

BOLD value - < Detection Limit

F UC		Mid depth											
Date	time	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
26/11/2005	09:50	22.0	0.1	5.9	6.2	1.6	4	0.01	0.01	0.13	0.15	0.1	0.5
28/11/2005	10:27	21.1	0.1	7.1	7.1	1.0	2	0.01	0.01	0.06	0.08	0.1	0.5
30/11/2005	11:28	20.7	0.1	7.9	7.0	1.0	2	0.01	0.01	0.05	0.07	0.1	0.5
02/12/2005	09:59	20.3	0.1	7.2	6.8	1.0	2	0.01	0.01	0.04	0.06	0.1	0.5
05/12/2005	10:58	16.3	0.1	8.9	6.6	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
07/12/2005	06:58	12.7	0.1	10.5	6.8	1.4	2	0.01	0.01	0.09	0.11	0.1	0.6
09/12/2005	15:13	18.9	0.1	8.3	6.7	2.1	2	0.01	0.01	0.07	0.09	0.1	0.5
12/12/2005	10:01	17.2	0.1	7.2	6.0	2.6	2	0.01	0.01	0.07	0.09	0.1	0.5
14/12/2005	11:23	16.5	0.1	8.8	6.0	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
16/12/2005	09:58	16.1	0.1	9.4	6.0	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
19/12/2005	10:07	16.1	0.1	8.8	6.1	1.0	2	0.01	0.01	0.06	0.08	0.1	0.5
21/12/2005	05:51	11.0	0.1	10.8	6.3	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
Average		17.4	0.1	8.4	6.5	1.3	2	0.01	0.01	0.07	0.09	0.1	0.5
Min		11.0	0.1	5.9	6.0	1.0	2	0.01	0.01	0.04	0.06	0.1	0.5
Max		22.0	0.1	10.8	7.1	2.6	4	0.01	0.01	0.13	0.15	0.1	0.6
95%-ile (5%-ile)			0.1	(6.6)	7.0	2.3	3	0.01	0.01	0.11	0.13	0.1	0.5
99%-ile (1%-ile)			0.1	(6.0)	7.1	2.5	4	0.01	0.01	0.13	0.15	0.1	0.6

F DC		Mid depth											
Date	time	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
26/11/2005	10:03	19.9	0.1	7.4	6.8	1.0	2	0.01	0.01	0.06	0.08	0.1	0.5
28/11/2005	10:40	21.1	0.1	6.3	7.0	1.0	2	0.01	0.01	0.06	0.08	0.1	0.5
30/11/2005	11:41	21.0	0.1	7.9	7.1	1.0	3	0.01	0.01	0.07	0.09	0.1	0.5
02/12/2005	10:12	20.9	0.1	7.1	6.9	1.0	2	0.01	0.01	0.04	0.06	0.1	0.5
05/12/2005	11:11	17.0	0.1	8.6	7.0	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
07/12/2005	07:11	12.9	0.1	11.6	6.8	2.4	2	0.01	0.01	0.07	0.09	0.1	0.6
09/12/2005	15:26	17.1	0.1	8.5	6.8	1.0	2	0.01	0.01	0.05	0.07	0.1	0.5
12/12/2005	10:14	17.0	0.1	7.9	6.2	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
14/12/2005	11:36	15.8	0.1	9.7	6.8	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
16/12/2005	10:11	14.6	0.1	9.8	6.6	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
19/12/2005	10:21	14.5	0.1	9.7	6.7	1.0	2	0.01	0.01	0.06	0.08	0.1	0.5
21/12/2005	06:04	11.1	0.1	11.0	6.6	1.0	2	0.01	0.01	0.07	0.09	0.1	0.5
Average		16.9	0.1	8.8	6.8	1.1	2	0.01	0.01	0.06	0.08	0.1	0.5
Min		11.1	0.1	6.3	6.2	1.0	2	0.01	0.01	0.04	0.06	0.1	0.5
Max		21.1	0.1	11.6	7.1	2.4	3	0.01	0.01	0.07	0.09	0.1	0.6
95%-ile (5%-ile)			0.1	(6.7)	7.0	1.6	2	0.01	0.01	0.07	0.09	0.1	0.5
99%-ile (1%-ile)			0.1	(6.4)	7.1	2.2	3	0.01	0.01	0.07	0.09	0.1	0.6

BOLD value - < Detection Limit

F Inland Marsh		Mid depth											
Date	time	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	SS (mg/L)	NH ₃ -N (mg/L)	NO ₂ -N (mg/L)	NO ₃ -N (mg/L)	TIN (mg/L)	TP (mg/L)	Chl a (µg/L)
26/11/2005	12:04	20.7	0.1	5.9	6.9	1.1	2	0.01	0.01	0.01	0.03	0.1	0.5
28/11/2005	12:41	21.9	0.1	6.1	7.1	1.6	2	0.01	0.01	0.01	0.03	0.1	0.5
30/11/2005	14:06	21.1	0.1	6.7	7.0	1.5	2	0.01	0.01	0.01	0.03	0.1	0.5
02/12/2005	12:37	19.9	0.1	6.6	6.7	3.9	2	0.01	0.01	0.01	0.03	0.1	0.5
05/12/2005	13:36	16.3	0.1	8.7	6.5	2.3	2	0.01	0.01	0.01	0.03	0.1	0.5
07/12/2005	09:10	14.6	0.1	9.8	7.9	1.6	2	0.01	0.01	0.01	0.03	0.1	0.8
09/12/2005	17:27	16.6	0.1	7.6	6.9	1.0	2	0.01	0.01	0.01	0.03	0.1	0.5
12/12/2005	12:15	16.6	0.1	7.7	6.8	1.6	2	0.01	0.01	0.01	0.03	0.1	0.5
14/12/2005	13:37	14.5	0.1	9.3	7.2	2.2	2	0.01	0.01	0.01	0.03	0.1	0.5
16/12/2005	12:36	14.4	0.1	9.6	6.9	1.3	2	0.01	0.01	0.01	0.03	0.1	0.5
19/12/2005	12:42	12.9	0.1	8.4	6.8	1.6	2	0.01	0.01	0.01	0.03	0.1	0.5
21/12/2005	10:41	11.9	0.1	10.1	6.9	1.9	2	0.01	0.01	0.01	0.03	0.1	0.5
Average		16.8	0.1	8.0	7.0	1.8	2	0.01	0.01	0.01	0.03	0.1	0.5
Min		11.9	0.1	5.9	6.5	1.0	2	0.01	0.01	0.01	0.03	0.1	0.5
Max		21.9	0.1	10.1	7.9	3.9	2	0.01	0.01	0.01	0.03	0.1	0.8
95%-ile (5%-ile)			0.1	(6.0)	7.5	3.0	2	0.01	0.01	0.01	0.03	0.1	0.6
99%-ile (1%-ile)			0.1	(5.9)	7.8	3.7	2	0.01	0.01	0.01	0.03	0.1	0.8

BOLD value - <Detection Limit