

4/20/2008	Water	Sampling	Temp (°C)		Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		SS (mg/L)	
Marine Station	depth (m)	depth (m)	mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood
M_RO1	5.4	surface	21.5	22.2	32.1	32.6	7.7	7.5	8.0	8.0	<1	<1	8.0	7.0
		bottom	21.5	21.8	32.2	32.5	7.4	7.4	7.9	8.1	1.3	<1	3.0	4.0
KLW	14.7	surface	21.5	22.0	32.1	32.5	7.6	7.6	8.1	8.0	<1	<1	4.0	4.0
		middle	21.4	22.3	32.1	32.6	7.6	7.7	8.1	8.1	<1	<1	5.0	6.0
		bottom	20.4	20.9	32.0	32.4	6.9	7.1	8.0	8.0	1.7	1.3	3.0	4.0
M_A	8.1	surface	21.5	21.6	32.2	32.5	7.6	7.6	8.1	8.0	<1	<1	5.0	3.0
		middle	21.3	22.0	32.2	32.7	7.4	7.6	8.1	8.0	<1	<1	4.0	7.0
		bottom	20.8	21.3	32.2	32.9	7.4	7.6	8.0	8.1	2.1	<1	6.0	3.0
M_Marsh	8.6	surface	21.7	22.0	32.7	32.9	7.5	7.3	8.1	8.0	<1	<1	3.0	3.0
		middle	21.6	22.5	32.7	33.2	7.3	7.2	8.0	8.0	<1	<1	9.0	8.0
		bottom	21.5	21.9	32.7	33.6	7.1	7.2	8.0	8.0	1.2	<1	3.0	5.0
TTC	10.1	surface	21.7	22.3	32.9	33.5	7.3	7.2	7.9	7.9	<1	<1	3.0	9.0
		middle	21.6	22.3	32.9	33.6	7.3	7.5	7.9	7.9	<1	<1	3.0	4.0
		bottom	21.0	21.5	32.9	33.7	6.7	6.3	7.9	7.9	1.7	1.9	5.0	5.0
M_Coral	11.1	surface	22.2	22.5	32.7	33.2	7.8	7.4	8.1	8.0	<1	<1	5.0	6.0
		middle	21.4	21.8	32.6	32.9	7.9	8.0	8.0	8.0	<1	<1	4.0	3.0
		bottom	20.9	21.3	32.6	33.0	7.6	7.4	7.9	7.9	2.8	2.2	7.0	6.0
M_B	17.8	surface	22.3	22.6	32.5	32.8	7.9	7.7	8.1	8.1	<1	<1	5.0	8.0
		middle	21.3	21.6	32.5	33.2	8.0	8.0	8.1	8.1	<1	<1	2.0	5.0
		bottom	21.1	21.6	32.5	32.9	7.9	8.0	8.1	8.1	<1	<1	4.0	9.0
KS	12.3	surface	22.6	23.0	32.6	33.4	7.6	7.4	8.2	8.1	<1	<1	5.0	6.0
		middle	21.4	22.3	32.5	33.2	7.7	7.8	8.1	8.0	<1	<1	5.0	3.0
		bottom	20.9	21.2	32.5	33.5	7.3	7.3	8.1	8.0	1.4	<1	3.0	6.0
Fresh water station	Conductivity	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	Suspended solid (mg/L)							
F Filter	-	22.3	<0.1	7.6	7.2	2.5	<2							
Lake 1D	379	22.3	0.2	8.1	7.2	50.2	38.0							
FD A	-	24.3	<0.1	8.2	7.4	168.0	96.0							
FD B	-	24.3	<0.1	7.9	7.6	103.0	79.0							
FD C	-	23.8	<0.1	8.1	6.0	115.0	78.0							
F Inland M	-	22.9	<0.1	8.7	7.9	3.1	6.0							

4/20/2008	Water depth (m)	Sampling depth (m)	Suspended solid (mg/L)		NH ₃ -N (mg/L)		NO ₃ -N (mg/L)		NO ₂ -N (mg/L)		TIN (mg/L)		Ortho P (mg/L)		Chlorophyll a (ug/L)	
Marine Station			mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood	mid-ebb	mid-flood
M_RO1	5.4	surface	8.0	7.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	14.7	surface	4.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	5.0	6.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	8.1	surface	5.0	3.0	0.03	0.04	0.06	0.02	<0.01	<0.01	0.10	0.07	<0.01	<0.01	2.00	1.70
		middle	4.0	7.0	0.05	0.04	0.06	0.06	<0.01	<0.01	0.12	0.11	<0.01	<0.01	1.80	1.80
		bottom	6.0	3.0	0.03	0.04	0.06	0.06	<0.01	<0.01	0.10	0.11	<0.01	<0.01	2.30	1.90
M_Marsh	8.6	surface	3.0	3.0	0.04	0.04	0.05	0.04	<0.01	<0.01	0.10	0.09	<0.01	<0.01	1.80	2.60
		middle	9.0	8.0	0.04	0.05	0.05	0.04	<0.01	<0.01	0.10	0.10	<0.01	<0.01	1.90	0.90
		bottom	3.0	5.0	0.08	0.05	0.06	0.04	<0.01	<0.01	0.15	0.10	<0.01	<0.01	2.20	2.50
TTC	10.1	surface	3.0	9.0	0.05	0.04	0.06	0.04	<0.01	<0.01	0.12	0.09	<0.01	<0.01	1.80	2.50
		middle	3.0	4.0	0.06	0.04	0.06	0.04	<0.01	<0.01	0.13	0.09	<0.01	<0.01	2.00	1.90
		bottom	5.0	5.0	0.07	0.09	0.06	0.04	<0.01	<0.01	0.14	0.14	<0.01	<0.01	1.90	2.00
M_Coral	11.1	surface	5.0	6.0	0.04	0.04	0.05	0.05	<0.01	<0.01	0.10	0.10	<0.01	<0.01	1.80	2.20
		middle	4.0	3.0	0.06	0.04	0.05	0.05	<0.01	<0.01	0.12	0.10	<0.01	<0.01	1.80	2.20
		bottom	7.0	6.0	0.06	0.04	0.06	0.05	<0.01	<0.01	0.13	0.10	<0.01	<0.01	1.80	2.20
M_B	17.8	surface	5.0	8.0	0.04	0.05	0.06	0.07	<0.01	<0.01	0.11	0.13	<0.01	<0.01	2.00	2.00
		middle	2.0	5.0	0.04	0.04	0.06	0.06	<0.01	<0.01	0.11	0.11	<0.01	<0.01	1.80	2.00
		bottom	4.0	9.0	0.04	0.04	0.07	0.07	<0.01	<0.01	0.12	0.12	<0.01	<0.01	2.20	1.90
KS	12.3	surface	5.0	6.0	0.04	0.03	0.06	2.49	<0.01	0.04	0.11	2.56	<0.01	<0.01	2.10	<0.5
		middle	5.0	3.0	0.04	0.04	0.06	0.06	<0.01	<0.01	0.11	0.11	<0.01	<0.01	2.00	2.10
		bottom	3.0	6.0	0.05	0.04	0.08	0.06	<0.01	<0.01	0.14	0.11	<0.01	<0.01	2.20	1.80
Fresh water station	TKN	TP	Suspended solid (mg/L)		NH ₃ -N (mg/L)		NO ₃ -N (mg/L)		NO ₂ -N (mg/L)		TIN (mg/L)		Ortho P (mg/L)		Chlorophyll a (ug/L)	
F Ffilter	-	-	2		0.01		0.01		0.18		0.20		3.9		0.8	
Lake 1D	<0.1	<0.1	38		<0.01		0.01		0.49		0.51		0.5		1.0	
F DA	-	-	96		0.03		0.04		<0.01		0.08		<0.01		2.1	
FD B	-	-	79		<0.01		0.47		0.01		0.49		0.02		1.4	
F DC	-	-	78		<0.01		0.47		0.01		0.49		0.01		1.0	
F Inland M	-	-	6		<0.01		0.47		0.01		0.49		0.01		1.0	

#: Detail information is provided in the respectively EM&A report
 * - no water discharge from the headwall of Hole 5 or 6 during sampling