

8/19/2008	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	5.3	surface	27.8	27.9	30.4	31.2	7.7	7.5	8.2	8.1	<1	<1	3.0	3.0
		bottom	25.0	25.0	32.2	33.7	6.2	5.6	8.1	8.1	<1	<1	4.0	5.0
KLW	12.7	surface	27.8	27.5	30.5	31.2	7.5	7.3	8.3	8.2	<1	<1	4.0	4.0
		middle	25.2	25.4	32.2	33.1	6.9	7.0	8.2	8.2	2.6	1.7	5.0	7.0
		bottom	23.5	23.6	32.7	33.8	3.8	4.1	7.9	7.9	1.1	1.6	3.0	3.0
M_A	7.6	surface	27.6	27.8	30.7	31.2	7.3	7.2	8.3	8.2	<1	<1	6.0	2.0
		middle	27.0	27.1	31.5	33.0	7.4	7.1	8.3	8.3	<1	1.0	4.0	3.0
		bottom	24.4	24.6	32.8	33.6	4.3	4.5	8.0	8.0	2.6	2.2	7.0	7.0
M_Marsh	7.6	surface	27.4	27.6	31.8	32.1	7.5	7.1	8.3	8.2	<1	<1	4.0	4.0
		middle	26.0	26.1	32.8	33.8	7.0	6.7	8.3	8.2	2.0	1.5	7.0	6.0
		bottom	24.5	24.9	33.5	34.2	4.7	4.8	8.1	8.0	3.2	2.8	8.0	9.0
TTC	9.2	surface	27.4	27.6	31.4	32.5	7.2	7.1	8.3	8.2	<1	<1	4.0	<2
		middle	25.6	25.7	32.8	33.6	7.2	7.1	8.3	8.3	1.4	1.9	6.0	6.0
		bottom	23.7	23.9	33.5	34.1	3.8	3.9	8.0	8.0	6.7	5.1	6.0	5.0
M_Coral	9.1	surface	27.6	27.6	31.5	32.6	7.3	7.1	8.3	8.2	<1	<1	5.0	2.0
		middle	26.3	26.5	32.4	33.7	7.0	7.1	8.3	8.2	<1	<1	2.0	3.0
		bottom	24.8	24.9	33.1	34.3	5.1	4.9	8.2	8.1	<1	<1	8.0	4.0
M_B	16.3	surface	27.2	27.3	31.8	32.2	7.2	7.0	8.4	8.3	<1	<1	<2	4.0
		middle	26.0	26.1	32.6	33.4	7.2	7.1	8.4	8.2	<1	<1	2.0	4.0
		bottom	24.4	24.4	33.5	34.2	4.9	5.1	8.1	8.0	<1	<1	3.0	5.0
KS	11.8	surface	27.3	27.4	31.6	32.6	7.1	7.0	8.4	8.3	<1	<1	2.0	3.0
		middle	26.2	26.3	32.4	33.6	7.2	7.1	8.4	8.3	<1	<1	3.0	2.0
		bottom	24.6	24.7	33.3	34.2	4.9	5.0	8.1	8.0	<1	<1	3.0	4.0
Fresh water station	Conductivity	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	Suspended solid (mg/L)							
F_Filter	-	*	<0.1	*	*	*	*							
Lake 1D	469	25.1	0.1	7.1	7.2	3.6	<2							
FD_A	-	25.9	<0.1	7.7	7.9	3.0	2.0							
FD_B	-	25.5	<0.1	7.7	7.6	3.3	3.0							
FD_C	-	25.6	<0.1	7.8	7.4	1.5	3.0							
F_Inland_M	-	26.7	<0.1	8.8	8.3	2.2	3.0							

8/19/2008	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	5.3	surface	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	4.0	5.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	12.7	surface	4.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	5.0	7.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	7.6	surface	6.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4	3
		middle	4.0	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4	3
		bottom	7.0	7.0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	0	<0.01	<0.01	4	3
M_Marsh	7.6	surface	4.0	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4	3
		middle	7.0	6.0	<0.01	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4	3
		bottom	8.0	9.0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4	3
TTC	9.2	surface	4.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	5	3
		middle	6.0	6.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4	4
		bottom	6.0	5.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	5	4
M_Coral	9.1	surface	5.0	2.0	<0.01	<0.01	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4	2
		middle	2.0	3.0	0	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	<0.01	5	2
		bottom	8.0	4.0	<0.01	<0.01	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4	2
M_B	16.3	surface	<2	4.0	<0.01	<0.01	0	0	<0.01	<0.01	0	<0.01	<0.01	<0.01	3	2
		middle	2.0	4.0	<0.01	<0.01	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	3	2
		bottom	3.0	5.0	<0.01	<0.01	<0.01	0	<0.01	<0.01	<0.01	0	<0.01	<0.01	3	2
KS	11.8	surface	2.0	3.0	<0.01	<0.01	0	0	<0.01	<0.01	0	<0.01	<0.01	<0.01	3	2
		middle	3.0	2.0	<0.01	<0.01	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2	3
		bottom	3.0	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	3	2
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_Filter	-	-	-	-		-		-		-		-		-		
Lake 1D	0.2	0.2	<2	<0.01		0.15		0.01		0.17		0.19		0.5		
FD_A	-	-	2.0	<0.01		<0.01		<0.01		<0.01		<0.01		<0.5		
FD_B	-	-	3.0	<0.01		<0.01		<0.01		<0.01		<0.01		0.6		
FD_C	-	-	3.0	<0.01		<0.01		<0.01		<0.01		<0.01		<0.5		
F_Inland_M	-	-	3.0	<0.01		0.30		<0.01		0.32		<0.01		0.5		

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