

14-10-2008	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	5.5	surface	25.7	26.2	27.3	30.6	6.9	6.8	8.3	8.2	<1	<1	2.0	3.0
		bottom	26.0	26.2	31.7	33.2	4.2	4.1	8.0	8.1	<1	<1	4.0	4.0
KLW	12.8	surface	24.8	25.3	24.7	27.7	6.9	7.0	8.2	8.1	<1	1.0	2.0	2.0
		middle	25.6	25.1	33.8	32.3	3.8	3.6	8.0	7.9	<1	<1	4.0	3.0
		bottom	24.0	24.0	32.6	32.6	3.4	3.4	7.8	7.8	1.7	1.7	4.0	3.0
M_A	7.9	surface	24.5	25.1	22.9	24.9	7.1	7.0	8.2	8.1	2.7	2.2	9.0	3.0
		middle	25.2	25.5	32.5	33.6	3.2	3.6	7.9	7.9	1.3	1.7	4.0	3.0
		bottom	25.0	25.3	32.5	34.6	2.9	3.1	7.9	8.0	1.8	2.3	4.0	3.0
M_Marsh	8.0	surface	25.2	26.1	18.9	21.9	7.2	6.9	8.2	8.0	6.1	5.7	4.0	4.0
		middle	26.0	26.2	32.5	33.8	3.9	4.0	8.0	8.1	<1	<1	4.0	4.0
		bottom	24.6	24.7	33.2	34.9	2.9	3.3	7.8	7.9	3.7	3.0	2.0	2.0
TTC	9.6	surface	24.0	25.2	24.8	27.0	6.7	6.6	8.2	8.1	2.2	1.7	3.0	4.0
		middle	25.0	25.5	33.0	34.0	3.2	3.4	7.9	8.0	1.3	1.6	4.0	4.0
		bottom	24.1	24.3	33.2	34.8	3.4	3.6	7.9	8.0	2.6	2.2	4.0	2.0
M_Coral	10.1	surface	24.7	25.1	28.0	30.1	7.3	7.2	8.3	8.2	<1	<1	4.0	4.0
		middle	26.7	27.1	31.6	33.1	5.9	6.0	8.1	8.1	<1	<1	3.0	2.0
		bottom	24.8	25.6	32.7	34.1	3.9	4.1	7.9	8.0	<1	<1	4.0	3.0
M_B	16.5	surface	26.1	26.6	28.9	31.3	7.5	7.7	8.4	8.3	<1	<1	4.0	4.0
		middle	27.1	27.5	32.0	34.1	6.1	6.2	8.2	8.2	<1	<1	3.0	3.0
		bottom	24.2	24.3	33.1	34.7	4.2	4.3	7.9	8.0	<1	<1	0.0	4.0
KS	12.3	surface	26.2	26.6	29.0	31.2	7.3	7.4	8.4	8.3	<1	<1	4.0	4.0
		middle	26.5	27.2	32.0	33.8	6.1	6.3	8.2	8.1	<1	<1	3.0	3.0
		bottom	24.7	25.0	32.8	34.1	3.9	4.0	7.9	8.0	<1	<1	3.0	3.0
Fresh water station	Conductivity	Temp (°C)	Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		Suspended solid (mg/L)			
F_Filter	-	*	*		*		*		*		*			
Lake 1D	498	25.0	0.2		7.2		7.2		2.5		2.0			
FD_A	-	24.1	<0.1		7.5		7.6		2.4		2.0			
FD_B	-	23.2	<0.1		8.7		7.5		2.8		2.0			
FD_C	-	24.1	<0.1		8.9		7.5		6.8		4.0			
F_Inland_M	-	24.6	<0.1		7.6		7.9		2.5		4.0			

14-10-2008	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	5.5	surface	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	4.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	12.8	surface	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	4.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	4.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	7.9	surface	9.0	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4.1	3.2
		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	3.8	2.7
		bottom	4.0	3.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	3.9	3.1
M_Marsh	8.0	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	4.1	3.1
		middle	4.0	4.0	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4.0	2.9
		bottom	2.0	2.0	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	3.7	3.3
TTC	9.6	surface	3.0	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	5.1	3.3
		middle	4.0	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4.4	3.5
		bottom	4.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	4.6	3.8
M_Coral	10.1	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	4.4	1.9
		middle	3.0	2.0	0.02	<0.01	<0.01	0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	4.6	1.5
		bottom	4.0	3.0	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	3.9	1.8
M_B	16.5	surface	4.0	4.0	<0.01	<0.01	0.02	0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	2.5	2.0
		middle	3.0	3.0	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.5	1.8
		bottom	-	4.0	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	2.6	1.8
KS	12.3	surface	4.0	4.0	<0.01	<0.01	0.02	0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	2.7	1.9
		middle	3.0	3.0	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.3	2.5
		bottom	3.0	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.5	2.4
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		<0.01		0.15		<0.01		0.17		0.18		<0.5	
FD_A	-	-	2.0		<0.01		0.18		<0.01		0.20		<0.01		0.6	
FD_B	-	-	2.0		<0.01		0.19		<0.01		0.21		<0.01		<0.5	
FD_C	-	-	4.0		<0.01		0.14		<0.01		0.16		<0.01		<0.5	
F_Inland_M	-	-	4.0		<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