

19/02/2010	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	17.9	18.0	31.8	31.7	7.9	7.6	8.1	8.1	<1	<1	2.0	2.0
		bottom	17.9	18.0	31.8	31.7	7.9	7.4	8.0	8.1	<1	<1	2.0	3.0
KLW	13.7	surface	18.2	18.2	31.8	31.7	7.8	7.4	8.1	8.1	<1	1.4	3.0	2.0
		middle	18.1	18.0	31.7	31.7	7.6	7.3	8.1	8.1	<1	<1	4.0	<2
		bottom	17.6	17.6	31.7	31.7	7.5	7.3	8.0	8.0	1.8	1.5	2.0	2.0
M_A	7.6	surface	18.3	18.4	31.8	31.7	8.1	7.7	8.1	8.2	1.1	1.3	2.0	3.0
		middle	18.2	18.3	31.8	31.8	8.0	7.7	8.1	8.2	1.2	1.2	2.0	2.0
		bottom	18.2	18.3	31.8	31.8	8.0	7.7	8.1	8.1	1.5	1.6	2.0	2.0
M_Marsh	8.0	surface	18.1	18.1	31.8	31.8	7.9	7.9	8.1	8.2	1.0	1.1	2.0	2.0
		middle	18.1	18.0	31.9	31.7	8.2	8.1	8.1	8.1	1.0	1.1	4.0	2.0
		bottom	17.9	17.9	31.9	31.7	8.0	8.0	8.1	8.1	1.2	2.3	2.0	2.0
TTC	9.8	surface	18.2	18.2	31.9	31.8	8.5	8.3	8.2	8.2	1.2	<1	2.0	3.0
		middle	18.2	18.2	31.9	31.8	8.4	8.1	8.2	8.2	1.5	<1	3.0	2.0
		bottom	17.7	18.2	32.3	32.2	8.7	8.2	8.0	8.0	<1	<1	2.0	2.0
M_Coral	8.2	surface	17.7	18.1	31.8	31.9	8.3	8.8	8.1	8.2	<1	1.0	2.0	2.0
		middle	17.7	17.9	31.8	31.8	8.3	8.3	8.1	8.2	<1	<1	2.0	<2
		bottom	17.7	17.8	31.8	31.8	8.3	8.2	8.1	8.1	<1	<1	2.0	2.0
M_B	17.3	surface	17.4	17.5	32.0	31.8	8.2	8.3	8.1	8.1	<1	<1	<2	2.0
		middle	16.9	17.4	31.9	31.8	7.9	8.2	8.0	8.1	1.8	1.0	2.0	2.0
		bottom	16.9	17.3	31.9	31.8	8.0	8.2	8.0	8.1	1.8	<1	2.0	3.0
KS	11.5	surface	17.6	17.9	32.0	32.0	7.9	8.0	8.1	8.1	1.0	<1	<2	2.0
		middle	17.6	17.6	32.0	31.9	7.8	7.4	8.1	8.1	1.0	1.9	3.0	2.0
		bottom	17.5	17.6	32.0	32.0	7.8	7.4	8.0	8.1	1.1	1.3	3.0	2.0
Fresh water station	Conductivity	Temp (°C)	Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		Suspended solid (mg/L)			
F_Filter	-	*	<0.1		*		*		*		*			
Lake 1D	498	17.3	0.2		8.2		7.3		2.2		3.0			
FD_A	-	16.8	<0.1		10.1		7.4		2.6		2.0			
FD_B	-	16.6	<0.1		9.1		7.0		2.7		2.0			
FD_C	-	17.0	<0.1		8.8		7.1		<1		2.0			
F_Inland_M	-	16.1	<0.1		8.7		6.9		1.3		3.0			

19/02/2010	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	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.7	surface	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	4.0	<2	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	7.6	surface	2.0	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.9	0.9
		middle	2.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.0	1.1
		bottom	2.0	2.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.1	1.0
M_Marsh	8.0	surface	2.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.0	1.1
		middle	4.0	2.0	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.1	1.1
		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	1.2	1.1
TTC	9.8	surface	2.0	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.5	1.6
		middle	3.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.6	1.6
		bottom	2.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.4	1.5
M_Coral	8.2	surface	2.0	2.0	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.6	1.3
		middle	2.0	<2	0.02	<0.01	<0.01	0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	1.7	1.7
		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	1.7	1.3
M_B	17.3	surface	<2	2.0	<0.01	<0.01	0.02	0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	1.0	0.9
		middle	2.0	2.0	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.1	0.9
		bottom	2.0	3.0	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.6	1.5
KS	11.5	surface	<2	2.0	<0.01	<0.01	0.02	0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	1.8	1.7
		middle	3.0	2.0	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.5	1.7
		bottom	3.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.7	1.0
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	3.0		<0.01		0.15		0.01		0.17		0.19		0.6	
FD_A	-	-	2.0		<0.01		<0.01		<0.01		<0.01		<0.01		<0.5	
FD_B	-	-	2.0		<0.01		<0.01		<0.01		<0.01		<0.01		<0.5	
FD_C	-	-	2.0		<0.01		<0.01		<0.01		<0.01		<0.01		<0.5	
F_Inland_M	-	-	3.0		<0.01		<0.01		<0.01		<0.01		<0.01		0.70	

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