

5/24/2009	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	5.6	surface	25.7	25.4	25.3	28.9	6.7	6.8	8.0	7.9	<1	<1	3.0	2.0
		bottom	25.5	25.7	29.0	25.3	6.9	6.8	8.3	8.0	1.6	2.1	2.0	<2
M_RO2	8.9	surface	26.9	26.7	23.5	25.9	6.4	6.6	8.2	8.1	1.6	1.3	2.0	2.0
		middle	26.6	26.4	23.6	26.0	6.4	6.5	8.0	8.1	1.9	1.6	3.0	2.0
		bottom	26.5	26.5	26.0	23.5	6.5	6.6	8.3	8.4	2.7	3.0	3.0	2.0
KLW	13.5	surface	25.5	25.6	25.5	29.2	6.6	6.9	8.1	8.0	1.7	1.5	3.0	2.0
		middle	25.7	25.3	25.5	29.2	6.4	6.4	8.0	8.0	2.0	1.3	3.0	<2
		bottom	25.3	25.7	29.3	25.6	6.5	6.5	8.1	8.1	2.2	2.5	3.0	2.0
M_A	8.5	surface	27.0	26.9	23.5	24.9	6.5	6.7	8.2	8.1	8.7	7.6	3.0	3.0
		middle	26.4	26.5	23.5	25.0	6.1	6.3	8.0	8.1	1.0	1.3	4.0	3.0
		bottom	26.5	25.3	25.1	23.5	6.4	6.4	8.2	8.2	2.3	2.7	4.0	2.0
M_Marsh	8.9	surface	26.3	26.6	24.9	25.7	6.8	6.6	8.0	8.1	13.1	10.2	2.0	3.0
		middle	25.9	26.3	25.0	25.7	6.3	6.1	8.2	8.1	5.0	3.8	3.0	2.0
		bottom	26.1	25.0	27.0	25.0	6.3	6.3	8.4	8.2	4.1	3.8	4.0	3.0
TTC	10.0	surface	26.4	26.7	26.3	28.6	6.8	6.9	8.0	8.1	1.3	1.8	3.0	3.0
		middle	26.3	26.2	26.4	28.7	6.7	6.5	8.0	8.1	1.0	1.2	3.0	3.0
		bottom	26.5	26.0	28.7	26.5	6.5	6.3	8.2	8.1	3.1	2.4	3.0	3.0
M_Coral	8.9	surface	26.5	26.3	26.0	28.5	6.3	6.5	8.1	8.0	1.9	1.4	3.0	2.0
		middle	25.7	25.7	26.1	28.4	6.3	6.4	8.1	8.0	2.1	2.0	2.0	2.0
		bottom	25.7	25.8	28.3	26.0	6.5	6.6	8.3	8.2	4.0	4.6	4.0	2.0
M_B	17.2	surface	26.0	26.1	26.5	28.9	6.5	6.7	8.0	8.1	1.5	1.1	2.0	3.0
		middle	24.2	24.3	26.5	28.9	6.6	6.3	8.0	8.0	1.8	2.0	2.0	2.0
		bottom	24.4	24.3	29.0	26.4	6.8	6.7	8.3	8.1	2.7	2.5	2.0	2.0
KS	13.6	surface	26.9	26.5	26.7	28.3	6.4	6.7	8.0	8.1	2.0	2.2	2.0	2.0
		middle	24.7	24.8	26.8	28.4	6.0	6.2	8.1	8.0	2.3	1.5	4.0	3.0
		bottom	24.8	24.7	28.4	26.8	6.3	6.3	8.3	8.1	2.5	2.2	3.0	2.0
Fresh water station	Conductivity	Temp (°C)		Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		Suspended solid (mg/L)		
F Filter	-	25.6		<0.1		7.5		6.9		1.6		2.0		
Lake 1D	489	25.7		0.2		6.8		7.0		2.6		2.0		
FD A	-	25.3		<0.1		8.0		7.4		1.1		3.0		
FD B	-	25.3		<0.1		8.1		7.5		1.5		3.0		
FD C	-	25.1		<0.1		8.0		7.0		2.3		2.0		
F Inland M	-	25.9		<0.1		7.8		7.8		2.8		2.0		

5/24/2009	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	5.6	surface	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	<2	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.5	surface	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	3.0	<2	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	8.5	surface	3.0	3.0	0.02	<0.01	0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	1.8	0.8
		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	1.7	1.4
		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	1.7	1.3
M_Marsh	8.9	surface	2.0	3.0	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.9	1.3
		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	1.3
		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	1.6	1.3
TTC	10.0	surface	3.0	3.0	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.4	1.3
		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	1.6	1.4
		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	1.5	1.2
M_Coral	8.9	surface	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	1.8
		middle	2.0	2.0	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	1.9	1.9
		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	1.7	1.6
M_B	17.2	surface	2.0	3.0	0.01	0.01	0.01	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.9	1.8
		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	1.4	1.2
		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	1.8	1.1
KS	13.6	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	0.8	2.2
		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	1.8	2.0
		bottom	3.0	2.0	0.01	0.01	0.01	0.02	<0.01	<0.01	<0.01	0.04	0.01	<0.01	1.9	1.9
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	-	-	2.0		<0.01		0.01		<0.01		<0.01		<0.01		<0.5	
Lake 1D	0.3	0.3	2.0		0.05		0.03		0.02		0.10		0.30		1.5	
FD A	-	-	3.0		<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		<0.5	
FD C	-	-	2.0		<0.01		<0.01		<0.01		<0.01		<0.01		<0.5	
F Inland M	-	-	2.0		<0.01		<0.01		<0.01		<0.01		<0.01		1.2	

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