

4/30/2009	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	5.3	surface	26.7	27.3	29.2	30.3	6.4	7.4	8.1	8.2	<1	<1	3.0	3.0
		bottom	24.2	24.3	31.6	32.7	7.3	7.7	8.1	8.1	<1	<1	<2	2.0
M_RO2	8.2	surface	27.0	27.7	29.4	30.5	6.8	7.2	8.1	8.3	<1	<1	2.0	5.0
		middle	24.3	24.4	32.3	33.2	7.2	7.7	8.0	8.1	<1	<1	3.0	4.0
		bottom	24.2	24.3	32.3	33.2	6.8	7.3	8.0	8.1	1.3	<1	4.0	4.0
KLW	13.1	surface	26.9	27.5	28.9	30.2	7.1	7.3	8.0	8.2	<1	<1	2.0	4.0
		middle	24.1	24.1	31.9	33.0	6.7	6.8	8.2	8.0	1.2	1.6	<2	<2
		bottom	24.1	24.1	31.9	33.2	6.5	6.5	8.2	8.0	2.6	2.6	<2	<2
M_A	8.1	surface	26.8	26.9	29.5	31.0	7.5	7.5	8.1	8.2	1.6	<1	2.0	2.0
		middle	24.4	24.9	31.6	32.7	6.3	7.6	8.0	8.1	1.8	2.4	2.0	2.0
		bottom	24.1	24.1	31.8	33.0	4.7	5.0	7.9	7.9	2.3	2.2	<2	3.0
M_Marsh	8.0	surface	27.1	27.5	28.9	30.3	6.6	6.7	8.1	8.2	<1	<1	3.0	4.0
		middle	24.2	24.6	31.9	33.0	6.6	6.4	7.9	8.0	<1	1.1	4.0	4.0
		bottom	24.1	24.2	31.9	33.1	6.1	6.4	7.9	8.0	1.5	2.4	<2	2.0
TTC	9.7	surface	27.1	27.7	29.4	30.4	6.7	7.1	8.1	8.2	<1	<1	2.0	4.0
		middle	24.3	24.4	32.1	33.1	7.1	7.3	7.9	8.1	<1	<1	4.0	2.0
		bottom	23.5	23.6	33.2	32.4	6.0	6.2	8.2	8.2	2.3	2.1	3.0	3.0
M_Coral	8.6	surface	27.3	26.4	30.0	31.7	7.3	7.4	8.0	8.2	<1	<1	2.0	3.0
		middle	24.4	24.5	32.8	33.1	7.5	7.6	7.8	8.1	<1	<1	3.0	3.0
		bottom	24.2	24.2	33.0	33.3	7.1	7.1	7.8	8.1	2.2	2.3	3.0	3.0
M_B	16.7	surface	27.2	27.4	31.0	31.6	7.5	7.5	8.1	8.3	<1	<1	3.0	3.0
		middle	24.3	24.3	33.0	33.3	7.5	7.5	7.9	8.1	<1	<1	4.0	3.0
		bottom	24.2	24.2	33.1	33.4	7.1	7.3	7.9	8.1	<1	<1	<2	3.0
KS	12.3	surface	26.8	27.3	30.9	31.2	7.4	7.4	8.2	8.2	<1	<1	3.0	2.0
		middle	24.2	24.7	32.8	32.7	7.4	7.4	8.0	8.1	<1	<1	<2	4.0
		bottom	24.1	24.3	33.1	33.1	7.3	7.3	8.0	8.1	<1	<1	2.0	3.0
Fresh water station	Conductivity	Temp (°C)	Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		Suspended solid (mg/L)			
F Filter	-	-	-		-		-		-		-			
Lake 1D	544	26.3	0.2		6.8		7.1		2.5		4.0			
FD A	-	26.1	<0.1		8.1		7.3		2.1		2.0			
FD B	-	25.1	<0.1		8.3		7.5		2.0		3.0			
FD C	-	25.4	<0.1		8.1		6.8		1.5		<2			
F Inland M	-	25.0	<0.1		8.3		7.5		2.2		3.0			

Remarks

1. No water discharge from the headwall of Hole 5 or 6 was found during sampling.

4/30/2009	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	5.3	surface	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	<2	2.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.1	surface	2.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	<2	<2	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	<2	<2	-	-	-	-	-	-	-	-	-	-	-	-
M_A	8.1	surface	2.0	2.0	0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	0.5	<0.5
		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	0.6	0.5
		bottom	<2	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.5	0.5
M_Marsh	8.0	surface	3.0	4.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.1	1.1
		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	1.1	1.0
		bottom	<2	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.0	1.0
TTC	9.7	surface	2.0	4.0	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.4	1.4
		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	1.3	1.5
		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	1.5	1.3
M_Coral	8.6	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	1.2	1.0
		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	1.0	1.0
		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	1.0	1.0
M_B	16.7	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	0.9	0.9
		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	1.0	1.1
		bottom	<2	3.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.1	1.0
KS	12.3	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	1.1	1.8
		middle	<2	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.2	1.5
		bottom	2.0	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.1	1.8
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	0.3	0.3	4.0		0.02		0.05		0.04		0.11		0.30		1.4	
FD_A	-	-	2.0		0.02		<0.01		<0.01		0.04		<0.01		1.0	
FD_B	-	-	3.0		<0.01		<0.01		<0.01		<0.01		<0.01		0.9	
FD_C	-	-	<2		0.01		<0.01		<0.01		<0.01		<0.01		0.7	
F Inland M	-	-	3.0		<0.01		<0.01		<0.01		<0.01		<0.01		1.3	

Remarks

1. No water discharge from the headwall of Hole 5 or 6 was found during sampling.