

14/12/2009	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	5.7	surface	22.1	21.6	32.4	31.1	7.5	7.8	8.2	8.3	2.1	2.3	2.0	2.0
		bottom	21.7	22.0	32.6	31.1	7.5	7.8	8.4	8.3	2.7	3.1	2.0	2.0
M_RO2	8.5	surface	22.5	21.2	31.9	30.9	7.4	7.6	8.2	8.3	1.9	1.7	3.0	3.0
		middle	21.9	21.2	32.7	31.2	7.4	7.5	8.3	8.4	1.3	1.8	2.0	3.0
		bottom	31.5	21.2	32.9	31.2	7.5	7.6	8.3	8.4	2.2	1.9	2.0	2.0
KLW	14.0	surface	22.3	21.4	32.2	31.0	7.7	7.9	8.2	8.4	2.3	2.8	3.0	2.0
		middle	21.8	21.5	32.3	31.1	7.4	7.8	8.2	8.4	2.2	2.8	2.0	3.0
		bottom	22.0	21.5	32.4	31.1	7.6	7.6	8.2	8.4	2.1	2.3	2.0	3.0
M_A	8.2	surface	22.4	21.3	32.2	31.0	7.5	7.4	8.3	8.3	2.3	2.4	2.0	2.0
		middle	22.1	21.5	32.3	31.2	7.4	7.5	8.3	8.4	2.1	2.3	2.0	3.0
		bottom	21.8	21.5	32.4	31.2	7.3	7.5	8.3	8.4	1.5	1.7	2.0	3.0
M_Marsh	8.5	surface	22.6	21.1	32.6	31.0	7.5	7.4	8.2	8.3	1.9	2.1	2.0	4.0
		middle	21.6	21.2	32.2	31.2	7.6	7.5	8.3	8.4	1.5	1.8	3.0	3.0
		bottom	21.6	21.2	32.6	31.3	7.4	7.6	8.2	8.3	1.6	1.8	2.0	4.0
TTC	10.2	surface	22.5	21.1	31.6	30.8	7.4	7.6	8.2	8.2	1.9	2.1	2.0	2.0
		middle	21.7	21.3	32.2	31.1	7.3	7.4	8.0	8.4	1.6	1.7	3.0	2.0
		bottom	22.2	22.2	31.5	34.0	7.3	7.5	8.4	8.3	1.6	1.3	2.0	2.0
M_Coral	10.2	surface	22.8	21.3	32.2	31.3	7.4	7.5	8.2	8.3	2.0	1.8	2.0	2.0
		middle	22.0	21.6	32.6	31.2	7.3	7.4	8.3	8.3	1.7	2.1	3.0	2.0
		bottom	22.4	22.1	32.8	31.5	7.3	7.4	8.3	8.3	1.9	1.7	3.0	3.0
M_B	17.3	surface	22.9	21.5	32.4	31.1	7.3	7.5	8.3	8.3	1.7	1.6	2.0	2.0
		middle	22.3	21.9	32.6	31.6	7.4	7.6	8.3	8.3	2.2	2.1	3.0	3.0
		bottom	22.4	22.2	32.9	31.6	7.4	7.6	8.3	8.3	1.8	1.6	2.0	3.0
KS	13.8	surface	22.6	21.3	32.8	31.4	7.4	7.5	8.2	8.3	1.8	1.7	2.0	2.0
		middle	21.9	21.4	32.6	31.3	7.3	7.4	8.3	8.3	2.1	1.8	2.0	2.0
		bottom	22.3	22.1	32.9	31.6	7.3	7.4	8.3	8.4	2.0	1.9	2.0	2.0
Fresh water station	Conductivity	Temp (°C)	Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		Suspended solid (mg/L)			
F_Filter	-	-	-		-		-		-		-		-	
Lake 1D	517	20.5	0.2		7.5		7.2		2.2		3.0			
FD_A	-	19.3	<0.1		9.2		7.3		2.9		3.0			
FD_B	-	19.4	<0.1		9.0		7.6		1.6		3.0			
FD_C	-	19.0	<0.1		9.2		6.6		2.7		<2			
F_Inland_M	-	19.8	<0.1		8.9		7.4		2.7		2.0			

Remarks

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

14/12/2009	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	5.7	surface	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	14.0	surface	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	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	1.7	1.7
		middle	2.0	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.4	1.9
		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	1.7
M_Marsh	8.5	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	1.8	1.6
		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	1.7	1.7
		bottom	2.0	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.7	1.5
TTC	10.2	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	1.9	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	1.7	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	1.7	1.5
M_Coral	10.2	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	1.5	1.8
		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	1.1	2.0
		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	1.8	2.0
M_B	17.3	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	2.0	1.6
		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	1.4	2.0
		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	1.8	2.0
KS	13.8	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	1.5	1.6
		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	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	1.6
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	0.1	3.0		0.02		0.01		<0.01		0.04		0.03		1.1	
FD_A	-	-	3.0		<0.01		<0.01		<0.01		<0.01		<0.01		0.6	
FD_B	-	-	3.0		<0.01		<0.01		<0.01		<0.01		<0.01		<0.5	
FD_C	-	-	<2		<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		<0.5	

Remarks

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