

19/08/2009	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	5.8	surface	29.2	28.3	25.5	27.1	7.0	7.1	8.1	7.9	1.1	1.4	3.0	2.0
		bottom	29.5	27.4	27.4	28.2	6.9	6.9	8.0	8.0	2.4	2.8	3.0	3.0
M_RO2	9.0	surface	28.7	28.1	24.2	26.7	6.3	6.5	8.1	8.1	1.8	1.8	3.0	3.0
		middle	27.6	27.3	27.2	31.1	6.9	6.7	8.2	8.1	1.7	1.8	3.0	3.0
		bottom	27.2	27.2	27.3	31.2	5.9	6.4	8.2	8.1	1.4	2.0	2.0	2.0
KLW	13.0	surface	28.8	27.9	25.4	27.3	7.0	7.2	8.1	8.0	2.3	1.3	4.0	3.0
		middle	27.5	27.9	29.1	26.8	6.7	6.4	8.0	8.1	1.6	2.0	3.0	3.0
		bottom	28.5	28.5	27.5	27.5	5.3	5.3	7.9	7.9	2.0	2.0	2.0	2.0
M_A	8.2	surface	29.2	28.2	24.1	26.0	7.0	7.1	8.1	8.1	1.5	1.4	4.0	2.0
		middle	28.0	27.4	27.1	29.1	6.7	6.7	8.2	8.0	2.1	1.7	3.0	3.0
		bottom	27.6	27.4	27.0	30.1	6.3	6.4	8.2	8.1	1.6	1.5	2.0	3.0
M_Marsh	8.2	surface	29.3	28.3	25.2	27.2	6.7	6.8	8.2	8.1	1.7	1.3	3.0	2.0
		middle	27.5	27.3	27.1	29.4	6.7	6.7	8.0	8.0	1.4	1.8	3.0	2.0
		bottom	27.5	27.2	27.0	30.9	6.3	6.2	8.0	8.0	1.3	2.1	3.0	3.0
TTC	10.0	surface	29.1	28.2	25.0	27.9	7.0	7.1	8.0	8.0	2.0	1.7	3.0	3.0
		middle	27.9	27.3	26.9	31.2	6.3	6.7	8.2	8.2	1.5	1.7	3.0	<2
		bottom	26.9	26.8	27.9	31.2	6.0	6.4	8.0	8.1	1.4	2.1	2.0	3.0
M_Coral	8.0	surface	29.3	28.2	25.5	28.3	7.1	6.7	8.2	8.1	1.7	2.8	3.0	3.0
		middle	27.0	27.6	28.6	32.4	5.6	6.3	8.2	8.1	1.6	1.4	2.0	4.0
		bottom	27.3	27.1	26.8	32.4	6.2	6.2	8.2	8.0	2.0	2.1	<2	4.0
M_B	16.3	surface	29.2	27.2	26.8	30.8	6.7	7.2	8.2	8.2	1.1	1.8	2.0	3.0
		middle	26.5	26.5	28.2	32.2	6.6	6.7	8.3	8.1	1.5	1.5	3.0	2.0
		bottom	25.8	25.9	29.3	33.8	6.2	6.3	8.2	8.0	1.7	1.8	2.0	3.0
KS	12.0	surface	28.9	28.2	25.9	29.7	7.4	7.1	8.2	8.1	1.3	2.1	4.0	<2
		middle	27.1	27.3	28.1	31.5	6.4	6.8	8.3	8.2	1.3	2.0	2.0	2.0
		bottom	27.0	27.2	28.4	31.8	6.6	6.4	8.2	8.2	1.4	1.8	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	547	27.9	0.2		6.3		7.1		2.2		2.0			
FD_A	-	25.8	<0.1		8.3		7.4		1.7		2.0			
FD_B	-	26.8	<0.1		8.5		7.2		2.0		2.0			
FD_C	-	26.7	<0.1		8.1		6.9		1.6		2.0			
F_Inland_M	-	27.8	<0.1		7.7		7.5		1.8		3.0			

Remarks

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

19/08/2009	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	5.8	surface	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.0	surface	4.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	8.2	surface	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
		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	1.2	1.3
		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	2.0	1.4
M_Marsh	8.2	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	1.7	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	1.6	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	2.5	1.8
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	1.2	1.4
		middle	3.0	<2	0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	1.1	1.6
		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	1.3	1.6
M_Coral	8.0	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	1.3	1.2
		middle	2.0	4.0	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.6	1.5
		bottom	<2	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.6	1.2
M_B	16.3	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	1.9	1.1
		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	1.8	1.2
		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	1.3	1.3
KS	12.0	surface	4.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.7	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	1.8	1.8
		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	1.4	1.4
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		0.11		<0.01		0.13		0.02		0.7	
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		<0.5	

Remarks

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