2/19/2009	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	5.5	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	3.0	3.0
		bottom	18.5	18.7	30.2	32.0	7.2	7.4	8.2	8.3	2.2	2.5	3.0	4.0
M_RO2	8.3	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	2.0	2.0
		middle	18.3	18.6	30.2	32.1	7.2	7.3	8.2	8.3	2.6	2.2	2.0	2.0
		bottom	18.5	18.7	30.2	32.0	7.2	7.4	8.2	8.3	2.2	2.5	3.0	2.0
KLW	13.2	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	2.0	2.0
		middle	18.3	18.6	30.2	32.1	7.2	7.3	8.2	8.3	2.6	2.2	2.0	5.0
		bottom	18.5	18.7	30.2	32.0	7.2	7.4	8.2	8.3	2.2	2.5	2.0	3.0
M_A	7.6	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	2.0	3.0
		middle	18.3	18.6	30.2	32.1	7.2	7.3	8.2	8.3	2.6	2.2	3.0	2.0
		bottom	18.5	18.7	30.2	32.0	7.2	7.4	8.2	8.3	2.2	2.5	3.0	3.0
M_Marsh	8.3	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	2.0	3.0
		middle	18.3	18.6	30.2	32.1	7.2	7.3	8.2	8.3	2.6	2.2	2.0	2.0
		bottom	18.5	18.7	30.2	32.0	7.2	7.4	8.2	8.3	2.2	2.5	2.0	3.0
TTC	9.6	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	3.0	2.0
		middle	18.3	18.6	30.2	32.1	7.2	7.3	8.2	8.3	2.6	2.2	2.0	4.0
		bottom	31.5	21.2	32.9	31.2	7.5	7.6	8.3	8.4	2.2	1.9	2.0	3.0
M_Coral	9.6	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	3.0	4.0
		middle	18.3	18.6	30.2	32.1	7.2	7.3	8.2	8.3	2.6	2.2	2.0	2.0
		bottom	18.5	18.7	30.2	32.0	7.2	7.4	8.2	8.3	2.2	2.5	2.0	2.0
M_B	16.7	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	2.0	2.0
		middle	18.3	18.6	30.2	32.1	7.2	7.3	8.2	8.3	2.6	2.2	2.0	3.0
		bottom	18.5	18.7	31.0	32.0	6.9	7.4	8.4	8.3	2.0	2.5	2.0	2.0
KS	13.4	surface	18.2	19.3	30.0	32.1	7.1	7.3	8.1	8.2	2.5	2.3	2.0	2.0
		middle	18.3	18.6	30.2	32.1	7.2	7.3	8.2	8.3	2.6	2.2	2.0	4.0
		bottom	19.3	18.7	30.5	32.0	7.1	7.4	8.4	8.3	2.2	2.5	3.0	2.0

Fresh water station	Conductivity		Temp (°C)		Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		Suspended solid (mg/L)	
F_Filter	-		*		*		*		*		*		*	
Lake 1D	478		19.8		0.2		7.0		7.1		2.3		2.0	
FD_A	-		15.6		<0.1		9.4		6.8		3.0		3.0	
FD_B	-		15.2		<0.1		9.5		6.6		1.8		3.0	
FD_C	-		15.3		<0.1		9.4		6.7		2.0		3.0	
F_Inland_M	-		19.8		<0.1		8.9		7.4		3.0		2.0	

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

2/19/2009 Marine Station	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)	
			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	5.5	surface	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.2	surface	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	2.0	5.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	7.6	surface	2.0	3.0	0.04	0.04	<0.01	<0.01	<0.01	<0.01	0.06	0.06	<0.01	<0.01	1.8	1.8
		middle	3.0	2.0	0.04	0.03	<0.01	<0.01	<0.01	<0.01	0.06	0.05	<0.01	<0.01	2.0	2.0
		bottom	3.0	3.0	0.04	0.04	<0.01	0.01	<0.01	<0.01	0.06	0.06	<0.01	<0.01	2.2	2.4
M_Marsh	8.3	surface	2.0	3.0	0.03	0.04	<0.01	<0.01	<0.01	<0.01	0.05	0.06	<0.01	<0.01	2.3	2.1
		middle	2.0	2.0	0.03	0.04	<0.01	<0.01	<0.01	<0.01	0.05	0.06	<0.01	<0.01	3.6	3.9
		bottom	2.0	3.0	0.02	0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	6.2	5.9
TTC	9.6	surface	3.0	2.0	0.05	0.02	<0.01	<0.01	<0.01	<0.01	0.07	0.04	0	<0.01	6.0	5.1
		middle	2.0	4.0	0.03	0.02	<0.01	<0.01	<0.01	<0.01	0.05	0.04	<0.01	<0.01	4.0	3.6
		bottom	2.0	2.0	0.03	0.04	<0.01	<0.01	<0.01	<0.01	0.05	0.06	<0.01	<0.01	4.7	5.3
M_Coral	9.6	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	3.9	3.3
		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	2.4	3.0
		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	2.6	2.2
M_B	16.7	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	2.7	3.6
		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	2.9	3.8
		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	1.7	1.7
KS	13.4	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	3.0	3.3
		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	2.7	3.2
		bottom	3.0	2.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.5	1.2

Fresh water station	TKN	TP	Suspended solid (mg/L)	NH3-N (mg/L)	NO3-N (mg/L)	NO2-N (mg/L)	TIN (mg/L)	Ortho P (mg/L)	Chlorophyll a (ug/L)
F_Filter	-	-	3	-	-	-	-	-	-
Lake 1D	0.5	0.2	2.0	<0.01	<0.01	0.08	0.10	0.05	2.5
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	-	-	3.0	0.02	<0.01	<0.01	0.04	<0.01	<0.5
F_Inland_M	-	-	2.0	0.04	0.21	<0.01	0.26	<0.01	1.20

Remarks

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