3/5/2009	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	5.4	surface	17.9	18.1	29.3	31.5	7.7	7.5	8.2	8.4	1.9	2.0	3.0	3.0
		bottom	18.1	18.3	30.0	31.5	7.7	7.6	8.2	8.3	1.6	1.3	3.0	3.0
M_RO2	8.1	surface	18.1	17.9	30.0	32.1	7.7	7.7	8.1	8.2	1.4	2.0	3.0	<2
		middle	18.2	18.1	30.1	32.1	7.6	7.7	8.1	8.3	1.9	1.5	<2	<2
		bottom	18.1	18.2	30.1	32.3	7.8	7.7	8.2	8.4	1.3	2.1	3.0	2.0
KLW	13.2	surface	17.9	18.2	29.8	31.9	7.6	7.7	8.1	8.3	1.3	1.4	<2	2.0
		middle	18.2	18.3	29.9	31.9	7.6	7.6	8.2	8.4	1.9	1.9	3.0	2.0
		bottom	18.3	18.4	29.9	31.9	8.0	7.6	8.1	8.2	2.0	1.5	4.0	3.0
M_A	7.7	surface	18.0	18.3	29.5	31.8	7.7	7.6	8.1	8.3	1.8	2.1	2.0	<2
		middle	18.3	18.5	29.6	31.8	7.7	7.5	8.2	8.3	1.8	2.1	3.0	2.0
		bottom	18.3	18.4	29.6	32.1	7.6	7.5	8.1	8.3	1.3	2.0	3.0	3.0
M_Marsh	8.1	surface	18.3	18.2	29.7	31.9	7.7	7.5	8.1	8.3	1.5	2.1	2.0	4.0
		middle	18.3	18.4	29.6	31.9	7.6	7.7	8.1	8.3	2.1	1.6	4.0	4.0
		bottom	18.3	18.2	29.8	31.9	7.7	7.5	8.1	8.2	1.3	2.1	4.0	3.0
TTC	9.9	surface	18.0	17.9	29.6	31.5	7.6	7.5	8.0	8.3	1.6	1.8	2.0	3.0
		middle	18.2	18.1	29.9	31.9	7.6	7.5	8.1	8.3	1.8	1.8	3.0	5.0
		bottom	18.2	18.2	30.0	31.8	7.6	7.7	8.1	8.3	2.3	1.4	2.0	2.0
M_Coral	8.3	surface	18.2	18.1	30.1	32.2	7.7	7.5	8.1	8.4	1.5	1.6	3.0	3.0
		middle	18.2	18.1	30.2	32.3	7.6	7.7	8.2	8.4	1.6	1.9	<2	3.0
		bottom	18.2	18.1	30.1	32.4	7.7	7.6	8.2	8.3	1.8	2.1	2.0	4.0
M_B	16.7	surface	18.0	17.8	30.3	32.0	7.8	7.8	8.1	8.4	1.3	1.2	2.0	3.0
		middle	18.1	17.9	30.4	32.2	7.8	7.8	8.1	8.4	1.1	1.2	3.0	4.0
		bottom	18.2	18.1	30.3	32.3	7.6	7.6	8.1	8.4	1.1	1.2	4.0	<2
KS	12.8	surface	18.1	18.1	30.1	32.2	7.7	7.6	8.2	8.4	2.3	1.2	3.0	2.0
		middle	18.3	18.2	30.1	32.5	7.6	7.8	8.1	8.3	1.3	1.4	3.0	3.0
		bottom	18.3	18.2	30.4	32.4	7.5	7.5	8.2	8.4	1.5	1.7	<2	2.0

Fresh water station	Conductivity	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	Suspended solid (mg/L)
F_Filter	-	*	*	*	*	*	*
Lake 1D	497	19.3	0.2	6.9	7.1	2.1	<2
FD_A	-	14.4	<0.1	10.0	7.1	2.7	3.0
FD_B	-	14.3	<0.1	9.7	7.0	1.5	3.0
FD_C	-	14.2	<0.1	9.7	7.0	1.6	2.0
F_Inland_M	-	15.1	<0.1	9.7	7.5	2.2	2.0

Remarks

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

3/5/2009	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	5.4	surface	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.2	surface	<2	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	4.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	7.7	surface	2.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	3.4	2.9
		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	3.5	2.8
		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	3.0	3.0
M_Marsh	8.1	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	3.0	2.7
		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	3.3	2.5
		bottom	4.0	3.0	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	2.8	2.5
TTC	9.9	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	3.7	2.5
		middle	3.0	5.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	3.2	2.3
		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	2.8	2.5
M_Coral	8.3	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	2.4	2.3
		middle	<2	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.7	2.4
		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	2.9	2.3
M_B	16.7	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	3.1	2.8
		middle	3.0	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.4	2.6
		bottom	4.0	<2	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.4	2.6
KS	12.8	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	2.6	1.7
		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	2.7	1.8
		bottom	<2	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.7	1.8

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	-	-		-	-	-	-	-	-
Lake 1D	0.3	0.2	<2	0.03	0.02	0.30	0.35	0.30	2.2
FD_A	-	-	3.0	0.02	0.18	<0.01	0.21	<0.01	<0.5
FD_B	-	-	3.0	<0.01	0.14	<0.01	0.16	<0.01	0.5
FD_C	-	-	2.0	0.03	0.08	<0.01	0.12	<0.01	<0.5
F_Inland_M	-	-	2.0	0.01	0.01	0.01	0.03	<0.01	<0.5

Remarks

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