7/6/2009	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	5.6	surface	27.8	28.3	27.5	29.8	6.3	6.5	8.1	8.3	2.1	1.6	2.0	2.0
		bottom	27.9	28.3	27.6	29.9	6.6	6.4	8.0	8.4	1.4	1.1	3.0	4.0
M_RO2	8.3	surface	27.9	28.8	27.6	29.3	6.2	6.3	8.1	8.3	2.5	2.6	3.0	2.0
		middle	27.9	28.8	27.6	29.3	6.5	5.7	8.1	8.3	2.1	1.6	5.0	3.0
		bottom	27.9	28.8	27.6	29.3	5.8	5.9	8.0	8.4	2.2	2.7	3.0	2.0
KLW	11.9	surface	28.0	28.3	27.5	29.8	6.0	6.5	8.1	8.3	2.1	1.6	3.0	2.0
		middle	28.0	28.3	27.5	29.9	6.0	6.3	8.0	8.3	1.8	1.8	3.0	4.0
		bottom	28.0	28.3	27.5	30.0	5.7	6.1	8.0	8.4	2.1	2.2	2.0	3.0
M_A	8.1	surface	27.9	28.4	27.1	29.3	6.1	6.3	8.1	8.3	2.3	1.5	3.0	2.0
		middle	27.9	28.4	27.1	29.3	6.0	6.0	8.0	8.3	1.3	1.6	3.0	3.0
		bottom	27.9	28.4	27.6	29.3	6.6	6.4	8.0	8.4	1.5	1.5	4.0	3.0
M_Marsh	8.9	surface	27.7	28.3	27.3	29.8	6.0	6.5	8.1	8.3	1.9	1.6	2.0	4.0
		middle	27.7	28.3	27.3	29.7	5.7	6.0	8.0	8.3	1.3	1.5	<2	2.0
		bottom	27.7	28.3	27.3	29.9	6.6	6.4	8.0	8.4	1.4	1.1	<2	2.0
TTC	9.4	surface	27.9	28.5	27.8	29.9	6.1	6.3	8.1	8.3	1.3	2.1	2.0	2.0
		middle	27.9	28.5	27.8	29.9	6.3	5.9	8.0	8.3	1.6	1.6	4.0	2.0
		bottom	27.5	28.0	26.5	27.1	6.2	6.1	8.1	8.3	1.3	1.3	3.0	2.0
M_Coral	8.7	surface	28.1	28.4	27.6	30.1	6.1	5.7	8.0	8.3	1.7	1.8	5.0	2.0
		middle	28.1	28.4	27.6	30.1	5.8	5.7	8.0	8.3	1.6	1.6	3.0	3.0
		bottom	28.1	28.4	27.6	30.1	5.9	5.5	8.0	8.4	2.1	2.0	2.0	2.0
M_B	16.5	surface	27.8	28.3	28.8	29.8	6.3	6.5	8.1	8.3	1.1	1.6	2.0	2.0
		middle	27.8	28.3	28.9	29.7	6.2	6.0	8.0	8.3	1.4	1.5	<2	2.0
		bottom	27.8	28.3	28.9	29.9	6.4	6.3	8.1	8.4	1.3	1.4	5.0	2.0
KS	12.0	surface	27.9	28.0	27.9	30.0	6.1	6.2	8.0	8.3	1.3	1.5	2.0	2.0
		middle	27.9	28.0	27.9	30.0	5.8	5.9	8.0	8.4	1.6	1.6	3.0	3.0
		bottom	27.9	28.0	27.9	30.0	6.2	6.1	8.1	8.4	1.3	1.2	4.0	2.0

Fresh water station	Conductivity	Temp (°C)	Salinity (ppt)	DO (mg/L)	pH	Turbidity (NTU)	Suspended solid (mg/L)
F_Filter	-	-	-	-	-	-	-
Lake 1D	557	27.8	0.2	6.6	7.0	2.7	2.0
FD_A	-	28.1	<0.1	7.5	7.2	2.3	2.0
FD_B	-	27.5	<0.1	8.1	7.4	1.2	2.0
FD_C	-	28.1	<0.1	7.7	7.0	1.3	<2
F_Inland_M	-	28.9	<0.1	7.7	7.1	2.6	2.0

Remarks

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

7/6/2009	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	5.6	surface	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	11.9	surface	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	3.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	8.1	surface	3.0	2.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.0	1.4
		middle	3.0	3.0	<0.01	0.02	<0.01	<0.01	<0.01	0.01	<0.01	0.04	<0.01	<0.01	1.2	1.4
		bottom	4.0	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.1	1.2
M_Marsh	8.9	surface	2.0	4.0	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	1.2	1.2
		middle	<2	2.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	1.2	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	1.4	1.4
TTC	9.4	surface	2.0	2.0	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	1.4	1.5
		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	1.2	1.4
		bottom	4.0	3.0	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	1.4	1.4
M_Coral	8.7	surface	5.0	2.0	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	1.3	1.3
		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	1.3	1.4
		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	1.2	1.3
M_B	16.5	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	1.3	1.5
		middle	<2	2.0	<0.01	0.04	<0.01	0.02	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	1.1	1.5
		bottom	5.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.3	1.6
KS	12.0	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	1.2	1.3
		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	4.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.0	1.5

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	0.2	0.3	2.0	0.02	0.11	<0.01	0.14	<0.01	1.1
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	<0.01	<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	0.7

Remarks

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