27/11/2009	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	22.3	22.6	31.5	33.1	7.4	7.4	8.2	8.3	2.9	2.5	2.0	3.0
		bottom	22.3	22.3	32.0	33.3	7.6	7.6	8.3	8.4	2.4	2.0	2.0	3.0
M_RO2	8.2	surface	21.5	22.4	31.9	33.6	7.5	7.4	8.4	8.3	1.8	2.1	4.0	3.0
		middle	21.6	21.9	32.2	34.2	7.6	7.5	8.4	8.3	1.3	1.4	2.0	4.0
		bottom	21.6	21.7	32.3	34.2	7.6	7.5	8.5	8.4	2.0	2.0	4.0	2.0
KLW	13.1	surface	22.3	22.9	31.9	33.2	7.4	7.5	8.2	8.3	2.1	2.0	3.0	2.0
		middle	22.2	22.5	32.2	34.1	7.4	7.3	8.3	8.3	2.9	2.2	3.0	3.0
		bottom	22.2	22.2	32.3	34.1	7.2	7.1	8.3	8.3	2.1	1.9	3.0	2.0
M_A	7.6	surface	21.9	22.5	31.5	33.0	7.7	7.5	8.3	8.4	1.7	1.9	2.0	2.0
		middle	22.0	22.4	31.8	33.3	7.9	7.5	8.4	8.3	1.7	2.0	3.0	2.0
		bottom	22.0	22.0	32.0	33.7	7.9	7.6	8.4	8.3	2.2	1.8	2.0	2.0
M_Marsh	8.3	surface	21.8	22.4	31.6	33.3	7.5	7.4	8.3	8.3	2.0	2.4	4.0	4.0
		middle	21.7	22.0	32.2	34.0	7.7	7.6	8.5	8.3	2.3	2.2	2.0	4.0
		bottom	21.7	21.8	32.2	34.1	7.7	7.6	8.5	8.4	2.6	2.3	2.0	2.0
TTC	9.7	surface	21.6	22.6	31.6	33.7	7.5	7.3	8.3	8.4	1.4	1.6	2.0	2.0
		middle	21.6	21.9	32.0	33.9	7.6	7.4	8.4	8.3	1.6	1.3	3.0	3.0
		bottom	21.6	21.7	32.1	34.0	7.6	7.5	8.4	8.3	2.2	2.0	2.0	4.0
M_Coral	9.5	surface	21.7	22.6	31.1	33.4	7.6	7.5	8.4	8.3	1.7	1.5	2.0	2.0
		middle	21.9	22.2	31.8	34.0	7.3	7.5	8.3	8.2	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_B	16.5	surface	21.3	22.3	31.8	33.6	7.4	7.3	8.4	8.3	1.5	1.2	2.0	2.0
		middle	22.4	22.5	32.1	34.6	7.4	7.5	8.4	8.3	1.8	2.2	3.0	2.0
		bottom	22.3	22.3	32.0	34.2	7.3	7.4	8.4	8.3	1.5	1.7	2.0	3.0
KS	13.5	surface	21.7	22.8	31.9	33.8	7.3	7.3	8.4	8.2	1.6	1.7	2.0	3.0
		middle	22.3	22.5	32.1	34.1	7.6	7.5	8.4	8.3	1.6	1.7	2.0	2.0
		bottom	22.7	22.6	32.2	34.3	7.5	7.3	8.4	8.3	1.9	1.7	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	540	21.3	0.2	7.3	7.2	1.8	3.0
FD_A	-	19.8	<0.1	9.1	7.2	3.0	2.0
FD_B	-	19.8	<0.1	9.2	7.3	2.2	3.0
FD_C	-	19.7	<0.1	9.3	6.7	1.8	<2
F_Inland_M	-	20.1	<0.1	8.8	7.3	3.1	2.0

Remarks

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

27/11/2009	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	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.1	surface	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	7.6	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	1.8	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	1.7	1.8
		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_Marsh	8.3	surface	4.0	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	1.9	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	1.2	1.8
		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	1.5	1.6
TTC	9.7	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	1.8	1.1
		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	1.8	1.9
		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	1.4	1.6
M_Coral	9.5	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	1.8	1.9
		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	1.7	1.0
		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	1.7	1.2
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	1.4	1.3
		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	1.5	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	1.7	1.6
KS	13.5	surface	2.0	3.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.01	0.01	1.1	1.9
		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	1.4	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	1.2	1.1

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	0.1	3.0	0.03	0.03	<0.01	0.07	0.01	0.8
FD_A	-	-	2.0	<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	-	-	<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.