

20/01/2010	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	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	<2
M_RO2	8.9	surface	18.1	17.9	30.0	32.1	7.7	7.7	8.1	8.2	1.4	2.0	<2	<2
		middle	18.2	18.1	30.1	32.1	7.6	7.7	8.1	8.3	1.9	1.5	4.0	2.0
		bottom	18.1	18.2	30.1	32.3	7.8	7.7	8.2	8.4	1.3	2.1	<2	<2
KLW	12.8	surface	17.9	18.2	29.8	31.9	7.6	7.7	8.1	8.3	1.3	1.4	2.0	3.0
		middle	18.2	18.3	29.9	31.9	7.6	7.6	8.2	8.4	1.9	1.9	2.0	<2
		bottom	18.3	18.4	29.9	31.9	8.0	7.6	8.1	8.2	2.0	1.5	<2	2.0
M_A	8.2	surface	18.0	18.3	29.5	31.8	7.7	7.6	8.1	8.3	1.8	2.1	3.0	<2
		middle	18.3	18.5	29.6	31.8	7.7	7.5	8.2	8.3	1.8	2.1	<2	2.0
		bottom	18.3	18.4	29.6	32.1	7.6	7.5	8.1	8.3	1.3	2.0	<2	<2
M_Marsh	8.3	surface	18.3	18.2	29.7	31.9	7.7	7.5	8.1	8.3	1.5	2.1	<2	3.0
		middle	18.3	18.4	29.6	31.9	7.6	7.7	8.1	8.3	2.1	1.6	2.0	<2
		bottom	18.3	18.2	29.8	31.9	7.7	7.5	8.1	8.2	1.3	2.1	2.0	2.0
TTC	9.7	surface	18.0	17.9	29.6	31.5	7.6	7.5	8.0	8.3	1.6	1.8	<2	<2
		middle	18.2	18.1	29.9	31.9	7.6	7.5	8.1	8.3	1.8	1.8	2.0	3.0
		bottom	18.6	19.3	30.3	32.2	7.6	7.6	8.1	8.3	1.6	1.7	2.0	<2
M_Coral	8.1	surface	18.2	18.1	30.1	32.2	7.7	7.5	8.1	8.4	1.5	1.6	2.0	2.0
		middle	18.2	18.1	30.2	32.3	7.6	7.7	8.2	8.4	1.6	1.9	<2	2.0
		bottom	18.2	18.1	30.1	32.4	7.7	7.6	8.2	8.3	1.8	2.1	3.0	<2
M_B	16.3	surface	18.0	17.8	30.3	32.0	7.8	7.8	8.1	8.4	1.3	1.2	<2	<2
		middle	18.1	17.9	30.4	32.2	7.8	7.8	8.1	8.4	1.1	1.2	3.0	<2
		bottom	18.2	18.1	30.3	32.3	7.6	7.6	8.1	8.4	1.1	1.2	3.0	2.0
KS	13.4	surface	18.1	18.1	30.1	32.2	7.7	7.6	8.2	8.4	2.3	1.2	<2	<2
		middle	18.3	18.2	30.1	32.5	7.6	7.8	8.1	8.3	1.3	1.4	2.0	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	517	20.0	0.2		7.4		7.2		1.9		3.0			
FD_A	-	14.4	<0.1		10.0		7.1		2.0		2.0			
FD_B	-	14.3	<0.1		9.7		7.0		3.0		2.0			
FD_C	-	14.2	<0.1		9.7		7.0		2.3		3.0			
F_Inland_M	-	15.1	<0.1		9.7		7.5		2.6		<2			

Remarks

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

20/01/2010	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	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	<2	-	-	-	-	-	-	-	-	-	-	-	-
KLW	12.8	surface	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	2.0	<2	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	<2	2.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	8.2	surface	3.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.3	1.1
		middle	<2	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.3	1.3
		bottom	<2	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.2	1.1
M_Marsh	8.3	surface	<2	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
		middle	2.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.6	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	1.3	1.4
TTC	9.7	surface	<2	<2	<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	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	1.4
		bottom	<2	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.1	1.9
M_Coral	8.1	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	1.1	1.4
		middle	<2	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	3.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.2	1.1
M_B	16.3	surface	<2	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.3	1.3
		middle	3.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.5	1.1
		bottom	3.0	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.2	1.1
KS	13.4	surface	<2	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.0	1.1
		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	2.0	1.9
		bottom	<2	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.1	1.9
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	0.1	3.0		0.02		0.02		<0.01		0.05		0.03		1.6	
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	-	-	3.0		<0.01		<0.01		<0.01		<0.01		<0.01		<0.5	
F_Inland_M	-	-	<2		<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.