

4/18/2009	Water depth (m)	Sampling depth (m)	Temp (°C)		Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		SS (mg/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
M_RO1	5.5	surface	18.7	19.1	28.3	29.3	6.8	6.9	8.0	8.3	1.3	2.1	4.0	2.0
		bottom	18.9	19.9	28.7	29.9	6.7	6.9	8.0	8.2	1.9	1.3	3.0	3.0
M_RO2	8.2	surface	18.9	20.3	28.3	30.1	6.7	7.0	8.0	8.4	2.3	1.6	3.0	<2
		middle	19.3	20.3	28.4	30.5	6.6	6.7	8.1	8.3	2.2	2.3	4.0	<2
		bottom	19.2	20.3	28.3	30.4	6.7	6.5	8.2	8.4	1.7	1.7	4.0	3.0
KLW	13.0	surface	18.7	19.9	28.1	29.8	7.0	6.8	8.0	8.3	1.8	1.5	3.0	4.0
		middle	18.9	20.0	28.7	30.1	6.5	6.7	8.0	8.3	1.6	1.5	3.0	2.0
		bottom	18.7	19.9	28.3	29.5	6.7	6.7	8.0	8.3	1.3	2.0	3.0	3.0
M_A	8.0	surface	18.7	19.3	28.0	29.1	6.5	6.6	8.0	8.3	1.8	1.9	4.0	3.0
		middle	18.7	19.9	28.1	29.9	6.9	6.8	8.1	8.3	1.3	1.8	5.0	4.0
		bottom	18.9	19.9	28.7	29.9	6.7	6.7	8.1	8.4	1.8	3.0	4.0	2.0
M_Marsh	7.9	surface	18.9	19.8	28.1	29.7	6.7	6.5	8.1	8.3	1.8	2.2	3.0	2.0
		middle	18.5	19.9	28.3	29.7	6.8	6.8	8.1	8.3	1.5	1.7	3.0	3.0
		bottom	18.9	20.1	28.2	29.3	7.0	6.4	8.1	8.3	2.3	2.1	3.0	3.0
TTC	9.6	surface	19.0	20.5	28.3	30.0	6.7	6.4	8.0	8.3	1.9	1.7	2.0	3.0
		middle	18.3	20.4	28.7	30.1	6.6	6.7	8.0	8.4	1.3	1.8	2.0	4.0
		bottom	19.1	21.0	28.2	30.1	6.6	6.7	8.1	8.3	1.8	2.1	2.0	<2
M_Coral	8.3	surface	19.0	20.5	28.7	30.3	6.7	6.7	8.1	8.3	1.9	2.2	4.0	2.0
		middle	19.1	20.5	28.5	30.4	6.7	6.6	8.0	8.3	1.7	2.1	2.0	4.0
		bottom	19.1	20.3	28.4	30.4	6.6	6.7	8.2	8.4	1.6	1.3	4.0	2.0
M_B	16.8	surface	19.1	21.4	28.9	30.3	6.7	6.9	8.1	8.3	1.3	2.1	3.0	<2
		middle	19.1	21.3	28.8	31.0	6.6	6.7	8.1	8.4	1.4	1.3	4.0	2.0
		bottom	19.0	21.3	28.9	30.9	6.7	6.8	8.2	8.3	1.1	1.3	<2	2.0
KS	12.4	surface	19.1	21.6	29.0	30.5	6.9	6.5	8.1	8.2	1.3	1.6	<2	5.0
		middle	19.1	21.5	28.9	30.5	6.7	6.7	8.1	8.4	2.5	1.6	2.0	<2
		bottom	19.1	21.5	28.8	30.5	6.6	6.5	8.1	8.4	2.1	1.1	3.0	3.0
Fresh water station	Conductivity		Temp (°C)		Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		Suspended solid (mg/L)	
F_Filter	-		-		-		-		-		-		-	
Lake 1D	554		22.6		0.2		6.9		7.0		2.5		<2	
FD_A	-		24.9		<0.1		7.2		7.2		1.5		3.0	
FD_B	-		24.0		<0.1		7.5		7.4		3.0		2.0	
FD_C	-		24.8		<0.1		7.8		7.1		1.9		2.0	
F_Inland_M	-		26.8		<0.1		7.5		7.7		2.3		2.0	

**Remarks**

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

4/18/2009	Water depth (m)	Sampling depth (m)	Suspended solid (mg/L)		NH <sub>3</sub> -N (mg/L)		NO <sub>3</sub> -N (mg/L)		NO <sub>2</sub> -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	5.5	surface	4.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.0	surface	3.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	8.0	surface	4.0	3.0	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.5	<0.5
		middle	5.0	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.6	<0.5
		bottom	4.0	2.0	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.5	<0.5
M_Marsh	7.9	surface	3.0	2.0	<0.01	0.01	0.03	0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	0.5	1.8
		middle	3.0	3.0	<0.01	0.03	0.01	0.02	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.5	1.0
		bottom	3.0	3.0	<0.01	0.03	<0.01	0.02	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.5	1.1
TTC	9.6	surface	2.0	3.0	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.5	1.1
		middle	2.0	4.0	<0.01	0.02	<0.01	0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.5	1.7
		bottom	2.0	<2	<0.01	0.02	0.01	0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.5	1.7
M_Coral	8.3	surface	4.0	2.0	<0.01	<0.01	0.04	0.04	<0.01	<0.01	0.06	0.06	<0.01	<0.01	1.6	1.4
		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	2.1	1.9
		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	1.3	1.2
M_B	16.8	surface	3.0	<2	0.04	<0.01	0.02	0.02	<0.01	<0.01	0.07	0.04	<0.01	<0.01	1.9	2.0
		middle	4.0	2.0	<0.01	<0.01	0.04	0.04	<0.01	<0.01	0.06	0.06	<0.01	<0.01	1.6	1.7
		bottom	<2	2.0	<0.01	<0.01	0.04	0.04	<0.01	<0.01	0.06	0.06	<0.01	<0.01	1.6	1.7
KS	12.4	surface	<2	5.0	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	2.2
		middle	2.0	<2	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.5	1.8
		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	2.0	1.1
Fresh water station	TKN	TP	Suspended solid (mg/L)		NH <sub>3</sub> -N (mg/L)		NO <sub>3</sub> -N (mg/L)		NO <sub>2</sub> -N (mg/L)		TIN (mg/L)		Ortho P (mg/L)		Chlorophyll a (ug/L)	
F_Filter	-	-			-		-		-		-		-		-	
Lake 1D	0.2	0.3	<2		0.03		0.02		<0.01		0.06		0.30		<0.5	
FD_A	-	-	3.0		<0.01		0.01		<0.01		<0.01		<0.01		1.9	
FD_B	-	-	2.0		<0.01		0.03		<0.01		0.05		<0.01		1.0	
FD_C	-	-	2.0		<0.01		0.02		0.02		0.05		<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.