

6/4/2009	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	5.3	surface	25.5	26.9	28.6	30.4	6.3	5.9	8.1	8.4	1.8	2.1	2.0	2.0
		bottom	25.2	26.8	28.6	30.4	6.3	6.1	8.0	8.4	1.4	1.4	<2	3.0
M_RO2	8.7	surface	25.2	27.2	28.6	30.6	6.3	6.1	8.1	8.3	1.6	1.3	2.0	2.0
		middle	25.1	27.3	28.1	30.8	6.3	6.3	8.2	8.2	1.4	2.6	3.0	2.0
		bottom	25.3	27.3	28.6	30.4	6.3	6.1	8.1	8.2	2.1	2.2	<2	2.0
KLW	13.1	surface	25.2	27.0	28.6	30.4	6.2	5.9	8.1	8.3	1.7	1.6	3.0	3.0
		middle	25.1	27.0	27.9	30.5	6.0	6.1	8.2	8.4	1.4	1.9	3.0	<2
		bottom	25.1	27.1	28.7	30.4	6.3	6.4	8.2	8.2	1.1	1.4	2.0	3.0
M_A	8.8	surface	25.2	27.0	28.6	30.4	6.0	5.9	8.1	8.4	1.7	2.0	3.0	<2
		middle	25.1	27.0	27.9	30.8	6.2	6.3	8.0	8.4	1.6	1.5	3.0	3.0
		bottom	25.1	26.9	28.6	30.4	6.3	6.1	8.1	8.3	1.8	1.1	3.0	<2
M_Marsh	8.5	surface	25.2	27.0	28.7	30.4	6.3	5.9	8.1	8.3	2.3	1.6	4.0	2.0
		middle	25.0	27.0	27.9	30.8	6.2	6.1	8.0	8.4	1.8	1.7	4.0	3.0
		bottom	25.2	27.0	28.7	30.6	6.3	6.1	8.1	8.4	1.7	2.1	4.0	2.0
TTC	9.5	surface	25.2	27.0	28.6	30.6	6.2	6.0	8.1	8.4	2.1	1.3	3.0	4.0
		middle	25.0	27.0	27.9	30.7	6.2	6.1	8.1	8.4	1.6	2.3	3.0	4.0
		bottom	25.8	27.5	28.8	30.4	6.2	6.0	8.0	8.3	1.6	2.0	4.0	3.0
M_Coral	8.7	surface	25.7	27.4	28.6	30.3	6.3	6.3	8.0	8.4	2.0	1.1	3.0	4.0
		middle	25.7	27.4	28.6	30.3	6.3	6.3	8.0	8.4	2.2	1.3	2.0	3.0
		bottom	25.7	27.4	28.6	30.3	6.3	6.1	8.1	8.4	1.1	1.1	<2	2.0
M_B	17.7	surface	25.2	27.2	28.8	30.5	6.3	6.1	8.3	8.4	1.1	1.0	2.0	2.0
		middle	25.1	27.2	28.8	30.5	6.3	6.2	8.1	8.4	1.0	1.5	3.0	3.0
		bottom	25.1	27.1	28.8	30.4	6.5	6.6	8.3	8.4	1.9	1.9	3.0	<2
KS	12.4	surface	25.9	27.2	28.9	30.4	6.3	6.2	8.1	8.4	1.5	2.1	<2	3.0
		middle	25.8	27.2	28.9	30.5	6.2	6.1	8.1	8.4	2.2	1.4	<2	4.0
		bottom	25.8	27.1	28.8	30.5	6.2	6.2	8.1	8.3	2.1	2.0	<2	2.0
Fresh water station	Conductivity	Temp (°C)		Salinity (ppt)		DO (mg/L)		pH		Turbidity (NTU)		Suspended solid (mg/L)		
F Filter	-	26.4		<0.1		7.2		6.9		1.9		2.0		
Lake 1D	499	25.9		0.2		6.7		7.0		2.6		2.0		
FD A	-	26.8		<0.1		8.4		7.4		2.0		3.0		
FD B	-	26.3		<0.1		8.2		7.3		1.9		2.0		
FD C	-	26.4		<0.1		8.3		7.1		2.3		3.0		
F Inland M	-	26.9		<0.1		8.0		7.4		1.9		3.0		

6/4/2009	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	5.3	surface	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	<2	3.0	-	-	-	-	-	-	-	-	-	-	-	-
KLW	13.1	surface	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
		middle	3.0	<2	-	-	-	-	-	-	-	-	-	-	-	-
		bottom	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
M_A	8.8	surface	3.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.0	2.6
		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	2.2	2.3
		bottom	3.0	<2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.2	2.4
M_Marsh	8.5	surface	4.0	2.0	<0.01	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	2.9	2.8
		middle	4.0	3.0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.01	0.01	2.5	2.4
		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	2.3	2.7
TTC	9.5	surface	3.0	4.0	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	2.8	2.5
		middle	3.0	4.0	0.04	0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	2.5	2.4
		bottom	<2	3.0	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	2.2
M_Coral	8.7	surface	3.0	4.0	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	<0.01	2.6	2.4
		middle	2.0	3.0	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.01	<0.01	2.6	2.8
		bottom	<2	2.0	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.6	2.6
M_B	17.7	surface	2.0	2.0	0.02	0.07	<0.01	<0.01	<0.01	<0.01	0.04	0.09	<0.01	<0.01	2.4	2.2
		middle	3.0	3.0	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	2.3	2.3
		bottom	3.0	<2	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.5	2.4
KS	12.4	surface	<2	3.0	0.08	0.02	<0.01	<0.01	<0.01	<0.01	0.10	0.04	<0.01	<0.01	2.5	2.4
		middle	<2	4.0	0.08	0.06	<0.01	<0.01	<0.01	<0.01	0.10	0.08	<0.01	<0.01	2.4	2.3
		bottom	<2	2.0	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	2.7	2.7
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	-	-	2.0		<0.01		0.01		<0.01		<0.01		<0.01		<0.5	
Lake 1D	0.2	0.30	2.0		0.04		0.06		0.04		0.14		0.30		2.3	
FD A	-	-	3.0		<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		0.04		<0.01		<0.01		0.06		<0.01		<0.5	
F Inland M	-	-	3.0		0.02		<0.01		<0.01		0.04		<0.01		<0.5	