

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 7/18/2010

Time 9:15am

Temp 80s

Weather sunny, muggy

Notes Measurements for Pond Watchers only southern end of pond sampled

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
Ransom Rd. Dock							
	.5 ft	28.5	2613	1.3	4.60	66.1	
	bottom	28.2	2639	1.4	2.51	42.1	
Height of Pond		21 1/4"					
Sechi Disk (bottom 3' 2")							
Mosquito Creek nutrient sampling only							
Treetop Dock							
	0.5 ft						
	2 ft						
Sechi Disk							
OP1							
	0.5 ft						
	1m						
	2m						
	3m						
	3.5m (bottom)						
Sechi Disk							
OP2							
	0.5 ft	28.1	2892	1.4	7.98	99.3	
	1m	28.1	2729	1.4	8.11	104.6	
	2m	27.7	2778	1.4	7.73	97.6	
	3m	27.3	2739	1.4	7.12	95.6	
	4m						
Sechi Disk							
OP3							
	0.5 ft	28.0	2738	1.4	7.04	90.9	
	1m	28.0	2737	1.4	7.12	95.3	
	2m	27.9	2738	1.4	7.70	100.8	
	3m	27.5	2741	1.4	7.71	98.9	
	4m	24.6	2833	1.5	4.94	63.9	
	5m	19.2	6440	3.5	0.36	4	
	6m	13.2	16740	9.9	0.09	0.3	
Sechi Disk							
Weir							
North	Top	29.0	27.19	1.4	6.54	91.8	
	Bottom	28.9	27.04	1.4	6.40	90.3	
South	Top	29.1	27.22	1.4	7.56	98.4	
	Bottom	29.1	27.26	1.4	6.78	91.8	
Lagoon		28.7	2727	1.4	6.68	86.9	
Top		28.2	2729	1.4	5.03	58.7	
Bottom							

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

Flow