

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 11/18/2010 Time 9am
 Temp mid 50s Weather Sunny, clear, windy
 Notes wind from the W

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
Ransom Rd. Dock							
	.5 ft	10.1	2880	1.5	8.34	73.2	
	bottom	10.0	2883	1.5	7.64	68.8	
Height of Pond		24"					
Sechi Disk (bottom) can see bottom with Sechi							
Mosquito Creek nutrient sampling only							
Treetop Dock							
	0.5 ft	10.0	2822	1.5	8.89	85.4	
	2 ft	10.0	2848	1.5	8.65	79.8	
Sechi Disk							
OP1							
	0.5 ft	10.0	2874	1.5	10.51	94.8	Niskin sampler broken!!!!
	1m	10.0	2874	1.5	10.39	96.5	
	2m	9.9	2872	1.5	10.38	94.9	
	3m	9.9	2872	1.5	10.52	93.7	Can't sample at depth!!!
	3.5m (bottom)	9.8	2878	1.5	10.40	88.7	
Sechi Disk		3'3"					
OP2							
	0.5 ft						
	1m						
	2m						
	3m	buoy is missing					
	4m						
Sechi Disk							
OP3							
	0.5 ft	10.0	2971	1.6	10.49	98.2	
	1m	10.0	2969	1.6	10.98	96.2	
	2m	10.0	2966	1.6	11.14	97.3	
	3m	10.0	2979	1.6	10.84	98.3	
	4m	10.0	2987	1.6	11.14	99.3	
	5m	9.8	5970	4.9	1.86	16.7	
	6m	11.6	15160	8.9	0.02	0.2	
Sechi Disk		3'5"					
Weir							
North	Top	10.4	3011	1.6	12.05	110.6	
	Bottom	10.4	3019	1.6	9.75	96.5	
South	Top	10.5	3655	2.0	10.57	9.4	
	Bottom	10.5	3429	1.8	8.86	81.9	
Lagoon Top		10.7	5580	3.0	7.57	63.9	
		11.2	11200	6.4	5.76	56.6	
Bottom							

Top of Concrete to water level

Top of Main Board to water Good Flow

Top of Herring Board to water

Flow