

## Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 12/8/2009 Time 9:15am  
 Temp 30s Weather sunny, clear light wind  
 Notes major storm the weekend before

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
<b>Ransom Rd. Dock</b>							
	.5 ft	7.4	2175	1.1	8.27	6.36	
	bottom	7.5		1.1	7.16	6.46	
Height of Pond		23"					
Sechi Disk (bottom 3' 2") to bottom							
<b>Mosquito Creek</b> nutrient sampling only							
<b>Treetop Dock</b>							
	0.5 ft	7.3	2186	1.1	7.77	63	
	2 ft	7.3	2193	1.1	8.33	69.3	
Sechi Disk							
<b>OP1</b>							
	0.5 ft	7.1	2215	1.1	8.59	74.5	
	1m	7.1	2218	1.1	9.09	76.5	
	2m	7.1	2208	1.1	9.31	79.6	
	3m	7.1	2193	1.1	9.55	80.6	
	3.5m (bottom	7.1	2197	1.1	9.88	81.3	
Sechi Disk	3'6"						
<b>OP2</b>							
	0.5 ft	6.8	2288	1.2	8.27	66.9	
	1m	6.9	2282	1.2	8.45	71.7	
	2m	6.8	2335	1.2	9.24	76.2	
	3m	6.8	2325	1.2	9.61	79.5	
	4m	6.9	2279	1.2	3.33	26.2	
Sechi Disk	3'5"						
<b>OP3</b>							
	0.5 ft	6.9	2306	1.2	8.89	72.9	
	1m	6.9	2313	1.2	9.41	76.7	
	2m	6.9	2316	1.2	9.72	80.6	
	3m	6.9	2311	1.2	9.94	82.3	
	4m	6.8	2308	1.2	10.15	85.7	
	5m	7.0	2407	1.3	7.38	58.8	
	6m	11.9	12.83ms	7.4	0.05	0.4	
Sechi Disk		3'6"					
<b>Weir</b>							
North	Top	6.6	2399	1.2	7.74	64.2	
	Bottom	6.6	2394	1.2	7.57	61.3	
South	Top	7.3	6.83ms	3.7	7.64	62.7	
	Bottom	9.5	22.37ms	13.5	5.64	57.5	
<b>Lagoon</b>		5.6	2412	2.0	9.35	74.1	
	<b>Top</b>	9.7	17.78ms	10.6	3.01	29.6	
Bottom							

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

Flow