

# Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 4/29/2010 Time 9.00am  
 Temp 50s Weather sunny clear  
 Notes

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
<b>Ransom Rd. Dock</b>							
	.5 ft	13.2	2880	1.6	10.60	94.6	
	bottom	12.8	2932	1.5	10.36	97.3	
Height of Pond		23 1/2"					
Sechi Disk (bottom 3' 2")							
<b>Mosquito Creek</b> nutrient sampling only							
<b>Treetop Dock</b>							
	0.5 ft	12.6	2992	1.6	9.33	86.9	
	2 ft	12.6	2989	1.6	9.06	86	
Sechi Disk							
<b>OP1</b>							
	0.5 ft	12.8	3035	1.6	9.25	87.5	
	1m	12.8	3036	1.6	9.99	95.2	
	2m	12.6	3033	1.6	10.82	104.3	
	3m	12.6	3047	1.6	11.46	107.7	
	3.5m (bottom	12.5	3059	1.6	11.68	110.2	
Sechi Disk	4'						
<b>OP2</b>							
	0.5 ft	12.7	3165	1.7	10.31	93.5	
	1m	12.8	3165	1.7	10.94	102.9	
	2m	12.6	3157	1.7	11.39	107.3	
	3m	12.6	3151	1.7	12.06	113	
	4m	12.6	3144	1.7	4.32	32.7	
Sechi Disk	5'						
<b>OP3</b>							
	0.5 ft	12.6	3194	1.7	9.85	90.1	
	1m	12.6	3196	1.7	10.89	102.1	
	2m	12.6	3192	1.7	11.42	107.1	
	3m	12.6	3172	1.7	11.84	111.6	
	4m	12.6	3172	1.7	12.17	116.1	
	5m	12.9	8330	5.3	0.49	8.7	
	6m	8.9	16430	9.6	0.11	0.8	
Sechi Disk	5'6"						
<b>Weir</b>							
North	Top	13.4	3258	1.7	10.18	93.2	
	Bottom	13.1	8700	4.9	10.74	99.2	
South	Top	13.5	3797	2.3	11.40	110.6	
	Bottom	14.7	5910	18.1	9.12	95.4	
<b>Lagoon</b>							
Top							
Bottom							

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

Flow