

# Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **June 25 2007** Time **8:50am**  
 Temp **70s** Weather **sunny** Notes

Comments Oxygen probe broken half waythrough sampling

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%
<b>Ransom Rd. Dock</b>						
	.5 ft	23	3282	1.7	4.57	57.5
	bottom	22.5	3355	1.8	6	51.8
Height of Pond		<b>21.5</b>				
Sechi Disk		<b>4'</b>				
<b>Mosquito Creek</b>		nutrient sampling only				
<b>Treetop Dock</b>						
	0.5 ft	22.8	3428	1.8	6.71	67.6
	2 ft	22.6	3460	1.8	5.5	72.6
Sechi Disk	3'5"					
<b>OP1</b>						
	0.5 ft	22.8	3496	1.8	7.26	80.5
	1m	22.7	3541	1.8	6.2	70.2
	2m	21.8	3505	1.8	5.83	70.6
	3m	19	3466	1.8	5.57	53.2
	4m	15	3202	1.7	0.93	6.1
Sechi Disk	4' 5"					
<b>OP2</b>						
	0.5 ft	22.4	3442	1.8	6.18	67.2
	1m	22.4	3470	1.8	5.41	63.3
	2m	22.1	3452	1.8	6.78	71.6
	3m	21.8	3478	1.8	6.5	50.9
	4m					
Sechi Disk	3' 8"					
<b>OP3</b>						
	0.5 ft	22.6	3490	1.8	6.59	56.1
	1m	22.1	3461	1.8		
	2m	22.5	3406	1.8		
	3m	22.4	3461	1.8		
	4m	21.2	3481	1.8		
	5m	15.2	3525	6.6	0.06	0.7
	6m	11	20.09ms	11.7	0.21	
Sechi Disk	4' 2"					
<b>Weir</b>						
North	Top	22.5	3445	1.8		
	Bottom	22.5	3445	1.8		
South	Top	22.6	3460	1.8		
	Bottom	22.5	3954	1.9		
Lagoon Top		23.3	3521	1.9		
		23.1		1.9		
Bottom		22.9	3520			

Top of Concrete to water level 7"

Top of Main Board to water 6' 9"

Top of Herring Board to water 6' 9"

Flow none

Other Notes