

# Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **8/29/2007** Time **8:45 AM**  
 Temp **mid 60s** Weather **clear, sunny** Notes

Comments						
	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%
<b>Ransom Rd. Dock</b>						
	.5 ft	25.3	3428	1.8	5.92	77.2
	bottom	24.7	3353	1.8	3.52	57.2
Height of Pond		<b>19"</b>				
Sechi Disk						
<b>Mosquito Creek</b> nutrient sampling only						
<b>Treetop Dock</b>						
	0.5 ft	24.1	3441	1.8	6.02	74.2
	2 ft	24	3422	1.8	5.73	68.9
Sechi Disk	3' 10"					
<b>OP1</b>						
	0.5 ft	24.3	3430	1.8	6.45	77.9
	1m	24.3	3421	1.8	6.1	76.7
	2m	24.1	3404	1.8	5.99	70.1
	3m	22.6	3280	1.7	4.35	53.2
	4m	20	3132	1.6	1.55	17.9
Sechi Disk	6					
<b>OP2</b>						
	0.5 ft	24.4	3419	1.8	6.52	77.4
	1m	24.4	3416	1.8	6.64	78.5
	2m	24.3	3410	1.8	6.67	80.5
	3m	23.8	3349	1.8	6.17	75.2
	4m	23.4	3438	1.8	3.35	35.4
Sechi Disk	6' 1"					
<b>OP3</b>						
	0.5 ft	24.3	3422	1.8	6.98	87.3
	1m	24.4	3421	1.8	6.26	83.4
	2m	24.2	3400	1.8	6.75	76.6
	3m	24	3428	1.8	6.27	73.1
	4m	22.6	3450	1.8	4.42	45.4
	5m	20.5	11.35ms	5.7	0.11	1.5
	6m	14.7	20.93ms	12.5	0	0
Sechi Disk	7' 3"					
<b>Weir</b>						
North	Top	23.6	3359	1.8	5.36	54.3
	Bottom	23.1	3344	1.8	3.7	53.2
South	Top	23.4	3379	1.8	4.02	66.7
	Bottom	23.4	3273	1.8	2.97	35.47
Lagoon Top Bottom		24.5	3384	1.8	3.33	45.1
		24.5	3327	1.7	1.68	20.8

Top of Concrete to water level 8"  
 Top of Main Board to water 1"  
 Top of Herring Board to water 3"

Flow slack