

# Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 7 31 2006 Time 10:45 AM  
 Temp mid 70s Weather sunny Notes  
 pond looks murky

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
<b>Ransom Rd. Dock</b>							
	.5 ft	26.9	3248	1.7	5.74		
	bottom	26.7	3277	1.7	0.2		
Height of Pond		22"					
Sechi (bottom 3' 2")		2'7"					
<b>Mosquito Creek</b> nutrient sampling only							
<b>Treetop Dock</b>							
	0.5 ft	26.7	2918	1.5	5.3		
	2 ft	26.6	2921	1.5	4.29		
Sechi Disk							
<b>OP1</b>							
	0.5 ft	26.8	3120	1.6	6.43		
	1m	26.7	3127	1.6	5.83		
	2m	26.5	3133	1.6	6.27		
	3m	21.9	3077	1.5	0.45		
	3.5m (bottom)	15.9	3342	1.7	0.07		
Sechi Disk		4'					
<b>OP2</b>							
	0.5 ft	27	3260	1.7	6.77		
	1m	26.7	3268	1.7	6.88		
	2m	26.4	3267	1.7	6.68		
	3m	26.2	3263	1.7	6.26		
	4m	25.3	3292	1.7	0.4		
Sechi Disk		4'4"					
<b>OP3</b>							
	0.5 ft	27	3286	1.7	6.6		
	1m	26.8	3290	1.7	6.86		
	2m	26.5	3294	1.7	6.89		
	3m	26.2	3294	1.7	6.24		
	4m	25.5	3303	1.7	3.48		
	5m	18.5	4286	2.3	0.18		
	6m	14.1	17.84ms	10.2	0.02		
Sechi Disk							
<b>Weir</b>							
North	Top	26.5	3279	1.7	5.59		
	Bottom	26.5	3209	2.5	5.67		
South	Top	26.4	3244	1.7	1.19		
	Bottom	26.5	3298	1.7	5.54		
Lagoon		26.3	3258	1.7	1.98		
Top		26.4	3282	1.7	3.97		
Bottom							

Top of Concrete to water level 9"

Top of Main Board to water 1'5"

Top of Herring Board to water 1'5"

Flow