

## Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date Sept 1 2011 Time 9:30pm  
 Temp 70s Weather slightly overcast  
 Notes Storm Irene 4 days ago

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
<b>Ransom Rd. Dock</b>							
	.5 ft	24.3	33.01	1.7	6.65	76.3	
	bottom	24.3	33.37	1.7	6.52	76.1	
Height of Pond		25"					
Sechi Disk (bottom 3' 2")		3'					
<b>Mosquito Creek</b>							
			23.9 too erratic	0.0	6.57	7.3	
<b>Treetop Dock</b>							
	0.5 ft	24.3	3374	1.8	6.70	80.7	
	2 ft	24.2	3369	1.8	5.86	72.8	
Sechi Disk	bottom						
<b>Well Site</b>							
		24.3	3348	1.8	7.03	82.7	
<b>OP1</b>							
	0.5 ft	24.3	3384	1.8	7.09	84.1	
	1m	24.2	3373	1.8	6.63	83.5	
	2m	23.7	3410	1.8	5.66	66.4	
	3m	23.5	3518	1.8	4.08	47.2	
	3.5m (bottom)	23.3	3571	1.9	2.59	32.3	
Sechi Disk	2'9"						
<b>OP2</b>							
	0.5 ft	24.1	3414	1.8	7.04	84.6	
	1m	24.0	3415	1.8	6.68	82.7	
	2m	24.0	3415	1.8	6.94	83.6	
	3m	23.5	3525	1.9	3.73	44.7	
	4m	23.5	3656	1.9	2.45	30.3	
Sechi Disk	2'3"						
<b>OP3</b>							
	0.5 ft	24.0	3417	1.8	6.81	80.7	
	1m	24.0	3419	1.8	6.80	80.7	
	2m	23.7	3443	1.8	6.21	73.5	
	3m	23.6	3623	1.9	3.82	47.2	
	4m	23.5	4007	2.1	1.80	22.5	
	5m	23.3	16003	8.8	0.03	0.5	
	6m	19.8	19400	11.6	0.01	0	
Sechi Disk	2' 1.5"						
<b>Weir</b>							
North		24.1	3484	1.8	6.42	79.8	
South		24.1	3626	1.9	5.82	73.6	
Lagoon		25.3	18.69	13.6	5.40	65.7	
Top							

Top of Concrete to water level

Top of Main Board to water

Flow