

# Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 8/14/2011 Time 8am  
 Temp mid 70s Weather cloudy rain likely later  
 Notes

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
<b>Ransom Rd. Dock</b>							
	.5 ft	26.3	2772	1.4	4.65	61.7	
Height of Pond 23"							
Sechi Disk (bottom 3' 2")							
<b>Mosquito Creek</b>							
dead battery							
<b>Treetop Dock</b>							
	0.5 ft	26.2	2796	1.4	5.61	69.6	
	2 ft	26.2	2797	1.4	5.11	65.1	
<b>Well Site</b>							
		26.3	2809	1.5	6.37	78.9	
<b>OP1</b>							
	0.5 ft	26.4	2804	1.4	6.37	80.4	
	1m	26.4	2806	1.5	6.15	78.6	
	2m	26.3	2804	1.4	5.96	74.2	
	3m	25.1	2704	1.4	3.68	44.1	
	3.5m (bottom	23.3	2585	1.3	0.07	0.9	
Sechi Disk	5'						
<b>OP2</b>							
	0.5 ft	26.0	2851	1.5	6.17	77.5	
	1m	26.0	2851	1.5	5.92	78.7	
	2m	26.0	2862	1.5	6.03	76.6	
	3m	26.0	2837	1.5	5.83	72.5	
	4m	26.0	2863	1.5	6.14	73.6	
Sechi Disk	5'4"						
<b>OP3</b>							
	0.5 ft	26.0	2838	1.5	6.21	76.2	
	1m	26.0	2840	1.5	6.27	77.6	
	2m	26.0	2839	1.5	6.11	75.2	
	3m	26.0	2860	1.5	6.05	76.1	
	4m	25.6	2939	1.5	3.02	37.4	
	5m	22.8	6760	3.7	0.07	0.9	
	6m	15.7	17600	10.4	0.00	0.1	
Sechi Disk	3' 10"						
<b>Weir</b>							
North		24.2		1.7			
South				dead batteries			
<b>Lagoon</b>							
Top							

Top of Concrete to water level

Top of Main Board to water

Flow