

## Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 4/29/2011 Time 8:45am  
 Temp High 50s Weather Fog burning off/ sunny  
 Notes calm light wind heavy rain yesterday night with heavy wind

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
<b>Ransom Rd. Dock</b>							
	.5 ft	16.0	3147	1.7	6.25	70.3	
	bottom	15.8	3148	1.7	4.98	50.4	
Height of P	24.5 inches						
Sechi Disk (bottom 3' 2")							
<b>Mosquito Creek</b> nutrient sampling only							
<b>Treetop Dock</b>							
	0.5 ft	15.7	3206	1.7	7.61	85.8	
	2 ft	15.6	3258	1.7	7.42	62.6	
Sechi Disk	2.5 barely see bottom						
<b>OP1</b>							
	0.5 ft	16.2	3231	1.7	7.60	79.2	
	1m	16.0	3264	1.7	7.63	75.3	
	2m	15.3	3354	1.8	6.61	78.6	
	3m	13.9	3339	1.8	6.62	65.7	
	3.5m (bottom	11.6	3322	1.8	6.87	73.1	
Sechi Disk	3'2"						
<b>OP2</b>							
	0.5 ft	15.5	3369	1.8	8.05	82.1	
	1m	15.3	3381	1.8	8.09	79.4	
	2m	15.2	3400	1.8	7.48	75.9	
	3m	15.1	3408	1.8	7.62	77.3	
	4m	15.1	3407	1.8	5.15	49.2	
Sechi Disk	2'8"						
<b>OP3</b>							
	0.5 ft	15.8	3354	1.8	8.52	82.3	
	1m	15.5	3382	1.8	7.93	80.7	
	2m	15.3	3396	1.8	7.81	74.6	
	3m	15.2	3407	1.8	7.36	72.3	
	4m	15.2	3412	1.8	6.84	79.3	
	5m	15.1	3434	1.8	7.42	74.5	
	6m	8.6	13100	11.3	0.02	0.2	
Sechi Disk	3'2"						
<b>Weir</b>							
North	Top	16.5	3357	1.8	8.03	81.1	
	Bottom	16.2	3353	1.8	8.21	87.6	
South	Top	16.5	3319	1.7	8.28	65.6	
	Bottom	16.5	3317	1.7	6.60	66.5	
Lagoon		16.9	3359	1.7	7.88	84.3	
Top		17.0	3354	1.8	5.04	52.9	
Bottom							

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

Flow light