

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **June 6 2012** Time Comments
 Temp **low 60s** Weather **clear, beautiful** Nutrient
 Notes **recent rain** Sio2
 CHI

	YSI	YSI	YSI	YSI	YSI	Sample
Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Locations
Ransom Rd. Dock						
.5 ft	18.8	3447	1.8	6.10	70.9	
bottom	18.3	3496	1.8	6.32	67.7	
Height of Pond	23" 3/4					
Mosquito Creek						
	15.2	68100	0.0	6.39	63.6	
Treetop Dock						
0.5 ft	18.3	1635	1.8	6.72	79.9	
2 ft	18.2	3509	1.9	6.25	63.4	
Up Well Site						
	18.4	3491	1.8	6.52	74.5	
OP1						
0.5 ft	18.4	3558	1.9	7.68	85.5	
1m	18.3	3538	1.9	6.66	78.2	
2m	18.2	3540	1.9	6.44	75.5	
3m	18.2	3590	1.9	5.46	55.9	
3.5m (bottom)	18.1	3697	2.0	2.94	35.1	
Sechi Disk	2'8"					
OP2						
0.5 ft	18.4	3694	2.0	8.51	91.5	
1m	18.3	3698	2.0	8.35	82.5	
2m	18.0	3715	2.0	8.23	85.1	
3m	18.5	5170	2.9	6.01	57.7	
4m (bottom)	18.7	8700	4.8	1.00	11.1	
Sechi Disk	2'9"					
OP3						
0.5 ft	18.6	3712	2.0	9.00	96.1	
1m	18.4	3715	2.0	8.69	89.3	
2m	18.3	3718	2.0	8.47	90.3	
3m	17.9	3726	2.0	7.95	82.2	
4m	18.5	9710	5.8	0.03	11.5	
5m	17.4	17230	10.2	0.10	0.7	
6m	17.2	17500	10.4	0.07	0.4	
Sechi Disk	2'7"					
Weir						
North	19.5	3816	2.0	8.15	95.3	
South	19.6	7010	4.0	8.42	90.1	
Lagoon						
	19.3	2225	11.7	7.03	76.3	

Flow **Fast**