

## Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **June 29 2011** Time **0.4**  
 Temp **70s** Weather **hot muggy overcast**  
 Notes **rain and thunderstorms earlier in the morning**

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
<b>Ransom Rd. Dock</b>		25.7	3003	1.6	5.23	56.10	
	.5 ft	25.6	3102	1.6	4.30	51.1	
	bottom						
Height of Pond	23"						
<b>Mosquito Creek</b>							
		17.3	165.3	0.1	5.05	50.1	
<b>Treetop Dock</b>							
	0.5 ft	25.7	3096	1.6	6.96	85.0	
	2 ft	25.7	3098	1.6	6.05	81.6	
Sechi Disk							
<b>Leachate Area</b>							
		25.6	3086	1.6	6.02	86.7	
<b>OP1</b>							
	0.5 ft	25.7	3106	1.6	7.07	90.1	
	1m	25.7	3116	1.6	6.23	82.0	
	2m	23.9	3036	1.6	8.24	98.5	
	3m	19.6	3070	1.6	4.47	52.0	
	3.5m (bottom)	18.3	3023	1.6	0.16	1.5	
Sechi Disk	4'6"						
<b>OP2</b>							
	0.5 ft	25.2	3111	1.6	7.30	91.5	
	1m	25.1	3112	1.6	7.52	80.5	
	2m	23.8	3117	1.6	8.56	99.8	
	3m	21.9	3150	1.6	6.47	80.3	
	4m	20.7	3240	1.7	0.03	1.0	
Sechi Disk	4'7.5"						
<b>OP3</b>							
	0.5 ft	25.2	3090	1.6	7.36	88.4	
	1m	25.0	3093	1.6	7.23	85.2	
	2m	24.3	3109	1.6	7.73	95.9	
	3m	21.8	3142	1.6	6.88	80.6	
	4m	20.1	3287	1.7	0.13	5.4	
	5m	18.0	4313	2.3	0.02	0.3	
	6m	12.9	19380	11.5	0.00	0.1	
Sechi Disk							
<b>Weir</b>							
North		25.0	2985	1.6	5.66	72.9	
South		25.3	3032	1.6	5.85	71.4	
<b>Lagoon</b>		25.6	3074	1.6	5.90	73.2	

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

Flow