

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date July 2 2008 **Time** 9:00am
Temp mid 70s **Weather** Fog lifting
 warm sunny **Notes**

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
Ransom Rd. Dock							
	.5 ft	26.3	2548	1.3	5.04	59	
	bottom	26.2	2691	1.4	4.1	58.8	
Height of Pond		18 1/4"					
Sechi Disk		3' to bottom					
Mosquito Creek		nutrient sampling only					
Treetop Dock							
	0.5 ft	26.2	2810	1.4	6.45	79.9	
	2 ft	26.2	2744	1.4	4.5	44.5	
Sechi Disk	to bottom						
OP1							
	0.5 ft	26.4	2765	1.4	7.51	90.6	
	1m	26.2	2758	1.4	6.65	85.5	
	2m	25.4	2759	1.4	6.78	83.8	
	3m	20.2	2609	1.4	1.04	12.5	
	4m	15.9	2644	1.4	0.23	2.1	
Sechi Disk	3'6"						
OP2							
	0.5 ft	25.9	2801	1.4	7.32	91.3	
	1m	26	2789	1.4	7.16	88.5	
	2m	25.7	2801	1.4	6.65	92.2	
	3m	25.3	2844	1.4	6.39	75.9	
	4m	27.4	2808	1.5	2.52	28.2	
Sechi Disk	3'6"						
OP3							
	0.5 ft	26	2808	1.5	7.25	91.1	
	1m	26	2809	1.5	7.5	93.3	
	2m	25.9	2811	1.5	7.3	91.6	
	3m	25.5	2812	1.5	6.39	81.2	
	4m	21.5	2883	1.5	0.08	2	
	5m	17.9	3085	1.6	0.07	0.8	
	6m	15.1	7.11 ms	4	0.02	0.3	
Sechi Disk							
Weir							
North	Top	26.6	2898	1.5	6.71	83.5	
	Bottom	26.2	3150	1.7	4.48	65.8	
South	Top	26.2	3912	2.1	5.65	61.5	
	Bottom	25.5	28.6ms	17.6	0.17	1.3	
Lagoon		26.5	5.65.ms	4.3	5.65	64.3	
	Top	26.9	7.83 ms	7	2.63	23.8	
Bottom							

Top of Concrete to water level 11"

Top of Main Board to water 3"

Top of Herring Board to water 5"

Flow very moderate

Other Notes

