

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **3/27/2006** Time **11:00 AM**
 Temp **mid 50s** Weather **sunny** Notes **Pond is green and cloudy**

Comments oxygen probe is broken

Depth	Temp C	us/cm	Salinity ppt	mg/L
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Ransom Rd. Dock

4ft.	0.5	8.2	2975	2.3	0
	1	7.8	2950	2.3	0
10ft	0.5	8.5	2850	2.2	0
	1	7.3	2850	2.3	0
	1.5	7.1	2773	2.2	0
18 ft.	0.5	8.1	2817	2.2	0.01
	1	7.1	2773	2.2	0
	1.5	7	2775	2.3	0
	2	6.9	2778	2.3	0
Height of Pond at Dock 22"					

Secchi Disk 2 ft 10"

Float End of Dock - 25 ft

	0.5	7.8	2996	2.4	0.62
	1	7.4	2985	2.4	0.8
	1.5	7	2966	2.4	1.25
	2				
	2.5				
	3				

Secchi Disk

Mosquito Delta

	0.5	7.9	3027	2.4	0.15
	1.00	7.8	2967	2.4	0.16
	1.5	6.6	2920	2.4	0.17
	2	6.5	2903	2.4	0.18
	2.5	6.8	2978	2.4	1.24
Sechi Disk	2'5"				

Treetop Dock

	0.5	8.7	3078	2.4	0.58
	1.00	6.7	3028	2.5	0.98
	1.5				
	2				
	3				

OP1					
	0.5 ft	6.8	3042	2.5	0.89
	1m	6.6	3035	2.5	1.08
	2m	6.3	3017	2.5	1.22
	3m	6.3	3033	2.5	1.16
	4m	6.2	3046	2.5	1.19
	4.5m	6.1	3041	2.5	1.04
Sechi Disk	2' 10"				

Spoehr Dock

	0.5	8.2	3306	2.6	0.43
	1	7.3	3208	2.6	0.57
	1.5	6.5	3132	2.6	0.69
Sechi Disk	2' 8"				

OP2

	0.5 ft	7.2	3208	2.6	0.74
	1m	6.9	3133	2.6	0.83
	2m	6.5	3131	2.6	0.87
	3m	6.2	3101	2.6	0.92
	3.5m	6	3091	2.6	0.94
Sechi Disk	2' 6"				

OP3

	0.5 ft	6.7	3157	2.6	0.88
	1m	6.6	3146	2.6	0.92
	2m	6.4	3164	2.6	0.95
	3m	6.3	3131	2.6	0.97
	4m	6	3106	2.6	1.02
	5m				
	6m				
Sechi Disk	3'				

Weir

North		9.3	3403	2.6	6.7
		9.2	3377	2.6	6.9
South		9.4	3383	2.6	4.3
		9.3	3379	2.6	6.2

Lagoon

Top					
Bottom					

Top of Concrete to water level 7.5"

Top of Main Board to water 1' 3"

Top of Herring Board to water 1' 3"

Flow slack

Other Notes