

# Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date Jan 30 2006 Time 11:30  
 Temp high 30s Weather overcast Notes

	Depth	Temp C	us/cm	Salinity ppt	mg/L	Comments
<b>Ransom Rd. Dock</b>						
4ft.	0.5	4.6	2671	2.3	14.62	
	1	4.4	2687	2.3	14.18	
10ft						
	0.5	4.6	2783	2.3	14.23	
	1.00	4.3	2928	2.6	13.97	
	1.5	4.3	2962	2.6	13.89	
	2	4.2	2889	2.6	14.18	
18 ft.						
	0.5	4.6	2926	2.5	14.85	
	1.00	4.4	2981	2.6	14.33	
	1.5	4.1	3010	2.7	13.76	
	2	4.2	3013	2.7	14.17	
	2.5	4.1	3016	2.7	13.89	
	3					
<b>Height of Pond at Dock</b>	<b>25"</b>					

Secchi Disk 3'4"

## Mosquito Delta From the shoreline

	0.5	4.7	2891	2.5	13.7	
	1.00					
	1.5					
	2					
	3					
Secchi Disk						

## Treetop Dock

	0.5	4.9	3024	2.6	15.14	
	1.00	4.8	3018	2.6	13.78	
	1.5	4.6	3002	2.6	13.9	
	2					
	3					

## OP1

	0.5 ft					
	1m					
	2m					
	3m					
	4m					
Secchi Disk						

**Spoehr Dock**

	0.5	4.5	3071	2.7	14.37
	1	4.5	3056	2.7	14.76
	1.5	4.4	3054	2.7	14.53
	2	4.3	3050	2.7	14.97
	2.5	4.3	3046	2.7	14.92

**OP2**

	0.5 ft				
	1m				
	2m				
	3m				
	4m				
Sechi Disk					

**OP3**

	0.5 ft				
	1m				
	2m				
	3m				
	4m				
	5m				
	6m				
Sechi Disk					

**Weir**

North					
	0.5	4.2	3065	2.7	15.81
	1	4.1	3064	2.7	15.62
South					
	0.5	4.2	3070	2.7	15.51
	1	4.2	3040	2.7	15.12

**Lagoon**

Top					
Bottom					

Top of Concrete to water level                    5"

Top of Main Board to water                        11"

Top of Herring Board to water

Flow

Other Notes