

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **4/24/2009** Time **9:15am** **2.5 inches of rain earlier in the week**
 Temp **mid 60s** Weather **sunny, clear,** Notes **Equipment problems, equipr**
 windy at southern end for taking deep water sample

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments	
Ransom Rd. Dock								
	.5 ft	12.6	2058	1.7	8.5	76.6		
	bottom	12.3	2029	1	5.67	56.7		
Height of Pond		20.5						
Sechi Disk		2' 1"	Pond bottom 3.2					
Mosquito Creek nutrient sampling only								
Treetop Dock								
	0.5 ft	12.4	2035	1	8.94	79.3		
	2 ft	12.3	2017	1	7.15	69		
Sechi Disk								
OP1								
	0.5 ft	12.4	2050	1	10.1	90.6		
	1m	12.3	2051	1	9.36	94.6		
	2m	12.1	2046	1.1	10.39	96.9		
	3m	11.8	2041	1	9.94	92.9		
	4m	11.6	2049	1	8.91	81		
Sechi Disk		3						
OP2								
	0.5 ft	12.4	2080	1.1	10.17	95.6		
	1m	12.4	2084	1.1	10.05	95.6		
	2m	12.3	2083	1.1	9.93	92.9		
	3m	12	2079	1.1	9.56	81.6		
	4m	11.9	2075	1.1	0.33	3.6		
Sechi Disk		3						
OP3								
	0.5 ft	12.3	2079	1.1	10.9	90.5		
	1m	12.3	2080	1.1	11.1			
	2m	12.3	2093	11	12.3			
	3m							
	4m	Mooring broken too much drift at station						
	5m							
	6m							
Sechi Disk								
Weir								
North	Top	12.9	2063	1.1	10.3	98.6		
	Bottom	12.8	2069	1.1	8.83	80.9		
South	Top	12.9	2070	1.1	11.12	107.9		
	Bottom	12.9	2071	1.1	9.6	93.1		
Lagoon		12.8	2072	1.1	10.06	93.8		
	Top	12.8	2091	1.1	7.17	68.3		
	Bottom							

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

Flow strong flow

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