

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **July 10 2009** Time **9:00 AM**
 Temp **mid 60s** Weather **sunny. Warm** Notes **sunny for a change!**

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
Ransom Rd. Dock							
	.5 ft	22.4	2048	1	4.88	56.8	
	bottom	22.1	2037	1	4.98	57.3	
Height of Pond (bottom to top) 20 3/4"							
Sechi Disk 3'2" to bottom							
Mosquito Creek nutrient sampling only							
Treetop Dock							
	0.5 ft	22.6	1992	1	7.26	77.9	
	2 ft	22.2	1988	1	4.65	63.2	
Sechi Disk 2'1" to bottom							
OP1							
	0.5 ft	22.4	1997	1	6.95	69.9	
	1m	22.1	2000	1	7.29	80.5	
	2m	21.8	2010	1	7.08	79.8	
	3m	19.2	1856	0.9	2.2	27.8	
	4m	15.9	1821	0.9	0.31	5.7	
Sechi Disk 4'5"							
OP2							
	0.5 ft	23.1	2049	1	7.26	82	
	1m	22.5	2053	1	6.49	73	
	2m	22.3	2041	1	6.78	71.1	
	3m	22.1	2032	1	6.66	70.3	
	4m	21.7	2016	1	3.96	42.6	
Sechi Disk 4'3"							
OP3							
	0.5 ft	23.4	2053	1	7.5	88.4	
	1m	22.6	2048	1	7.54	84.9	
	2m	22.4	2049	1	7.24	80.3	
	3m	22.2	2049	1	7.18	81.5	
	4m	21.3	2148	1.1	3.15	35.5	
	5m	18.9	2975	1.6	0.05	1.2	
	6m	17.6	10.53ms	6	0.22	1.9	
Sechi Disk 4'7"							
Weir							
North	Top	24.2	2033	1	7.46	89.2	
	Bottom	24.1	2034	1	6.19	69.8	
South	Top	24.2	2036	1	6.06	85.6	
	Bottom	24.3	2038	1	7.17	85.9	
Lagoon Top		24.2	2041	1	7.17	85.2	
		23	2145	1.1	6.45	80.6	
Bottom							

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

thousands herring fry at weir

Flow fast