

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 8/31/2010 Time 9:30am
 Temp mid 80s Weather sunny, hot, calm
 Notes

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
Ransom Rd. Dock							
	.5 ft	24.8	2673	1.4	4.94	64.5	
	bottom	24.2	2686	1.4	5.44	64.5	
Height of Pond		23.5"					
Sechi Disk (bottom 3' 2")		to bottom, very clear					
Mosquito Creek		nutrient sampling only					
Treetop Dock							
	0.5 ft	24.8	2690	1.4	6.55	90.2	
	2 ft	24.2	2642	1.4	5.53	59.8	
Sechi Disk	to bottom						
OP1							
	0.5 ft	24.6	2699	1.4	8.39	105.6	
	1m	24.0	2700	1.4	9.66	97.7	
	2m	23.1	2692	1.4	8.30	98.9	
	3m	22.0	2655	1.4	3.14	46.3	
	3.5m (bottom)	21.4	2649	1.4	0.05	0.9	
Sechi Disk	5 ft						
OP2							
	0.5 ft	25.0	2705	1.4	7.67	99.4	
	1m	24.7	2704	1.4	7.42	96.2	
	2m	23.7	2708	1.4	7.68	89.1	
	3m	23.3	2706	1.4	6.91	74.9	
	4m						
Sechi Disk	5'8"						
OP3							
	0.5 ft	25.2	2716	1.4	9.26	101.3	
	1m	24.7	2712	1.4	7.14	94.7	
	2m	24.4	2710	1.4	7.22	79.1	
	3m	23.1	2716	1.4	6.61	72.8	
	4m	22.4	2746	1.4	3.95	52.3	
	5m	21.7	3149	1.6	0.39	3.7	
	6m	16.5	16670	9.8	0.04	0	
Sechi Disk	5'7"						
Weir							
North	Top	26.1	2722	1.4	8.29	90.6	
	Bottom	24.4	2700	1.4	5.35	66.1	
South	Top	25.4	2904	1.5	6.42	78.4	
	Bottom	26.6	9840	5.4	2.86	38.4	
Lagoon		26.7	6410	3.5	4.15	70.9	
Top		28.9	10000	4.5	7.26	97.7	
Bottom							

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

Flow no flow