

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 8/21/2008 Time 9:15am
 Temp mid 60s Weather sunny, clear, lovely Notes

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
Ransom Rd. Dock							
	.5 ft	24.1	2675	1.4	6.01	70.3	
	bottom	24	2670	1.4	5.84	70	
Height of Pd	17"						
Sechi Disk	to bottom						
Mosquito Creek nutrient sampling only							
Treetop Dock							
	0.5 ft	23.8	2677	1.4	6.41	77.3	
	2 ft	23.7	2667	1.4	6.65	79.3	
Sechi Disk	to bottom						
OP1							
	0.5 ft	23.9	2666	1.4	7.24	88	
	1m	23.9	2664	1.4	7.63	90.7	
	2m	23.8	2671	1.4	7.89	93.8	
	3m	23.7	2672	1.4	8.24	97.9	
	4m	22.1	2516	1.3	8.96	103.4	
Sechi Disk	4'5"						
OP2							
	0.5 ft	24.1	2716	1.4	9.9	118.1	
	1m	24.1	2719	1.4	10.36	123.5	
	2m	24	2713	1.4	10.78	128.7	
	3m	23.9	2714	1.4	11.12	132.6	
	4m	23.9	2713	1.4	11.35	135.2	
Sechi Disk	4'8"						
OP3							
	0.5 ft	24.3	2713	1.4	12.81	153.8	
	1m	24.2	2712	1.4	13.19	157.7	
	2m	24.1	2720	1.4	13.51	161.8	
	3m	24.1	2718	1.4	13.96	167.3	
	4m	24	2722	1.4	14.28	170.8	
	5m	23.7	2777	1.4	3.67	49.2	
	6m	17	74500	4.2	0.48	6.3	
Sechi Disk	5'2"						
Weir							
North	Top	23.6	2716	1.4	6.5	79.8	
	Bottom	23	2706	1.4	5.42	64.4	
South	Top	23.9	2724	1.4	7.08	84.2	
	Bottom	23.8	2719	1.4	6.88	80.7	
Lagoon							
Top		23.8	2883	1.5	7.66	90.8	
Bottom		23.8	2892	1.5	4.62	55.5	

46.3

Top of Concrete to water level

Top of Main Board to water 2"

Top of Herring Board to water 4.75"

Flow moderate

measurment on the way back up to the top