

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date July 31 2007 Time 8:45am
 Temp mid 70s Weather clear, sunny Notes

Comments						
	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%
Ransom Rd. Dock						
	.5 ft	28.7	3276	1.7	4.6	55.3
	bottom	28.3	3299	1.7	4.83	65.6
Height of Pond		20"				
Sechi Disk		to bottom				
Mosquito Creek						
nutrient sampling only						
Treetop Dock						
	0.5 ft	28.1	3374	1.7	6.6	79.5
	2 ft	28.1	3307	1.7	5.6	55.5
Sechi Disk						
OP1						
	0.5 ft	28.4	3312	1.7	8.09	101.5
	1m	28.4	3310	1.7	7.67	97.8
	2m	27.5	3213	1.7	8.3	99.5
	3m	23.7	3017	1.6	10.7	131.0
	4m	17.5	2865	1.5	0.38	97.0
Sechi Disk		8' 9"				
OP2						
	0.5 ft	28.1	3353	1.8	7.76	94.5
	1m	28.1	3354	1.8	8.03	88.9
	2m	27.8	3357	1.8	7.74	99.5
	3m	26.7	3417	1.8	7.86	97.0
	4m	25.7	3418	1.8	4.19	47.1
Sechi Disk		8' 10"				
OP3						
	0.5 ft	27.9	3373	1.8	7.57	99.6
	1m	27.9	3375	1.8	8.01	98.1
	2m	27.7	3373	1.8	7.71	94.5
	3m	27.6	3369	1.8	7.9	98.6
	4m	24.6	3433	1.8	6.13	70.4
	5m	19.2	12.10ms	6.9	0.13	2.3
	6m	12.5	20.8ms	12.5	0.02	0.3
Sechi Disk		8' 2"				
Weir						
North	Top	27.4	3314	1.7	7.13	95.5
	Bottom	27.3	3304	1.7	7.31	88.0
South	Top	27.2	3312	1.7	5.91	86.1
	Bottom	27.2	3278	1.7	4.75	62.1
Lagoon						
Top		27.1	3352	1.7	3.44	37.9
Bottom		27.3	3334	1.7	0.3	6.0

Top of Concrete to water level 7"

Top of Main Board to water 7"

Top of Herring Board to water 7"

Flow slack