

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 10/31/2007 Time 8:45am
 Temp 60s Weather sunny
 Notes warm algae at mouth of weir

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%
Ransom Rd. Dock						
	.5 ft	14.1	3352	1.8	10.20	99.5
	bottom	14.1	3443	1.8	9.97	98.3
Height of Pond		20.0				
Sechi Disk (bottom 3' 2")						
Mosquito Creek nutrient sampling only						
Treetop Dock						
	0.5 ft	13.8	3356	1.8	11.37	110.4
	2 ft	13.8	3352	1.8	11.51	112.5
Sechi Disk	to bottom					
OP1						
	0.5 ft	14.2	3408	1.8	12.07	118.9
	1m	14.2	3404	1.8	12.37	121.4
	2m	14.2	3408	1.8	12.67	126.9
	3m	14.1	3414	1.8	13.21	131.5
	3.5m (bottom)	14.1	3431	1.8	13.70	133.4
Sechi Disk	5'11"					
OP2						
	0.5 ft	14.1	3487	1.8	8.31	80.4
	1m	14.1	3486	1.8	8.26	81.7
	2m	14.1	3600	1.9	7.94	80.1
	3m	14.1	3529	1.9	7.76	75.4
	4m	14.1	3518	1.9	1.26	11.7
Sechi Disk	6'					
OP3						
	0.5 ft	14.1	3495	1.8	9.06	87.2
	1m	14.1	3491	1.8	8.73	86.5
	2m	14.1	3476	1.8	8.31	83.9
	3m	14.1	3469	1.8	7.97	82.9
	4m	14.0	3470	1.8	8.50	81.7
	5m	14.0	3469	1.8	8.03	79.2
	6m	15.4	16.15ms	12.2	0.05	0.8
Sechi Disk						
Weir						
North	Top	12.5	3497	1.8	7.26	71.8
	Bottom	14.0	3381	2.8	1.21	1.46
South	Top	12.6	3516	1.9	6.93	67.1
	Bottom	13.7	14.41ms	7.0	2.70	27.5
Lagoon		12.0	5.57ms	3.0	7.61	61.6
	Top	12.0	5.98ms	3.0	5.54	60.4
	Bottom	16.4	18.22ms	10.8	7.89	87.9

Top of Concrete to water level 9"
 Top of Main Board to water 4"
 Top of Herring Board to water 8"

Flow