

# Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **9/28/2007** Time **12:30 PM**  
 Temp **mid 70s** Weather **muggy cloudy** Notes

Comments						
	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%
<b>Ransom Rd. Dock</b>						
	.5 ft	23.3	3077	1.6	5	65.0
	bottom	22.6	3051	1.6	4.31	52.7
Height of Pond		19 3/4				
Sechi Disk						
<b>Mosquito Creek</b> nutrient sampling only						
<b>Treetop Dock</b>						
	0.5 ft	23.1	3214	1.7	6.16	72.4
	2 ft	23.1	3216	1.7	6.15	78.9
Sechi Disk						
<b>OP1</b>						
	0.5 ft	22.9	3224	1.7	7.31	84.9
	1m	22.5	3224	1.7	7.45	87.2
	2m	21.6	3227	1.7	7.86	88.9
	3m	20.5	3241	1.7	7.01	79.7
	4m	19.4	3167	1.7	0.37	5.0
Sechi Disk 5'3"						
<b>OP2</b>						
	0.5 ft	22.4	3290	1.7	7.42	84.3
	1m	22.3	3439	1.7	7.55	85.4
	2m	22.2	3447	1.8	7.29	84.2
	3m	21.8	3476	1.8	6.88	80.0
	4m					
Sechi Disk 5' 10"						
<b>OP3</b>						
	0.5 ft	22	3305	1.7	7.61	89.6
	1m	22	3301	1.7	7.67	89.1
	2m	21.9	3312	1.7	7.46	88.1
	3m	21.9	3312	1.7	7.3	85.0
	4m	21.4	3331	1.7	6.66	80.6
	5m	20.5	3806	2	0.46	5.2
	6m	15.2	20.3ms	12.2	0.07	1.3
Sechi Disk 6' 3"						
<b>Weir</b>						
North	Top	23.2	4615	2.3	6.1	71.8
	Bottom	22.7	26320	10.3	1.25	15.9
South	Top	23.2	86500	2.1	6.55	79.8
	Bottom	22.8	35570	21.5	2.49	37.0
<b>Lagoon</b>						
Top		23.9	4113	2.2	7.01	84.4
Bottom		23.5	4105	2.2	2.87	39.1
Culvert		22.1	36020	23.4	0.35	5.3

Top of Concrete to water level  
 Top of Main Board to water  
 Top of Herring Board to water

Flow slack