

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date **June 10 2011** Time **0.4**
 Temp **mid 70s** Weather **sunny/cloudy/humid**
 Notes **Emily, Kate and Wendi**

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
Ransom Rd. Dock							
	.5 ft	24.1	3017	1.6	6.96	82.3	
	bottom	23.8	3092	1.6	6.23	66.6	
Height of Pond		22 inches					
Sechi Disk (bottom 3' 2")							
Mosquito Creek							
		18.1	169.9	0.1	5.63	62.0	
Treetop Dock							
	0.5 ft	24.0	3168	1.7	7.19	87.8	
	2 ft	23.0	3167	1.6	6.45	69.6	
Sechi Disk	2'7"						
Septic Inflow near Treetops							
		24.5	3198	1.7	7.98	98.2	
OP1							
	0.5 ft	24.3	3217	1.7	8.19	97.9	
	1m	24.0	3213	1.7	8.17	95.5	
	2m	22.4	3179	1.7	9.01	98.7	
	3m	18.7	3144	1.6	9.14	87.8	
	3.5m (bottom)	15.4	3137	1.6	0.64	6.2	
Sechi Disk	3ft						
OP2							
	0.5 ft	24.3	3241	1.7	8.03	96.7	
	1m	24.1	3248	1.7	7.96	96.8	
	2m	23.5	3253	1.7	7.98	95.3	
	3m	20.8	3283	1.7	8.02	91.4	
	4m	19.1	3334	1.8	2.26	23.5	
Sechi Disk	3'1.5"						
OP3							
	0.5 ft	24.2	3247	1.7	81.50	98.9	
	1m	24.2	3248	1.7	7.98	99.1	
	2m	24.1	3249	1.7	8.30	96.9	
	3m	21.0	3280	1.7	8.06	89.3	
	4m	19.3	3327	1.8	4.43	47.4	
	5m	15.3	3945	2.1	0.07	0.5	
	6m	7.0	19200	11.5	0.00	0.1	
Sechi Disk	3'2"						
Weir							
North		25.1	3084	1.6	6.66	83.6	
South		25.2	3084	1.6	7.11	85.3	
Lagoon		25.3	3221	1.7	6.19	70.1	

Top of Concrete to water level

Top of Main Board to water

Top of Herring Board to water

Flow

good