

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date Aug 21 2009
Temp mid 70s

Time 8:00 AM
Weather warm humid overcast

	Depth	Temp C	us/cm	Salinity ppt	mg/L	DO%	Comments
Ransom Rd. Dock							
	.5 ft	28.5	1940	1	4.66	64.1	
	bottom	28.3	1927	1	1.59	16.1	
Height of Pond (bottom) 19"							
Sechi Disk							
Mosquito Creek nutrient sampling only							
Treetop Dock							
	0.5 ft	27.9	1884	1	5.85	72.7	
	2 ft	27.9	1902	1	4.93	59	
Sechi Disk							
OP1							
	0.5 ft	28.1	1914	1	7.1	88.3	
	1m	28.1	1913	1	7.35	92.6	
	2m	26.8	1853	0.9	7.67	97.8	
	3m	23.6	1642	0.8	10.36	118.2	
	3.5m	19.1	1536	0.8	0.09	1.2	
Sechi Disk 6'							
OP2							
	0.5 ft	27.7	1968	1	6.97	87	
	1m	27.7	1969	1	7.31	92.4	
	2m	27.5	1968	1	7.15	88.1	
	3m	26	1972	1	6.33	67.5	
	4m	25.4	1990	1	2.67	31.5	
Sechi Disk 5'3"							
OP3							
	0.5 ft	27.3	1966	1	7.05	87.4	
	1m	27.3	1966	1	6.65	86.1	
	2m	27.3	1968	1	7.16	87.3	
	3m	26.8	1969	1	6.31	79.2	
	4m	24.8	2005	1.5	40.7	50.7	
	5m	23.1	3041	5.7	0.14	2.3	
	6m	18.1	10.11ms		0	0	
Sechi Disk							
Weir							
North	Top	26.8	2803	1.5	4.28	54.8	
	Bottom	26.8	2820	1.5	3.83	51.2	
South	Top	26.9	3578	1.9	3.55	46.3	
	Bottom	26.8	4415	2.4	2.49	28.4	
Lagoon		27.6	3408	1.8	3.84	48.7	
	Top	26.1	30.81ms	19.1	0.42	2.5	
	Bottom						

Flow