Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date	**Aug 7 2012**		**Time**	**9am**	**Comments**		Nutrient
Temp	**low 70s**		**Weather**	clear, light breeze, sunny			Sio2
Notes							CHl
	Depth	**YSI Temp C**	**YSI us/cm**	**YSI Salinity ppt**	**YSI mg/L**	**YSI DO%**	Sample Locations
Ransom Rd. Dock							
	.5 ft	27.3	3837	2.0	3.82	64.5	
	bottom	27.2	3935	2.1	2.89	37.2	
Height of Po	22						
Mosquito Creek							
		20.8	6800	0.0	5.19	52.9	
Treetop Dock							
	0.5 ft	27.0	4044	2.1	5.69	79.7	
	2 ft	27.1	4049	2.1	5.25	65.2	
Up Well Site							
		27.1	4077	2.2	6.01	79.4	
OP1							
	0.5 ft	27.3	4071	2.1	6.77	87.7	
	1m	27.1	4066	2.1	6.34	79.6	
	2m	26.3	4015	2.1	6.85	85.4	
	3m	24.2	3916	2.1	1.20	13.4	
	3.5m (bottom)	21.6	3799	2.0	0.03	0.5	
Sechi Disk	4'4"						
OP2							
	0.5 ft	27.6	4126	2.2	6.42	83.9	
	1m	27.4	4122	2.2	6.41	78.2	
	2m	27.1	4095	2.2	5.59	69.2	
	3m	26.2	4295	2.3	3.08	37.9	
	4m (bottom)	24.1	6.98	3.7	0.05	0.5	
Sechi Disk	4'5"						
OP3							
	0.5 ft	27.5	4127	2.2	6.29	81.5	
	1m	27.4	4131	2.2	6.14	78.5	
	2m	27.2	4126	2.2	5.96	72.3	
	3m	26.2	4161	2.2	4.16	57.3	
	4m	22.4	12510	7.2	0.06	0.6	
	5m	17.9	17380	10.3	0.02	0.2	
	6m	14.8	19330	11.6	0.00	0	
Sechi Disk	4'4"						
Weir							
North		27.8	4149	2.2	4.41	57.5	
South		28	4361	2.2	6.82	86	
Lagoon		27.7	4238	2.2	5.28	51.1	