

Data Field Sheets Oyster Pond Salinity/Dissolved Oxygen Study

OPET PO Box 496 Woods Hole MA

Contact: Wendi Buesseler 508-540-8162

Date **Sept 2 2013** Time **9:35:00 AM** Comments

Temp **mid 70s** Weather **cloudy overcast, very humid**

Sampler/s Wendi Collected with YSI

Station	Depth	W- Temp C	us/cm	Salinity ppt	mgO/L	DO%
Ransom Rd. Dock						
	.5 ft	24.0	5670	2.8	4.68	67.8
	bottom	23.9	5770	3.1	3.48	41.8
Height of Pond		22.5				
Sechi Disk (bottom 3' 2")		3.2				
Treetop Dock						
	0.5 ft	24.4	5100	3.2	7.00	91.6
	Bot (2ft)	24.3	6000	3.3	6.50	78.5
Sechi Disk						
Up Well Site						
		24.3	6050	3.3	6.75	83.4
OP1						
	0.5 ft	24.2	6030	3.3	7.30	85.7
	1m	24.0	6020	3.3	6.90	83.5
	2m	23.5	6040	3.3	6.18	77.2
	3m	23.2	6090	3.3	2.85	35.2
	3.5m (bottom)	21.6	6000	3.3	0.90	1.2
Sechi Disk						
OP2						
	0.5 ft					
	1m					
	2m	Motor broken not able to sample				
	3m	middle of the pond				
	4m (bottom)					
Sechi Disk						
OP3						
	0.5 ft					
	1m					
	2m					
	3m					
	4m					
	5m					
	6m					
Sechi Disk						
Weir						
North		24.3	6400	3.3	5.40	75.8
South		24.6	6150	3.3	7.34	88.2
Lagoon		24.9	6110	3.3	6.02	77.6
Mosquito Creek						
		19.1	153.3	0.1	4.13	43.4

