

Data Field Sheets Oyster Pond Salinity/Dissolved Oxygen Study

OPET PO Box 496 Woods Hole MA

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Date 5/15/2015 Time 9:30:00 AM Comments

Temp mid 50s Weather thin clouds

Sampler/s Kate, Holton Collected with YSI

Wendi, YSI YSI YSI YSI YSI

Station	Depth	W- Temp C	us/cm	Salinity ppt	mgO/L	DO%
Ransom Rd. Dock						
	.5 ft	19.3	2834	1.7	7.43	79.5
	bottom	18.9	2886	1.7	7.29	78.9
Height of Pond						
Sechi Disk (bottom 3' 2")						
Treetop Dock						
	0.5 ft	19.2	2940	1.7	7.71	84.2
	Bot (2ft)	19.1	2939	1.7	8.07	87.7
Sechi Disk						
Up Well Site						
		19.0	2909	1.7	8.54	92.7
OP1						
	0.5 ft	19.1	2935	1.7	8.64	93.7
	1m	19.0	2941	1.7	8.38	90.5
	2m	18.7	2904	1.7	8.08	87.8
	3m	15.1	2724	1.8	10.51	104.2
	3.5m (bottom)	12.4	2572	1.8	8.29	78.4
Sechi Disk	1.35 meters					
OP2						
	0.5 ft					
	1m					
	2m	station buoy missing				
	3m					
	4m (bottom)					
Sechi Disk						
OP3						
	0.5 ft	19.0	2967	1.8	8.25	90.1
	1m	19.0	2975	1.8	7.73	84.3
	2m	19.0	2975	1.8	8.03	87.8
	3m	18.9	2968	1.8	8.11	88.2
	4m	18.5	2945	1.8	7.79	83.9
	5m	13.7	2719	1.8	4.45	43.4
	6m	11.7	3648	2.7	0.22	2.1
Sechi Disk	1.31 meters					
Weir						
North		18.4	2927.0	1.8	8.1	86.80
South		18.3	2912	1.8	6.96	74.7
Lagoon						
	not able to sample					
Mosquito Creek						
		14.7	0	0.3	9.85	97.7

