

Data Field Sheets Oyster Pond Salinity/Dissolved Oxygen Study

OPET PO Box 496 Woods Hole MA

Contact: Wendi Buessler 508-540-8162

Date Aug 9 2017 Time 9.15 am Comments

Temp 70s Weather clear, sunny warm

Sampler/s Eva Nilsen Collected with YSI

Wendi Buessler

TIME	YSI	YSI	YSI	YSI	YSI	
Station	Depth	W- Temp C	us/cm	Salinity ppt	mgO/L	DO%
Ransom Rd. Dock						
Height of Pond						
OP1	TIME	9.45am				
	0.5 ft	23.6	2784	1.5	8.03	91.6
	1m	23.4	2788	1.5	7.91	92.7
	2m	23.3	2796	1.5	7.88	95.4
	3m	23.2	2790	1.5	7.58	89.7
	3.5m (bottom)	22.1	2572	1.4	4.16	47.1
Sechi Disk	1.22m					
OP2	TIME	10.30am				
	0.5 ft	23.6	2964	1.6	7.46	87.4
	1m	23.5	2954	1.6	7.32	86.3
	2m	23.4	2942	1.6	7.57	88.8
	3m	23.3	2928	1.6	6.93	80.3
	4m (bottom)	23.3	2927	1.6	5.50	50.5
Sechi Disk	1.38m					
OP3	TIME	11.50am				
	0.5 ft	24.4	3010	1.6	7.08	83.6
	1m	24.1	3000	1.6	7.32	86.8
	2m	23.8	2981	1.6	7.53	89.7
	3m	23.6	2968	1.6	7.65	90.4
	4m	23.3	2970	1.6	6.95	82.4
	5m	19.2	11943	7.7	0.46	4.5
	6m	13.1	13343	10.2	0.00	0
Sechi Disk	1.42m					
Weir	TIME	12.30pm				
North		24.3	2956	1.6	7.20	86
South		25.1	3005	1.6	7.23	88.5
Mosquito Creek	TIME	12.15				
		19.6	128.2	0.1	5.53	56.8

