

Data Field Sheets Oyster Pond Salinity/Dissolved Oxygen Study

OPET PO Box 496 Woods Hole MA

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Date June 17 2017 Time 11.25 am Comments

Temp 60s Weather cloudy, warm

Sampler/s Vendi Buesseler Collected with YSI
Chris Neill

TIME	YSI	YSI	YSI	YSI	YSI	
Station	Depth	W- Temp C	us/cm	Salinity ppt	mgO/L	DO%
Height of Pond						
	TIME					
OP1	11.36 am					
	0.5 ft	21.4	2597	1.5	8.10	90.5
	1m	21.2	2594	1.5	8.10	90.8
	2m	21.2	2593	1.5	7.90	88.1
	3m	20.4	2578	1.5	7.40	82
	3.5m (bottom)	16.6	2330	1.4	1.14	14
Sechi Disk	1.29m					
OP2	TIME 11.55am					
	0.5 ft	21.5	2662	1.5	8.70	99.3
	1m	21.2	2652	1.5	8.40	94.2
	2m	21.1	2640	1.5	8.20	92.7
	3m	20.7	2718	1.5	8.20	91.4
	4m (bottom)	20.7	2727	1.5	8.00	91
Sechi Disk	1.22m					
OP3	TIME 12.20pm					
	0.5 ft	21.4	2670	1.5	8.40	95.8
	1m	21.3	2671	1.5	8.30	92.6
	2m	21.1	2673	1.5	8.40	95
	3m	20.8	2687	1.5	7.60	85.5
	4m	17.5	4723	2.9	0.80	9
	5m	14.5	10850	7.8	0.20	2.6
	6m	11.5	12638	10.1	0.20	2
Sechi Disk	1.22m					
Weir	TIME 1.29pm					
North		22.2	2976	1.6	6.50	75
South		22.0	3340	2.0	7.30	84
Mosquito Creek	TIME					
		16.9	79	0.0	8.00	82

Lagoon 1.41pm

top	21.1	3397	1.8	7.30	8.3
mid	21.1	17500	11.0	0.30	4
bottom	20.0	38400	27.3	0.16	2.1

