

# Data Field Sheets Oyster Pond Salinity/Dissolved Oxygen Study

OPET PO Box 496 Woods Hole MA

Contact: Wendi Buesseler 508-540-8162

Date 7/18/2017 Time 9.30am Comments

Temp mid 70s Weather partly cloudy, very foggy near coast

Sampler/s Wendi Buesseler Collected with YSI  
Brendan Lynch

TIME	YSI	YSI	YSI	YSI	YSI	
Station	Depth	W- Temp C	us/cm	Salinity ppt	mgO/L	DO%
Height of Pond						
	TIME					
<b>OP1</b>	<b>9.45am</b>					
	0.5 ft	26.7	2833	1.4	7.64	94.6
	1m	26.5	2834	1.4	7.71	91.8
	2m	25.3	2764	1.4	7.91	97.6
	3m	22.4	2437	1.3	3.40	37.5
	3.5m (bottom)	18.2	2185	1.3	0.37	4.1
<b>Sechi Disk</b>	1.83m					
<b>OP2</b>	<b>TIME</b>	<b>10.20 pm</b>				
	0.5 ft	26.6	2927	1.5	7.77	96.1
	1m	26.4	2913	1.5	7.70	93.2
	2m	25.9	2873	1.5	7.00	86
	3m	24.8	2835	1.5	6.95	86.4
	4m (bottom)	24.0	2818	1.3	0.50	3
<b>Sechi Disk</b>	1.98m					
<b>OP3</b>	<b>TIME</b>					
	0.5 ft	26.5	2924	1.5	7.59	93.7
	1m	26.1	2893	1.5	7.56	93.1
	2m	25.7	2857	1.5	7.24	88.7
	3m	24.7	2835	1.5	6.95	83.7
	4m	23.9	2910	1.6	4.04	48.1
	5m	17.1	11650	8.0	0.30	3.1
	6m	12.1	12855	10.1	0.00	0
<b>Sechi Disk</b>	2.1m					
<b>Weir</b>	<b>TIME</b>	<b>12.30pm</b>				
North		28.1	3012	1.5	8.31	107.2
South		27.7	2984	1.5	7.00	99
<b>Mosquito Creek</b>	<b>TIME</b>					
		19.4	126.5	0.1	6.20	68



Lagoon top 2.0  
mid 1.6  
bottom 1.5