

Data Sheets Oyster Pond Salinity/Dissolved Oxygen Study

Date 4/28/2006
Temp

Time 10:30 AM
Weather sunny, clear Notes

	Depth	Temp C	us/cm	Salinity ppt	mg/L	Comments
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Ransom Rd. Dock

4ft.	0.5	15.4	3141	2.1	9.25	
	Bottom	15.15	4255	2.3	9.58	
10ft	0.5	15.1	4385	2.3	9.42	
	Bottom	14.8	4370	2.3	8.65	
18 ft.	0.5	15.1	4124	2.3	8.95	
	1	14.9	4283	2.3	8.86	
	1.5	14.7	4336	2.3	9.82	
	2	14.7	4346	2.3	9.18	
Height of Pond at Dock		21"				

Secchi Disk 2ft

Float End of Dock - 25 ft

	0.5					
	1					
	1.5	Float missing				
	2					
	2.5					
	3					

Secchi Disk

Mosquito Delta

	0.5	15.3	4295	2.3	10.06	
	1.00					
	1.5					
	bottom	15.2	4299	2.3	9.55	
Sechi Disk						

strong sulfur smell at bottom

Treetop Dock

	0.5	15.3	4415	2.3	7.76	
	1.00					
	1.5					
	Bottom	14.5	4424	2.4	7.53	

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OP1

	0.5 ft	15	4456	2.4	11.44	
	1m	14.2	4477	2.4	10.83	
	2m	13	4483	2.4	9.84	
	3m	12.6	4485	2.4	10.01	
	4m	11.5	4463	2.4	6.55	
Sechi Disk	1' 8"					

Spohr Dock

	0.5	14.2	4548	2.4	10.02	
	bottom	14	4867	2.4	9.48	
Sechi Disk	1' 10"					

OP2

	0.5 ft	13.6	4601	2.5	10.72	
	1m	13.7	4593	2.5	10.5	
	2m	13.7	4597	2.5	10.48	
	3m	13.6	4567	2.5	10.37	
	3.5m	12.6	4549	2.4	7.3	
Sechi Disk	2' 1"					

OP3

	0.5 ft	13.3	4610	2.5	10.58	
	1m	13.4	4625	2.5	10.26	
	2m	13.3	4626	2.5	10.39	
	3m	13.3	4634	2.5	10.33	
	4m	13.3	4631	2.5	10.38	
	5m	13.2	4649	2.5	10.3	
	6m	9.5	6.01ms	11.2	0.12	
Sechi Disk	1' 11"					

Weir

North	0.5	14.1	4650	2.5	9.72	
	bottom	14.2	4620	2.5	8.79	
South	0.5	14.2	4652	2.5	9.8	
	bottom	14.2	4647	2.5	10.13	

Lagoon

Top		14.6	4936	2.7	9.32	
Bottom						

Top of Concrete to water level 10"

Top of Main Board to water 1' 4"

Top of Herring Board to water 1' 4"

Flow moderate flow

Other Notes