

Hillsborough County Environmental Protection Commission

Bacteriological Results

2

Location Lake Calm Date 9/30/73 Time 0905
 Collector(s) M. J. Jellard Analyzed by [Signature] Date 9/30/73
 Received by Jessie Powell Time 0930 Date 9/30/73
 Code: - no growth or turbidity Chlorine mg/l
+ growth or turbidity S₂O₃ in bottle? 2pc
⊕ growth plus gas produced

Amount of Sample (ml)	Incub. Temp. °C	Tube 1		Tube 2		Tube 3		Tube 4		Tube 5		⊕	⊕	MPN Index Factor
		24 hour	48 hour	24 hour	48 hour	24 hour	48 hour	24 hour	48 hour	24 hour	48 hour	Count 24 hours	Count 48 hours	
1.0	35	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	5	5	10
	45	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	5		
0.1	35	⊕	⊕	⊕	⊕	+	⊕	⊕	⊕	⊕	⊕	4	5	100
	45	⊕	⊕	⊕	⊕			⊕	⊕	⊕	⊕	4		
.01	35	+	+	+	+	+	+	+	+	⊕	⊕	1	1	1000
	45									⊕		1		
.001	35													10000
	45													
.0001	35													100000
	45													
	35													
	45													
	35													
	45													

Final Presumptive Coliform Count = Table 407(2) 33 x Factor 100 = 3300 mll
 Confirmed test on EMB plates (typical colonies) Yes No
 48/24 hour Final Confirmed Fecal Coliform Count = Table 407(2) 170 x Factor 10 = 1700
 170 x 10 = 1700

This sample was taken after a lot of rain and there was quite a bit of soil in the sample. Therefore results could be high.