

Bacteriological Results

Sample location LAKE CAROL (WESTERFIELD) Date 6/14/72 Time _____

Collector(s) DRRS, NAJARRO Analyzed by rw Date 6/14/72

code: - no growth or turbidity
 + growth or turbidity
 ⊕ growth plus gas produced

chlorine .0 mg/l
 S₂O₃ in Bottle? yes

Amount of Sample (ml)	Incub. Temp. °C	Tube 1		Tube 2		Tube 3		Tube 4		Tube 5		⊕ Count 24 hour	⊕ Count 48 hour	MPN Index Factor
		24 hour	48 hour	24 hour	48 hour	24 hour	48 hour	24 hour	48 hour	24 hour	48 hour			
0 ¹ 1.0	35	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	5	5	10
	45		⊕		⊕		⊕		⊕		⊕	5		
1 ¹ 0.1	35	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		5	5	100
	45		⊕		⊕		⊕		+		+	3		
2 ¹ .01	35	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		5	5	1000
	45		+		+		⊕		⊕		⊕	3		
3 ¹ .001	35	⊕	⊕	⊕	⊕	+	+	⊕	⊕	+	+	2	2	10000
	45		⊕		⊕		-		-			2		
4 ¹ .0001	35													100000
	45													
	35													
	45													
	35													
	45													

^{hour} 48 Final Presumptive Coliform Count = 540 (Table 407(2)) x 100 (Factor) = 54,000 MPN/100ml

Confirmed test on EMB plates (typical colonies?) Yes No

^{hour} 48/24 Final Confirmed Fecal Coliform Count = 180 (Table 407(2)) x 100 (Factor) = 18,000 MPN/100ml
 T.S.I. E.C. medium.

Note: Pos. for PHACOLON - aerobacter group, Proteus group.