

REPORT OF WATER ANALYSIS—CITY OF

K. U. Gym. Pool

Laboratory No.	421456		
Source	W. end of Pool	E. End of Pool	
Collected by	Max Kissell		
Date of collection	4-7-42		
Date received	4-7-42		
Analysis completed	4-10-42		
BACTERIAL EXAMINATION *			
Bacteria per cc. on Agar, at 37°—24 hrs.	5	4	
Presumptive Tests for Coli-Aerogenes Group	-	-	
Results of Fermentation Tests:			
in 3 10 cc. tubes	3-	3-	
in 3 1 cc. tubes	3-	3-	
in 3 .1 cc. tubes	3-	3-	
in 3 .01 cc. tubes			
in 3 .001 cc. tubes			
Confirmatory Tests for Coli-Aerogenes Group			
CHEMICAL ANALYSIS Results in parts per million.			
Color			
Odor			
Turbidity			
5 day B. O. D.			
Nitrogen as Nitrites			
Nitrogen as Nitrates			
Solids, total			
Special			
Special			
MINERAL ANALYSIS			
HCO ₃ (Bicarbonate)	34	40	
CO ₃ (Carbonate)			
OH (Hydroxide)			
Cl (Chlorides)		83	
Fe (Iron)			
Special			

* Gas in the fermentation tubes and confirmatory test indicate the presence of bacterial organisms of the Coli-Aerogenes group. These organisms inhabit the intestinal tract of warm-blooded animals, hence their presence in water shows sewage contamination or pollution from surface drainage. Plus sign, gas present. Minus sign, gas absent.

One part per million is equivalent to 1 pound of substance per million pounds of water. One gallon weighs 8.33 pounds. 17.1 parts per million=1 grain per gallon.