

**KANSAS CITY STATE RACIAL  
INTEGRATION**

# REPORT OF WATER ANALYSIS—CITY OF.

Lawrence K.U. Pool

Laboratory No.	425076	DIVISION OF SANITATION		Division A		Division B		Division C	
Source	Swim Pool								
Collected by	Dr. Morehouse								
Date of collection	10-5-42								
Date received	10-6-42								
Analysis completed	10-9-42								
<b>BACTERIAL EXAMINATION*</b>									
Bacteria per ml. on Agar, at 37°—24 hrs.	3,500								
P-Presumptive tests for Coliform group	P	C	P	C	P	C	P	C	
C-Confirmatory tests for Coliform group									
Results of Fermentation Tests:									
10 ml. portions	1+4-	+							
1 ml. portions	3-								
.1 ml. portions									
.01 ml. portions									
.001 ml. portions									
<b>CHEMICAL ANALYSIS</b>									
<i>Results in parts per million.</i>									
Turbidity	under 1								
HCO <sub>3</sub> (Bicarbonate)	50								
CO <sub>3</sub> (Carbonate)									
OH (Hydroxide)	91								
Cl (Chlorides)									
Fe (Iron)									
Color									
Odor									
Special	pH								

\*Gas in the fermentation tubes and confirmatory test indicate the presence of bacterial organisms of the Coliform group. These organisms inhabit the intestinal tract of warm-blooded animals, hence their presence in water shows contamination from sewage or pollution from surface drainage. For presumptive test: 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.