REPORT OF WATER ANALYSIS—CITY OF Lawrence KU Pool

Laboratory No.	425247							
Source	Swim. Pool							
Collected by	F. C. Allen							
Date of collection	10-12-42							
Date received	10-13-42							
Analysis completed	10-15-42							
BACTERIAL EXAMINATION*								
Bacteria per ml. on Agar, at 37°—24 hrs.	5,000							
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	5-							
1 ml. portions	3-							
.1 ml. portions								
.01 ml. portions								
.001 ml. portions								
CHEMICAL ANALYSIS *Results in parts per million.*								
Turbidity	10							
HCO_3 (Bicarbonate)	34							
CO_3 (Carbonate)								
OH (Hydroxide)								
Cl (Chlorides)	108							
Fe (Iron)								
Color								
Odor								
Special								
pH	6.9							

*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 sewage contamination 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.