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**LAWRENCE, KANSAS**

October 9, 1942

Dr. Laurence E. Morehouse  
Physical Education Dept.  
Campus

Dear Dr. Morehouse:

On the reverse side of this sheet are listed the results of the bacteriological analysis of the sample of water you submitted from the K. U. Pool.

The sample from the Pool showed the presence of coliform organisms which indicate pollution in one of the 10 ml. portions examined making it necessary to report it as in fair condition from a bacteriological standpoint.

Very truly yours,

DIVISION OF SANITATION

*Cassandra Ritter*

Cassandra Ritter  
Bacteriologist

CR:DB

\*Gas in the fermentation tubes and confirmatory test indicate the presence of bacterial organisms of the Coliform group. These organisms inhibit 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. 100 parts per million—1 grain per gallon.