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LAWRENCE, KANSAS

October 15, 1942

Dr. F. C. Allen
Physical Education Dept.
Campus

Dear Dr. Allen:

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

The K. U. Pool has a very high total count of bacteria. There were 5,000 or more in one cubic centimeter of the sample. No coliform organisms were present. This would give the pool a "good" rating from a bacteriological standpoint. The water had a distinctly mouldy odor. The pH of this sample was 6.9. This is a little more acid than is best for swimming pool water.

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 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.