

March 22, 1944.

Mr. F. M. Gray,
Vice-President I/C Production,
Canada Dry Ginger Ale Limited,
153 Sherbourne Street,
Toronto, Ontario.

Dear Sir:

Your letter of February 29th, 1944 addressed to the Water Commissioner, requesting information on analysis, temperature, etc. of City water, has been referred to this Division.

The average temperature of the water supply in January is 38° F., March 42° F., June 53° F., August 63° F., October 51° F., and December 43° F.

The chemical analysis of the water is as follows:

Color: Clear

Reaction: Neutral

During the time of heavy freshets turbidity is noticeable due to clay held in mechanical suspension.

Total Solids:	38.41	parts per million
Volatile	12.19	" " "
Fixed	26.22	" " "
Ammonia, free	0.008	" " "
Ammonia, albuminoid	0.019	" " "
Chlorine	2.60	" " "
Nitrates	0.59	" " "
Nitrites	None	

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The bacteria count of the finished water is as follows:

Plate Count per C.C.		Coli Aerogenes Test		
<u>20° C.</u>	<u>37° C.</u>	<u>0.1 cc.</u>	<u>1 cc.</u>	<u>10 cc.</u>
0	0	0/1	0/1	0/5

The residual chlorine content is 0.20 parts per million.

There is no filtration or alum dosage used in the City water supply.

I trust this is the information you desire.

Yours truly,

John F. C. B. Vance
City, Provincial & Dominion Analyst
Chief Food & Dairy Inspector.

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