

TABLE III. (*Parts per million.*)

DATE.	FREE AMMONIA.	ALBUMENOID AMMONIA.	CHLORINE.
January, 1893	.013	.09	5.2
July, 1894	.006	.074	5
April, 1901			4 to 6
April, 1903	.044	.111	5.6
April, 1903	.06	.122	5.7

The figures given for the analyses in 1893 and 1894 are looked upon by Professor Goodwin, as about the average analysis of our pure lake water. It will be seen at once that the analysis made late in April showed a water comparatively impure, there being an increase in all elements, the free ammonia being increased three to four times with a 25% increase in the albumenoid ammonia. The examinations made in April were so far as I know, the only local chemical examinations made. Previous to this however, samples had been sent to the Provincial Bacteriologist for chemical analysis. The earliest samples were sent on February 20th, and I append Dr. Amyot's figures in Table IV, with a contrast analysis of the Toronto public water supply.

TABLE IV. (*Parts per million.*)

DATE.	FREE AMMONIA.	ALBUMENOID AMMONIA.	CHLORINE.
Feb. 20, 1903, No. 1	.035	.105	.4
Feb. 20, 1903, No. 2	.035	.115	.8
Toronto Water	.025	.075	.8

The analysis of Kingston water when compared with that of Toronto, did not make a bad showing to untrained observers in spite of the words of warning accompanying the report. In fact it did much to lull to rest the idea that the water supply was really at fault, in so far as the local authorities were concerned.