

IX.—HEALTH DEPARTMENT

STERILIZATION—PURIFICATION OF WATER— CHLORINATION—FILTER

CITY OF QUEBEC

Municipal Laboratory

Quebec, February 22nd, 1916.

His Worship Mayor Drouin,
Quebec.

Mr. Mayor,

In September 1907, in my report to the members of the City Council of Quebec, after a succession of analysis, I have demonstrated the urgency of purifying artificially the water supply, through a system of suitable filter. Since I took charge again of the Municipal Laboratory, in 1913, I have made a serious study, methodically and periodically of the chemical and bacteriological conditions of the water of our supply, and a minute inspection of the watershed of the River St. Charles and tributaries made by Mr. Lafrenière, sanitary engineer of the province, has also demonstrated from the observations made and the reports laid before you that our water supply was exposed to contamination through numerous and constant agents, and thus arose thereupon a permanent danger to the health of the population of the City of Quebec.

All those facts, as well as the costly experience which we have acquired through the deathly epidemic of typhoid fever