

Pure Water for Hospitals and Military Camps

THE A.D.M.S.M.D. NO. 2,
Exhibition Camp, Toronto, Ontario,

Exhibition Camp, November 10, 1916.

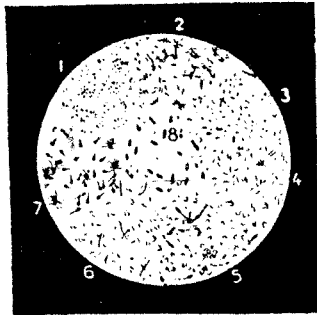
The Ultra Violet Ray Company,
50 Broad Street, New York, U.S.A.

Gentlemen,—The R.U.V. plant installed by you for the Department of Militia and Defence at Niagara-on-the-Lake, Ontario, has given excellent results. When operated under proper conditions a reasonable supply of thoroughly disinfected and tasteless drinking water was available, and this was much appreciated when the only other method of purification available was chlorination.

With Niagara River water primary filtration and subsequent treatment with the ultra-violet rays rendered this highly polluted water absolutely safe for drinking purposes.

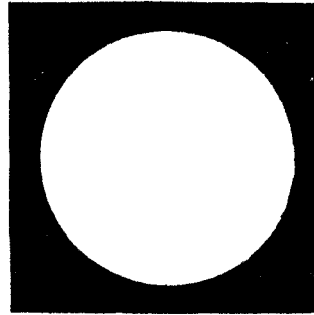
Yours truly,

J. N. MARLOW, Colonel, A.D.M.S.M.D. No. 2.



Water Before Sterilization.

- 1—Influenza.
- 2—Typhoid.
- 3—Enteritis.
- 5—Diphtheria.
- 6—Asiatic Cholera.
- 4—Diarrhœa.
- 7—Tetanus.
- 8—Peritonitis.



After Sterilization.

Water sterilized by means of the Ultra Violet Ray process is purified without use of chemicals, change of taste, color, mineral contents or temperature. The water may be at any temperature when passed through the sterilizer, and the number of bacteria present in the water or any variation in their count, in no way varies the result in ULTRA VIOLET RAY sterilization: they are all destroyed.

When operating at normal capacity on water free from turbidity and color, these sterilizers are guaranteed to furnish a water meeting in every way the Standards set by the U.S. Treasury Department, about the highest known standard for water.

The Hospital has much to look forward to in installing ULTRA VIOLET RAY STERILIZERS. To begin with, its inmates are sub-normal in resistance to bacterial activity and the health insurance to them alone, by supplying sterile drinking water, warrants any investment. Economically, there is a tangible saving as well, for by constructing a circulating drinking water supply, cooling same continually and economically with the Refrigerating Equipment generally found in these institutions, there is then made available, unlimited, properly chilled and sterile water for consumption, with little or no waste. The common method of

cooling individually is not only unsanitary and frequently dangerous, but financially wasteful of ice and water as well.

The bactericidal action of the R.U.V. sterilizer is peculiar and absolute. The bacteria pass along in their manner of existence until radiations of ultra violet strike them, when they swell up and burst and the protoplasm is apparently dissolved, and any poisoning power of the toxin itself removed, as well as the absolute destruction of life of the bacteria.

Our nearest house will be glad to give you further information and prices.

Northern Electric Company

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