

August 6, 1943

Dr. K. T. Johnstone,
Medical Supervisor,
Remington Arms Company, Inc.,
Bridgeport, Connecticut.

Dear Dr. Johnstone:

In Dr. Kehoe's absence, I am sending a copy of the analytical results on blood and urine samples obtained from [REDACTED] as noted in your letter of August 2, 1943. It is apparent that these values for both blood and urine are well within the normal range and do not indicate significant occupational exposure.

In the light of these analyses, especially considering the meticulous care in their collection, it is probably correct to assume that they represent true values and that those reported earlier (July 21, 1943) may have been contaminated, as pointed out in Dr. Kehoe's letter of July 27.

As to the possibility of hot weather and excessive water intake having some bearing on the high blood and low urine lead concentrations, there is evidence to demonstrate a variation in the urinary excretion dependent among other factors on urinary volume and seasonal influence, but the blood lead level is apparently not influenced by these factors, so that there is no inverse relationship between high blood and low urine lead levels.

Cordially yours,

K. V. Kitzmiller, M. D.

KVK ef

Enc.

KE 0018519

Samples of blood and urine submitted by Remington Arms
Company, Bridgeport, Connecticut.

Urine

Analysis No. 43A-2597

Volume - 89 cc

Mgs Pb/
Liter - 0.03

Blood

Analysis No. 43A-2598

	<u>Spectrographic</u>	<u>Dithizone</u>
Weight	8.4 gms	9.5 gms
Mgs Pb/ 100 Grams	0.065	0.060

Samples received: 8-2-1943

Reported: 8-3-1943