

March 22, 1948

Dr. John G. Sholl,
10515 Carnegie Avenue,
Cleveland 6, Ohio.

Dear Dr. Sholl:

I send you herewith the analytical results on the urine and the two specimens of blood of your patient, [REDACTED] In Dr. Kehos's absence I would like to express an opinion as to the meaning of these concentrations.

If this man was continuing to work during the period of sampling, the samples indicate that he is exposed to lead. Presumably this exposure is occupational.

It is uncommon for men with this degree of exposure to have signs or symptoms of lead poisoning. Occasionally, however, they may have a moderate anemia and stippling, and frequently there is a lead line. Sometimes some weight loss and abdominal cramping occurs, but this is certainly not the general rule.

I think you would be well advised to do careful clinical examinations on all the men who have a similar exposure at monthly intervals. This examination should include at least questions in regard to pertinent clinical symptomatology and a determination of the body weight and hemoglobin. If the men have any symptomatology, a red count and stippling may also be done and specimens sent for analysis of the concentration of lead in the blood and urine.

In addition, a representative number of the group might have the concentrations of lead determined quarterly and semi-annually. If these are high and the clinical symptoms suggest that the lead exposure may be contributing to the health of the men, then a survey should be made of the atmospheric conditions under which they work so that the cause of the lead exposure may be eliminated at its source.

Very truly yours,

Henry W. Ryder, M. D.

HWF ef

Enc.

KE 0005250

N 7201

Name: [REDACTED] Ferro Chemical Company, Bedford, O.
Material: Urine and Blood
Submitted: 3-16-48 by Dr. J.G. Sholl, 10300 Carnegie Avenue,
Cleveland, Ohio.
Required: Lead Analyses

URINE

Analysis Number - 48A-2390
Volume - 33 ml.
Specific Gravity - Insufficient Quantity
Mg. Pb/Liter - 0.11

BLOOD

Analysis Number - 48A-2389
Weight - 18.6 Grams
Mg. Pb/100 Grams - 0.050 (Spectrographic)
Mg. Pb/100 Grams - 0.07 (Dithizone)

Samples Collected: 3-15-48
Samples Received: 3-16-48
Samples Reported: 3-19-48

Robert A. Kehoe, M. D.
College of Medicine Eden Avenue
Cincinnati 19, Ohio

March 22, 1948

Dr. John G. Sholl,
10515 Carnegie Avenue,
Cleveland 6, Ohio.

Analysis of Blood and Urine for Lead
[REDACTED]

\$ 10.00

KE 0005252