



University of Cincinnati

Cincinnati, Ohio 45219

COLLEGE OF MEDICINE, EDEN AND BETHESDA AVENUES
KETTERING LABORATORY
DEPARTMENT OF ENVIRONMENTAL HEALTH

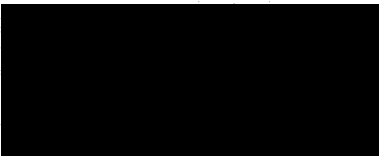
Source: Employees of Quemetco, Inc., 502 S. Harris St.,
Indianapolis, Indiana 46221

Material: Blood collected 12-27-71

Submitted: 12-29-71 by Mr. Bob Morrow

Required: Determination of lead

Results

Name	BLOOD		
	Analysis Number	Weight Grams	Mg. Pb/ 100 G.
	71A-7861	19.7	0.040
	71A-7862	19.1	0.070
	71A-7863	18.7 and 17.4	0.080*
	71A-7864	18.2 and 18.8	0.080*
	71A-7865	18.5 and 19.1	0.075*
	71A-7866	18.9	0.045
	71A-7867	18.9 and 19.3	0.080*
	71A-7868	14.6 and 18.9	0.080*
	71A-7869	18.7 and 19.9	0.080*
	72A-6	19.1	0.050
	71A-7870	18.5	0.045
	71A-7871	19.7	0.065
	71A-7872	18.9	0.070

*Average of two analyses. A check analysis on the duplicate sample is routinely run when a high result is obtained.

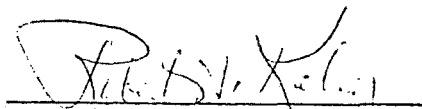
Name	BLOOD		
	Analysis Number	Weight Grams	Mg. Pb/ 100 G.
[REDACTED]	71A-7873	18.5 and 17.9	0.10*
[REDACTED]	71A-7874	18.1 and 18.3	0.090*
[REDACTED]	71A-7875	18.8 and 19.5	0.10*

*Average of two analyses. A check analysis on the duplicate sample is routinely run when a high result is obtained.

The results marked with asterisks (on page 1 of the report), in the cases of [REDACTED], [REDACTED], [REDACTED] and [REDACTED] are elevated (above the mean normal level of 0.03 ± 0.01), and are at the threshold value representative of potentially dangerous absorption of lead. James Garrison is in the dubiously dangerous level, and it may be supposed (not necessarily true) that the severity of his present exposure is such as to put him at a higher level of absorption (if he continues) in a short time. In any case, the exposure of the five men listed first above is too great for safety and should be reduced materially at once, if possible. It cannot be said certainly that any of these men will show any signs or symptoms of lead poisoning, now or soon, but, on the other hand, it cannot be said that they will not, for lead poisoning has its onset at this level sometimes.

The three men, whose results are listed on page 2 of this report, are now at dangerous levels of lead absorption. Their exposure to lead should be greatly reduced at once, preferably by being transferred to work entirely free of exposure to lead. However, if work can be found that involves a large reduction in their exposure to lead, they may well escape lead poisoning and at the same time avoid loss of their job.

Signed:


Robert A. Kehoe, M.D.



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January 12, 1972

To: Quemetco, Inc.
502 S. Harris St.
Indianapolis, Indiana 46221

Attn: Mr. Bob Morrow
Re: P.O. #67071

For: Reimbursement of the Kettering Laboratory for the
analyses of the bloods of fifteen (15) employees.
The samples were submitted 12-29-71 for the de-
termination of lead.

15 analyses @ \$12.50 ea. \$187.50

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