



KETTERING LABORATORY
COLLEGE OF MEDICINE

Noerr
University of Cincinnati

Cincinnati, Ohio 45219

Material: Three (3) samples of soil. Two (2) samples from the Noerr farm and one sample from the County Home farm.

Submitted: April 20, 1970 by Clair D. DeLong, County Agent, for James F. Noerr, R #3, Box 213, Lewistown, Pa. 17044

Required: Determination of lead.

Results

<u>Analysis Number</u>	<u>Description</u>	<u>Parts Per Million of Lead</u>	
		<u>As Received</u>	<u>Dry Basis</u>
70A-2714	A - Noerr Farm	45.0	57.0
70A-2715	B - Noerr Farm	55.0	69.0
70A-2716	C - County Home Farm	22.5	25.4

The quantities of lead found in samples #A and #B are clear evidence of the contamination of these two samples with lead from some source.

Samples of soil in agricultural areas of the U.S.A., according to our experience in areas far removed from mining and industrial activities, and from heavy vehicular traffic, range as a rule up to 15 and 20 parts per million, and, occasionally, to somewhat higher levels.

By comparison with sample #C, Samples #A and #B are quite high in their lead content.

Signed:

Robert A. Kehoe
Robert A. Kehoe, M.D.

N 6122

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copy

April 29, 1970

CONFIDENTIAL

Mr. Clair D. DeLong
County Agent
Cooperative Extension Service
11 W. Fleming Avenue
Lewistown, Pa. 17044

Dear Mr. DeLong:

I enclose herewith a copy of an analytical report and its interpretation, in connection with the samples which you sent to me recently.

The report, of course, gives only the bare facts concerning the lead content of the three samples, and draws only the most likely interpretation of these facts. I have not said nor suggested that the Noerr farm, to the extent that these findings are more or less characteristic, has been greatly damaged in its potentialities as a farm by such contamination, nor do I think one can say very much along this line for the reason that most vegetation takes up only a small proportion of the available lead. You may know a great deal more than I do about this, but such information as I have does not enable me to draw any very serious conclusions about these findings. If I am wrong in this statement, I hope you will put me straight, or refer me to information which can be trusted. The fact of the contamination is not a nice thing to contemplate, but I am by no means convinced of its deleterious meaning.

Sincerely yours,

Robert A. Kehoe, M.D.
Professor Emeritus of
Occupational Medicine

RAK:wb

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VF

COOPERATIVE EXTENSION SERVICE
WEST FLEMING AVENUE
LEWISTOWN, PENNA. 17044

THE PENNSYLVANIA STATE UNIVERSITY
COLLEGE OF AGRICULTURE
IN COOPERATION WITH
THE U.S. DEPARTMENT OF AGRICULTURE
AND MIFFLIN COUNTY EXTENSION SERVICE

April 13, 1970

Dr. Robert Kehoe
Kettering Laboratories
College of Industrial Medicine
University of Cincinnati
Cincinnati, Ohio 45219

Dear Dr. Kehoe:

Enclosed are three soil samples related to the Noerr farm situation. A and B come from the Noerr farm, and C should be a control which comes from the County Home farm immediately East of Lewistown. The cost of this analysis should be billed to the Noerr's, since these samples were taken and are being mailed with their concurrence for their purposes. The results should be mailed to the Noerr's.

So far there have been only two days of defense testimony, with additional scheduled for April 23rd and 24th. At this moment it is rather difficult to see what they hope will be the strong points in their defense.

Sincerely yours,

Clair D. DeLong

Clair D. DeLong
County Agent

CDD:pk

CONTENTS: MERCHANDISE POSTMASTER: THIS PARCEL MAY BE OPENED FOR POSTAL INSPECTION IF NECESSARY. RETURN POSTAGE GUARANTEED.	FROM Clair D. DeLong
	11 W. Fleming Avenue Lewistown, Pa. 17044
TO	Dr. Robert Kehoe
	Kettering Laboratories
	College of Industrial Medicine
	University of Cincinnati
	Cincinnati, Ohio 45219

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