

June 15, 1937

Mr. J. C. Taylor
Ethyl Gasoline Corporation
Chrysler Building
New York, New York.

Attention Mr. O. B. Lewis

Dear Mr. Lewis:

The tabulation below covers the results of analyses on the samples of sludge from the Keystone Pipe Line Company sent to us by Ellis O. Jones.

- (1) Pipe Line Sludge from Waste Pile
Boot, Pennsylvania
1.85% lead
- (2) Fresh Sludge Sample
Boot, Pennsylvania
1.54% lead
- (3) Pipe Line Sludge from Waste Pile
Montello, Pennsylvania
0.34% lead
- (4) Fresh Sludge from Sediment Trap
Montello, Pennsylvania
0.48% lead

The amounts of organic lead in all of the samples were less than 0.0023%. The amounts of lead in all of these samples were less than amounts found in many samples of sludge and scale, but until we have more information on the behavior of small percentages of lead in mixture with iron rust, I would recommend that precautions similar to those in cleaning tanks be taken when the sludge traps are cleaned. Furthermore, material that has been removed from the lines and traps should be buried.

Very truly yours,

WFM:vr

Willard F. Machle, M. D.