

To D.J.E., A.R.C., H.E.P.

Date May 18, 1973

From M.E. Lane

Ref. _____

Subject Roaster Stack Filtration Test

Date of Test: May 10, 1973

Gas Velocity: 13.00 ft./sec

Gas Temperature: 207°F

Gas Volume: 67,393 c.f.m.

Arsenic in Roaster Feed: 29080 lbs

Arsenic in Roaster Calcine: 3740 lbs

Arsenic in Hot Cottrell Dust: 380 lbs

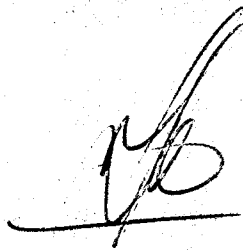
Arsenic to Baghouse: 24460 lbs

Arsenic to Atmosphere: 875 lbs

Baghouse Efficiency: 96.42%

Total Collection Efficiency: 96.55%

N.B. Cottrell sections #3 and #4 were operating at the time of the test. On May 10th these sections were shutdown and sections #1 and #2 were put into service.



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