

To D. G. Emery; H.E. Rawson

Date Sept 4/75

From C. G. Olsen

Ref.

Subject Roaster Stack Filtration Test

Sampling Date: Aug 2/75

Gas Temperature - 154°F
Gas Velocity - 9.66 ft/sec
Gas Volume - 36,242 cfm

Weight of Arsenic lost to atmosphere - 664.03 lb/day

Arsenic in Roaster Feed - 22340
Arsenic in Roaster Calcine - 3280
Arsenic in Cottrell Dust - 1240
Arsenic to Baghouse - 17820

Baghouse Collection Efficiency - 96.27%

Total Collection Efficiency - 96.52%