

To D.J. Emery: C.C. H.E. Rawson
From C.O. Olsen
Subject Roaster Stack Filtration Test

Date June 26/75
Ref. _____

Sampling Date: June 24/75

Gas Temperature - 160°F
Gas Velocity - 10.29 ft/sec
Gas Volume - 38,525 C.F.M.

Weight of Arsenic lost to atmosphere - 673.70 lb/day

Arsenic in Roaster Feed - 25400
Arsenic in Roaster Calcine - 3460
Arsenic in Cottrell Dust - 820
Arsenic to Baghouse - 20446

Baghouse Collection Efficiency - 96.81%

Total Collection Efficiency - 96.93%