

To D.J. Emery; c.c. H.E. Pawson
From R.J. Tucker
Subject Roaster Stack Filtration Test

Date JUNE 6, 1975
Ref. _____

Sampling Date - May 2, 1975

Gas Temperature - 160°F
Gas Velocity - 10.45 ft/sec.
Gas Volume - 39,125 c.f.m.
Weight Arsenic Lost to Atmosphere - 273.06 lb/day

Arsenic in Roaster Feed - 24,420
Arsenic in Roaster Calcine - 3,200
Arsenic in Cottrell Dust - 560
Arsenic to Baghouse - 20,360

Baghouse Collection Efficiency = 98.66%
Total Collection Efficiency = 98.71%