

To D.I. Emery; C.C. H.S. Pawson
From C.O. Olsen
Subject Roaster Stack Filtration Test

Date June 26/75
Ref. _____

Sampling Date - June 19/75

Gas Temperature - 155°F
Gas Velocity - 10.25 ft/sec
Gas Volume - 38,376 c.f.m.

Weight of Arsenic lost to atmosphere - 428.7 lbs/day

Arsenic in Roaster Feed	24,000
Arsenic in Roaster Calcine	3,240
Arsenic in Cottrell Dust	640
Arsenic to Baghouse	20,120

Baghouse Collection Efficiency = 97.88%

Total Collection Efficiency = 97.93%