

To J.M. Mortimer  
From H.E. Pawson  
Subject Stack Emissions

Date November 20, 1974  
Ref.

Campbell results do indeed look good but I assume the gr/cu. ft. figures you show are for arsenic alone and therefore do not indicate total particulates.

Nevertheless, results there look so good I am afraid I must be a little skeptical when I compare them to ours which appear to be 0.1 to 0.2.

It is also interesting to note that their arsenic content in roaster feed is about 25% of ours.

The Western Research boys will be in today. I'll advise you of results as soon as they become available.

The Colorado School of Mines Mineral Industries Bulletin Vol. 17 Number 2, May 1974 claims there are no federal regulations restricting emission of arsenic but as particulates the compounds fall under the ambient air standards which follow.

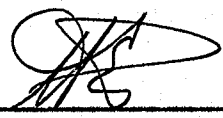
Annual Allowable  
Geometric Mean  
Particulate Concentration  
(ug/cu m )

Max. 24 hr.  
Concentration Not to be  
Exceeded. More than Once  
a year  
(ug/cu m )

Primary 75  
Secondary 60

260  
150

svh/  
c.c. D.J.E.  
A.K.C.

  
H.E. Pawson  
Mill Superintendent