

Department of
Indian Affairs and
Northern Development



Ministère des
Affaires indiennes et
du Nord canadien

Dave Emery, Esq.,
Mine Manager,
Giant Yellowknife Mines Ltd.,
Yellowknife, N.W.T.

Ottawa 4, October 15, 1970.

our file/notre dossier R-1845-7
your file/votre dossier

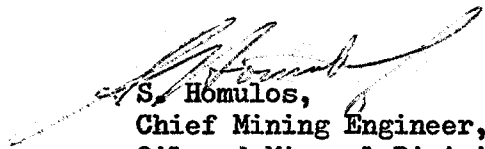
Dear Dave,

In reviewing stack sampling reports submitted by you to the Mining Inspector, I find that only two samplings are performed each year instead of the four as requested in previous instructions regarding the monitoring of arsenic emissions from roaster stacks. It is also noted that the efficiency of your collection plant has dropped from 99.5 to a low of 97.87% and as a result the amount of arsenic discharged to atmosphere has risen from about 155 pounds per day to 579 pounds per day. From past experience, it is obvious the efficiency of collection of 99.5% to 99.7% can be attained. This was also confirmed by stack sampling done by the Department of National Health and Welfare.

It is imperative that the amount of arsenic permitted to escape to the atmosphere is kept to a minimum. Please advise why there has been a drop in the performance of your collection plant, why the high efficiency of collection cannot be maintained, and why more stack sampling is not being carried out as prescribed.

I am requesting that you investigate this matter thoroughly and take additional stack samples immediately.

Yours sincerely,


S. Homulos,
Chief Mining Engineer,
Oil and Mineral Division,
Northern Economic
Development Branch.