

Environment
Canada

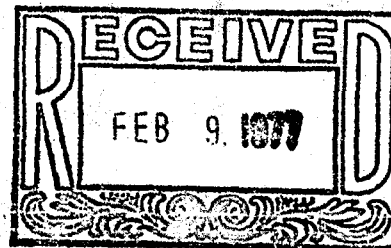
Environnement
Canada

Environmental
Protection

Protection de
l'Environnement

P.O. Box 2310, Yellowknife
N.W.T.

XOE 1HO



February 7, 1977

Your file Votre référence

Our file Notre référence

Mr. D. Emery
Vice-President
Giant Yellowknife Mines Ltd.
Yellowknife, N.W.T.

4221-70/Y24

Dear Mr. Emery:

Re: Giant Yellowknife Mines Ltd. Stack Emissions

August 1975, Mr. Ray Capowski, Environmental Protection Service, Regional Office, Edmonton, conducted a one-week stack survey at Giant Mine. The results of that survey indicated that the stack emissions amounted to close to 170 pounds of arsenic per day. The survey has been well documented and the final report is to be published shortly.

An apparent conflict has arisen between results of Mr. Capowski's survey and results released by Giant Yellowknife Mine of stack testing performed prior to and immediately following Mr. Capowski's survey. Giant's stack testing reported emissions to be in the order of 600 - 650 pounds of arsenic per day. These differences have and still are receiving wide interest through the public media.

We wish to resolve this apparent conflict in the test results and, in doing so, compare the methodology used in determining arsenic emission values. I am aware that Giant Yellowknife Mine routinely reports emission results to the Chief Mining Inspector, Mr. Mel Brown on an annual basis. However, Mr. Brown has no information regarding type of sampling equipment used or methodology.

Would you please arrange to provide our office with documentation which includes a description of equipment used, sampling and analytical methods, and other records documenting the calibration of equipment and accuracy of reported data. In addition, I would ask at this time in anticipation of the forthcoming arsenic emission regulations that your Company begin providing directly to this office a monthly record of your arsenic stack emissions. All information requested is made pursuant to Section 6 of the Clean Air Act.

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Mr. D. Emery

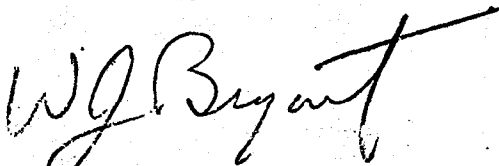
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February 7, 1977

Mr. D. Gemmill of our office is available to discuss the specifics of the information needed and the sampling methods with your staff at your convenience.

Thank you for your assistance.

Yours truly,

A handwritten signature in dark ink, appearing to read "W. J. Bryant". The signature is fluid and cursive, with a long horizontal stroke extending from the end.

W. J. Bryant
District Manager
Environmental Protection Service