



Environment
Canada

Environnement
Canada

Environmental
Protection

Protection de
l'Environnement

P.O. Box 2310
Yellowknife, N.W.T.
X0E 1H0

November 5, 1974

Your file Votre référence

Our file Notre référence

4221-1

Dr. A. O. Uygur, Director
Mackenzie Zone
Northern Region Medical Services
P.O. Box 520
Yellowknife, N.W.T.

Dear Dr. Uygur:

RE: AMBIENT AIR SURVEYS - YELLOWKNIFE AREA

A. Arsenic

As indicated in previous correspondence (July 30, 1974) to your Department, our Service has been involved with preliminary ambient arsenic analysis in the vicinity of Giant Yellowknife Mines Ltd. As you recall, our original sampling method was questionable and further tests were performed this past summer. Preliminary analyses appear to support the particulate sampling method as being accurate.

Now that the preliminary tests have been completed, we plan to embark on a longer term survey to determine arsenic levels in the atmosphere. I will keep you apprised of results.

B. Sulfur Dioxide

For the past year we have been monitoring sulfur dioxide levels at a sampling station on The Bay Store rooftop. Analyses indicate that Giant Yellowknife Mines may be a source of this contaminant. In conjunction with Giant Yellowknife Mines, we may initiate a more specific study in this area also.

/...2

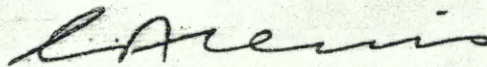
Dr. A.O. Uygur

-2-

Nov. 5, 1974

If any alterations to the above surveys take place, we will contact you at that time. This letter is for your information and comment.

Yours truly,



C. A. Lewis
District Manager

cc: H. Veldhuizen
D. Billing
A. Redshaw
R. Wallace
H. Chambers