

## DEPARTMENT OF NATIONAL HEALTH AND WELFARE

INTRADEPARTMENTAL CORRESPONDENCE

Dr. Kingsley Kay

File No.

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From: C.R. Ross

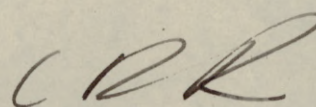
Date: Sept. 24, 1952.

Subject:

Yellowknife Visit - July 8 to 15, 1952.

- (1) Water, grass, soil and food samples were collected in accordance with instructions as set forth by Mr. J.P. Windish. All samples were received for analysis except four vegetable samples which were lost by T.C.A. All samples have been analyzed except water and soil samples which were sent to Industrial Health Laboratory. In the Con area duplicate samples were collected by that company.
- (2) Visits were made to the three producing mines in the area in order to examine equipment for the collection of arsenic fumes and facilities for storage of liquid arsenic wastes. Procedures and apparatus for collection of stack samples were also examined.
- (3) It was learned that the Negus mine was to cease operation on or about September 15, 1952.
- (4) Two new impinger units for the collection of arsenic fume were in process of installation at the Con mine. A blueprint of an impinger unit was to have been sent to this lab from Trail.
- (5) Stack samples at all mines have been taken regularly with equipment and procedures <sup>recommended</sup> by the Precipitation Company of Canada. Fumes entering collection units have not been sampled because it is not possible to obtain representative samples. At the Giant Mine it was said that stack sampling after September 15th was very difficult because of the cold.

CRR/cp

  
C.R. Ross

Industrial Hygiene Engineer.