

DEPARTMENT OF NATIONAL HEALTH AND WELFARE

INTRADEPARTMENTAL CORRESPONDENCE

TO: Mr. J.W. Grainge,
Sanitary Engineer,
Edmonton, Alta.

C O P Y

OUR FILE NO.

REF. YOUR FILE NO.
DATED

FROM:

DATE: September 28, 1951.

SUBJECT:

Re: Yellowknife Trip

With regard to telegrams sent to you yesterday and today and your wire in regard to Fort Smith visit, Mr. Copp discussed the arsenic testing programme at Yellowknife with Dr. Kingsley Kay, Laboratory of Industrial Hygiene, yesterday.

At the moment it is not known definitely how many persons or who will be going to Yellowknife but indications are that only one person will go because of a shortage of travel funds. Consequently Dr. Kay was hopeful that you might be able to assist in the collection of samples, particularly water samples. Tentative date of departure from Ottawa is October 8.

Mr. Copp and I discussed the roater sampling program yesterday and the following sampling points are considered desirable in order of preference.

- 3 samples at town water intake
 - 1 over intake
 - 1 500' offshore
 - 1 1000' offshore
 - (These distances are approximate only)

- 3 samples at water intakes of mines
 - (1 over each of the three intakes)

- 2 samples at Latham Island
 - (1 on each side of island)

- 1 sample at Long Lake (airport temporary water supply intake)

- 1 sample from Sand Lake (near townsite)

1 put for
FE ARTLETT
chemist
DEPT NHOW
WILLIAM HEAD BC

2 copies paper on Arsenic

Our file

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3 samples from Kam Lake
1 near inlet
1 near outlet
1 at North end

(A repetition of this sampling programme is desirable at the time of the spring break-up next year).

Dr. Kay informs me that it is unlikely that his representative can do the analytical work and it will probably be necessary to send the samples to Mr. Artlett at William Head. I am writing to him to determine the minimum size of sample he requires as I understand that the problems of shipping samples becomes more complex after navigation ceases.

In regard to postponing your trip, you are no doubt aware that the Royal Visit has been postponed one week. Hence it will not be possible for you to defer your trip more than a week as it is necessary that you leave time to check special equipment and servicing methods at the coachyards in advance of the Royal visit.

In regard to the delay at Fort Smith, I am doubtful if one week will make a very significant difference in frost action. You may feel that you have enough work for the Division to warrant an earlier departure to Fort Smith and Yellowknife. The point to be kept in mind is that you should give Industrial Hygiene as much co-operative assistance as available time will permit.

(Sgd.) J.R. Menzies

CHIEF, PUBLIC HEALTH
ENGINEERING DIVISION

JRM:BC

c.c. A.H. Perry
F.E. Artlett