DEVELOPMENT SERVICES
BRANCH



RESOURCES AND DEVELOPMENT

Ottawa, Ontario, 28 June, 1950.

OFFICE OF THE DIRECTOR

Dr. K. C. Charron, Chief, Industrial Health Division, Department of National Health & Welfare, Ottawa, Ontario.

Dear Dr. Charron:-

For your information, following are the results of samples of water taken in the Yellowknife area by our Resident Mining Inspector, Mr. Homulos:

- (1) V Crater Lake near the Lynx camp, May 29th.
- (2) Vee Lake at the old Lynx camp, May 29th.
- (3) Kam Lake at Bevan's Farm, May 29th.

Je (4) North end of Pud Lake, May 30th.

- (5) Narrows in central part of Pud Lake, May 30th.
  . . . . 31.0 p.p.m.
- (6) Run-off from the old tailings pile at Crank Lake, May 30th.
  ... 78.0 p.p.m.

From these results it would appear that either Kam Lake is being polluted from the former deposition of arsenic from the Crank Lake area, or the recovery from the smoke stack by the impinger method is not satisfactory.

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Dr. Kay has been advised of these results, and will follow them up with samples and discussions with Mr. Raht when he arrives in Yellowknife.

Yours very truly,

R. A. Gibson, Deputy Commissioner.