



Eastern Arctic Area

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March 21, 2011

Your file Votre référence

NIRB : 11EN006

Our file Notre référence

11-HCAA-CA7-00004

Ms. Amanda Hanson
Nunavut Impact Review Board
29 Mitik P. O. Box 1360
Cambridge Bay, Nunavut
X0A0C0

Dear Ms. Hanson:

Subject: Part 4 Screening for Uranium North Resources Corp.'s Mallery Lake Project

Fisheries and Oceans Canada - Fish Habitat Management Program (DFO) appreciates the opportunity to participate in the Part 4 Screening process for the above mentioned project proposal as requested in your February 28, 2011 letter. To expedite future correspondence or inquiries, please refer to the referral title and file number below when you contact us.

DFO File No.: **11-HCAA-CA7-00004**

Title: **Mineral Exploration, Mallery Lake Project, Uranium North Resources Corp, Kivalliq Region**

The proposal has been reviewed to determine whether it is likely to result in impacts to fish and fish habitat which are prohibited by the habitat protection provisions of the *Fisheries Act* or those prohibitions of the *Species at Risk Act* that apply to aquatic species.*

Our review consisted of:

- Notice of Part 4 Screening for Uranium North Resources Corp.'s Mallery Lake Project Proposal.

We understand that the proposed project activities would include:

- Prospecting, geological mapping, sampling, aerial and ground geophysical surveys;
- Exploration drilling (reverse circulation and diamond drilling);
- Helicopter-assisted drill program, including daily transportation of field crew to drill sites and demobilization;
- Temporary tent camp facilities for a maximum of twenty (20) people near Mallery Lake;
- Twin/single otter transport of supplies, fuel and personnel to camp site from Baker Lake;

*Those sections most relevant to the review of development proposals include 20, 22, 32 and 35 of the *Fisheries Act* and sections 32, 33 and 58 of the *Species at Risk Act*. For more information please visit www.dfo-mpo.gc.ca.

- Fuel storage at camp site (25,830 litres diesel and 30,750 litres aviation fuel);
- Temporary storage of chemicals and hazardous materials on site;
- Water use for drilling purposes and camp activities;
- Disposal of sewage, greywater and waste generated from camp operations;
- Incineration of combustible waste; and
- Removal of non-combustible and hazardous waste to an approved disposal facility.

DFO has produced an Operational Statement titled “Mineral Exploration Activities” which can be found at the following website:

<http://www.dfo-mpo.gc.ca/regions/central/habitat/os-eo/provinces-territoires-territoires/nu/os-eo24-eng.htm>

This operational statement covers activities associated with mineral exploration on land including:

- Site reconnaissance,
- Temporary work camp operations,
- Small diameter/low density drilling,
- High density drilling and/or bulk sampling through large diameter drilling, pitting, trenching and surface stripping, and
- Small diameter/low density drilling carried out on ice.

If the proponent can meet the conditions outlined in the Operational Statement, then DFO has no concerns regarding this project as it is unlikely to cause significant adverse effects to fish and fish habitat. If the proponent cannot meet the conditions in the Mineral Exploration Activities Operational Statement, they should submit an application to DFO for review.

I trust the information provided will be of assistance in the Nunavut Impact Review Board’s review of Uranium North Resources Corp.’s “Mallery Lake Project”. If you or the proponent have any questions concerning the above, or if my understanding of the proposal is either incorrect, incomplete, or if there are changes to the proposed work, contact the undersigned at (807) 468-6441 ext. 29, by fax at (807) 468-6973, or by email at lyndon.kivi@dfo-mpo.gc.ca.

Yours sincerely,



Lyndon Kivi
Fish Habitat Biologist

Copy: Derrick Moggy, DFO Iqaluit
Graham Gill, Uranium North Resources Corp.