



Aboriginal Affairs and Northern Development Canada
Nunavut Regional Office
Operations Directorate
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May 30, 2012

Ms. Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
GJOA HAVEN, NU X0E 1J0

Our reference:
IQALUIT-#532325

Your reference:
1BR-HLR----

Sent via email

Re: Water Licence No. 1BR-HLR---- Aboriginal Affairs and Northern Development Canada, Contaminated Sites – Hope Lake Remediation Project – New Application – Kitikmeot Region

Thank you for your April 30, 2012 request for written representations on the above-referenced water licence application.

A Technical Review Memorandum is provided for the Board's consideration. Comments/ recommendations have been provided pursuant to the Department's mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

Please do not hesitate to contact me by telephone at 867 975-4555 or email at David.Abernethy@aandc-aadnc.gc.ca to discuss this submission.

Regards,

David W. Abernethy
Regional Coordinator
Water Resources Division

Encl.

c.c.: Murray Ball, Manager of Water Resources (AANDC-NU)

TECHNICAL REVIEW MEMORANDUM

TO	Phyllis Beaulieu Manager of Licensing Nunavut Water Board	OUR REFERENCE File #9545-2-1.1BR.HLRA IQALUIT-#532325
FROM	David Abernethy Water Resources Regional Coordinator Aboriginal Affairs and Northern Development Canada	YOUR REFERENCE 1BR-HLR---- DATE May 30, 2012
SUBJECT	Water Licence No. 1BR-HLR---- Aboriginal Affairs and Northern Development Canada, Contaminated Sites – Hope Lake Remediation Project – New Application – Kitikmeot Region	

A. PROJECT DESCRIPTION

On April 30, 2012 the Nunavut Water Board (NWB or Board) distributed the above-referenced water licence application to interested parties for review. Aboriginal Affairs and Northern Development Canada (AANDC) Contaminated Sites require this authorization to carry-out their 2012 Field Program which will support larger-scale remediation activities scheduled to start in 2013. The Hope Lake Remediation Project comprises of 3 abandoned mineral exploration projects. These consist of the larger Hope Lake site that is located 75 km southwest of Kugluktuk, the Husky Creek site that is located 20 km northeast of Hope Lake, and the Willow Creek site that is located 22 km southeast of Hope Lake. It should be noted that the Willow Creek site has a main camp and 2 peripheral sites, the Willow Creek's South Cabins, and the Willow Creek Southwest Cabin. The sites will be accessed by daily flights from Kugluktuk where up to 10 people will work out of each site. Project personnel will return to Kugluktuk each evening. As stated in the submitted project summary, the planned work includes:

- Drum sampling and consolidation;
- Debris collection and incineration of untreated/unpainted wood;
- Excavation and containerization of contaminated soil at Husky Creek and Willow Creek; and,
- Transportation of consolidated materials from Husky Creek and Willow Creek to the Hope Lake site via helicopter.

The submitted application includes an Environmental Screening Report, a Spill Contingency Plan, and a Remedial Action Plan.

Aboriginal Affairs and Northern Development Canada Contaminated Sites have not requested any use of water during their 2012 Field Program. Sewage will be directed to sumps or latrines and solid waste will be backhauled to Kugluktuk for disposal.

Aboriginal Affairs and Northern Development Canada Contaminated Sites have requested a 2 month licence to support their 4-week field program. A separate application will be submitted for the work scheduled to occur in 2013 and 2014.

B. RESULTS OF REVIEW

On behalf of the AANDC Water Resources Division, the following comments/recommendations are submitted for the Board's consideration,

1. General

The AANDC Water Resources Division have no issues with the submitted water licence application. Standard condition applicable to the proposed activities should be applied.

2. Disposal of Waste in Kugluktuk

AANDC Contaminated Sites should provide written confirmation from the Hamlet of Kugluktuk that they will accept any waste material generated by their 2012 Field Program.

Prepared by David Abernethy