



Indian and Northern  
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Your file - Votre référence  
1BR-SAR

Our file - Notre référence  
9545-1 / #85976

29 May 2006

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*Via Email*

**Re: 1BR-SAR0406 - Indian and Northern Affairs Canada - Sarcpa Lake Project - 2005 Annual Report**

On behalf of Indian and Northern Affairs Canada (INAC) I have reviewed the above-mentioned application. The following specialist advice has been provided pursuant to INAC's mandated responsibilities for the enforcement of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NW&NSRT), *Arctic Waters Pollution Prevention Act* (AWPPA), and the *Department of Indian Affairs and Northern Development Act* (DIAND Act).

#### Background Information

Indian and Northern Affairs Canada has submitted an Annual Report of water use and disposal of wastes associated with its Sarcpa Lake Project for 2005. It is responsible for the reclamation of the former CAM-F DEW-Line Site (referred to as Sarcpa Lake) situated on the Melville Peninsula. This site is located between Foxe Basin and Committee Bay, having a coordinate of 68°33'N, 83°19'W. Various stages of cleanup activities have been on going since 1985. Upcoming project activities include the excavation and remediation of contaminated soil, dump-area remediation, collection and disposal of hazardous and nonhazardous debris, and demolition and disposal of site facilities. The aim of the Sarcpa Lake Project is to mitigate and/or control the release of contaminants from this abandoned DEW Line site by 2007.

Minimal reclamation work was performed in 2005. Water samples were collected from Sarcpa Lake on July 8th, 2005 for quality analysis purposes. Less than 1 m<sup>3</sup> of fresh water was consumed in this exercise.

#### INAC Comments

INAC Water Resources recommends that the following comments be taken into consideration when reviewing the Sarcpa Lake Project's 2005 Annual Report.

#### **SPILL CONTINGENCY / HAZARDOUS MATERIALS**

- All fuel caches shall be located above the high water mark of any water body. Furthermore, INAC recommends that secondary containment facilities used to store liquid fuel products be capable of accommodating at least 110% of the total fuel volume. INAC Water Resource Division recommends these fuel storage measures as a means of preventing the contamination of local water sources from fuel spills.

- The proponent shall ensure that any hazardous materials, including waste oil, receive proper treatment and disposal at an approved treatment facility.
- INAC recommends that the project's Spill Contingency Plan include relevant Material Safety Data Sheets for hazardous materials that will be used as in project activities (e.g., diesel fuel, gasoline, acetylene, and lubricants).
- In addition to providing the 24-hour Spill Response Contact number, it would be beneficial for the Spill Contingency Plan to include a copy of the spill report form that is completed when reporting hazardous material spills. A copy of this form is posted on the <http://ftp.nunavut.ca/nwb> site. Visit the *standardized form* link by selecting *NWB administration* followed by the *NWB general information* link.

If there are any changes in the proposed project, it is requested that INAC Water Resources Division be notified, as further review may be necessary. Please do not hesitate to contact me if you have any questions or comments with regards to the foregoing by telephone (867) 975-4555 or by email via [abernethyd@inac-ainc.gc.ca](mailto:abernethyd@inac-ainc.gc.ca).

Sincerely,

***Original signed by***

David W. Abernethy

Water Resources Coordinator

cc. Jim Rogers - Manager of Water Resources, Indian and Northern Affairs Canada, Iqaluit