



Water Resources Division
Nunavut Regional Office
Iqaluit, NU
X0A 0H0

NWB File: 1BR-SHE0510
CIDMS #: 419088

July 23, 2010

**Re: 1BR-SHE0510 – Type ‘B’ Water License Renewal – Shepherd Bay –
CAM 3 Dew Line Site – AECOM.**

Please be advised that Indian and Northern Affairs Canada (INAC) have completed a review of 1BR-SHE0510 Type ‘B’ Water License Renewal for Shepherd Bay – CAM 3 Dew Line Site on July 23, 2010. The water license renewal has been submitted by AECOM on behalf of Defence Construction Canada and the Department of National Defence. The NWB circulated the required documents for comments, on June 25, 2010. All associated documents related to this license posted on the NWB ftp site under 1BR-SHE0510 were included in my review (See attached Technical Review Memo).

Should you have any questions or comments, please do not hesitate to contact me at (867) 979-4282 or by email at Ian.Parsons@inac.gc.ca.

Sincerely,

Original signed by

Ian Parsons
Water Resources Technician

Cc. Lou-Ann Cornacchio, Manager of Water Resources – Indian and Northern
Affairs Canada, Nunavut Regional Office



Technical Review Memorandum

To: Phyllis Beaulieu – Manager of Licensing, Nunavut Water Board

From: Ian Parsons – Water Resources Technician, Indian & Northern Affairs Canada.

**Re: 1BR-SHE0510 – Type ‘B’ Water License Renewal – Shepherd Bay –
CAM 3 Dew Line Site – AECOM.**

Background

The Shepherd Bay Cam 3 Dew Line Site is located on the southwest coast of the Boothia Peninsula 60 kilometres southeast of Taloyoak, Nunavut. The Shepherd Bay Dew Line Site was downsized in 1989 to a Long Range Radar Site (LRR). The environmental clean-up and demolition of facilities no longer needed at the site was completed in 2007. As well, the construction portion of remediation of the landfill facilities at the site was also completed in 2007.

Comments/Recommendations

The proponent should provide the details and results of the monitoring program for 2009. Only results from the 2008 monitoring program have been submitted.

Annual reports for the years of 2008 and 2009 have not been submitted and are outstanding.

The proponent should identify the duration (in terms of years) for which they require a water license. This was not addressed in the Renewal Application.

INAC recommends that any gasoline and/or fuel stored on site should be stored in a secondary containment unit.

INAC notes that in Section 2.4 of the Spill Plan the proponent indicated that there was an attached drawing. This drawing was not received with the Spill Plan.

The spill plan should include a listing of the contents of the spill kits.

The spill plan should be modified to reflect the correct contact information for INAC, which is: Peter Kusugak – INAC Manager of Field Operations, phone: 867-975-4295, fax 867 975-6445.



INAC notes that this project, as stated poses little environmental risk. The proponent is only on site for a few days a year with little or no water use. The blackwater and greywater created are emptied into pits and buried at the end of each season, with solid wastes generated removed from site. Along with the long term nature of the monitoring plan INAC would not be opposed to giving the proponent a 20-25 year water license (25 year max. as per Nunavut Waters and Nunavut Surface Rights Tribunal Act).

This information has been forwarded to our Field Operations Unit for their consideration.

Cc. Lou-Ann Cornacchio, Manager of Water Resources – Indian and Northern Affairs Canada, Nunavut Regional Office

Peter Kusugak, District Manager – Indian and Northern Affairs Canada, Nunavut Regional Office



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