



Water Resources  
Nunavut Regional Office  
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July 8, 2015

Phyllis Beaulieu  
Licensing Administrator  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU, X0A 1J0

Your file - Votre référence  
3BC-LPL1111  
Our file - Notre référence  
CIDM# 924435

**Re: 3BC-LPL1111 - Limnology and Paleoecology of Lakes and Ponds – Dr. Smol, Queen’s University – Cancellation Application**

Aboriginal Affairs and Northern Development Canada (AANDC) has performed a review of the application to cancel 3BC-LPL1111 (Limnology and Paleoecology of Lakes and Ponds), submitted to the Nunavut Water Board (NWB) by Dr. John Smol at Queen’s University.

The following advice has been provided pursuant to AANDC’s mandated responsibilities for the enforcement of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act (NWNSRTA)* and the *Department of Indian Affairs and Northern Development Act*. In conducting our review, AANDC referred to the documents on the NWB’s FTP-site under 3BC-LPL1111.

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4738 or by E-mail at [Jean.Allen@aandc-aadnc.gc.ca](mailto:Jean.Allen@aandc-aadnc.gc.ca)

Sincerely,

Jean Allen  
Water Management Specialist

cc. Andrew Keim, A/Manager of Water Resources, AANDC  
Erik Allain, Manager of Field Operations, AANDC

## **Technical Review Memorandum**

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

From: Jean Allen – Water Management Specialist, AANDC

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**Re: 3BC-LPL1111 - Limnology and Paleoecology of Lakes and Ponds – Dr. Smol, Queen's University – Cancellation Application**

### **A. Project Description**

On July 18, 2011, the Nunavut Water Board (Board) issued Dr. Smol of Queen's University Type B Water Licence 3BC-LPL1111 for his research in water quality and environmental change at Cape Herschel, Ellesmere Island, NU. The licence allowed a temporary camp at Cape Herschel for 2 weeks in July 2011 for 6-7 team members to collect water samples from 30-40 nearby lakes. On June 8, 2015, the NWB distributed Dr. Smol's application to cancel 3BC-LPL1111.

Drinking water was withdrawn from nearby ponds and snowdrifts (78°37'0.143"N 74°40'37.02"W). Greywater was disposed at least 31 m away from the ordinary high water mark; latrine waste was bagged and burned; and solid waste was back-hauled to the Polar Continental Shelf Project base camp in Resolute Bay for disposal.

### **B. Results of Review**

AANDC Water Resources Division reviewed Dr. Smol's application to cancel 3BC-LPL1111 and offers the following comment for the Board's consideration:

1. The water licence allows the deposit of waste (Part D) and requires GPS coordinates of locations where wastes are deposited (Part J, Item 3). AANDC notes that the GPS coordinates of these locations were not provided in the 2011 Annual Report as required.

Water Resources have no major issues with Dr. Smol's application to cancel water licence 3BC-LPL1111.

### **C. Final Inspection**

In the NWB letter of June 8, 2015, it was requested that AANDC advise the NWB when a final inspection is complete. After review of the cancellation licence and other relevant documentation, the Field Operations Division have determined that the activities related to water use and waste disposal have ceased and that a

final inspection of this site for verifying compliance is not required by Field Operations. Given the information provided, the Field Operations Division recommends that this licence be canceled by the NWB. As per the Act, no further use of water is granted unless a new water licence is issued.

#### **D. Conclusion**

Based on the recommendation of the Field Operations Division and given that there is a low risk to freshwater, the Water Resources Division recommends that this licence be canceled.

Prepared by Jean Allen, Water Management Specialist, AANDC