



April 24, 2013

Phyllis Beaulieu  
Licencing Administrator  
Nunavut Water Board  
Gjoa Haven, NU, X0E 1J0

Our reference  
CIDM# 659729

Your reference  
3BC-PVE----

**Re: 3BC-PVE---- – Paleozoic Vertebrates and Arthropods of Ellesmere Island –  
Neil Shubin, University of Chicago – Qikiqtani Region – New Application**

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Dear Ms. Beaulieu,

Thank you for your email on April 16, 2013, concerning the above mentioned water licence application.

A memorandum is provided for the Board's consideration. Comments 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 867-975-4566 or email at [Bradley.Summerfield@aandc-aadnc.gc.ca](mailto:Bradley.Summerfield@aandc-aadnc.gc.ca) for further comments or any questions.

Sincerely,

Bradley Summerfield  
Water Resource Technician  
Aboriginal Affairs and Northern Development Canada  
P.O. Box 100  
Iqaluit, NU, X0A 0H0

c.c.: Ian Parsons, Water Resources Regional Coordinator, AANDC  
David Abernethy, Water Resources Regional Coordinator, AANDC  
Erik Allain, Manager of Field Operations, AANDC



## Memorandum

<b>TO</b>	Phyllis Beaulieu Manager of Licencing Nunavut Water Board	<b>OUR REFERENCE</b> CIDM# 659729
<b>FROM</b>	Bradley Summerfield Water Resources Technician Aboriginal Affairs and Northern Development Canada	<b>YOUR REFERENCE</b> 3BC-PVE----
		<b>DATE</b> April 24, 2013
<b>SUBJECT</b>	<b>3BC-PVE---- – Paleozoic Vertebrates and Arthropods of Ellesmere Island – Neil Shubin, University of Chicago – Qikiqtani Region – New Application</b>	

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### A. BACKGROUND INFORMATION

On April 16, 2013 the Nunavut Water Board provided notification to Aboriginal Affairs and Northern Development Canada (AANDC) that Neil Shubin, University of Chicago had submitted an application for a Type B water licence, No. 3BC-PVE----. The submitted information is as follows:

1. Water Licence application form, dated February 26, 2013.
2. Exploration/Remote Camp Supplementary Questionnaire, dated February 26, 2013.
3. Fuel Spill Contingency Plan, dated February 18, 2013.
4. Community Correspondence to Resolute Bay Hamlet and Resolute Bay Hunters and Trappers Association, dated February 26, 2013.
5. Three scientific papers showing past research, dated April 2006 – October 2008.

The licence application is requested for a period of one year but the applicant only intends on being on site for a period of 18 days in June and July of this year. The water will be used exclusively for camp purposes while the team of researchers carries out a surface exploration of the area on foot looking for fossils.

Interested parties were requested to review the information and provide comments by May 16, 2013.



## **B. RESULTS OF REVIEW**

On behalf of AANDC, the following comments/ recommendations are submitted to the Nunavut Water Board for consideration:

### **1. Water Licence Application Form**

#### Section 7 – Nunavut Planning Commission (NPC) Determination

- Written confirmation has not been provided from the NPC indicating that a land use plan conformity review is not required.

#### Section 13 – Types of Waste Generated

- AANDC notes that “Solid Waste” should be indicated along with Sewage and Greywater as a type of waste that will be produced.

#### Section 14 – Quantity and Quality of Waste Involved

- The applicant indicates that Organic and Solid Waste will be burned before they are removed from the site. AANDC does not encourage the open burning of waste and recommends that all waste be hauled out to an approved soil waste management facility.

### **2. Exploration/Remote Camp Supplementary Questionnaire**

#### Section 25 – Description of the Types, Quantities, and Methods of Storage of Fuels and Chemicals on Site

- Although left blank, AANDC notes that this information can be found in the Fuel Spill Contingency Plan.

#### Section 30 – Drinking Water Treatment Plan

- The applicant has indicated that drinking water will not be treated. AANDC recommends the treatment of all water intended for personal use or consumption due to variable environmental factors.

### **3. Fuel Spill Contingency Plan**



- AANDC notes that the Manager of Field Operations is no longer Peter Kusugak. The phone and fax number provided for Manager of Field Operations remains the same.
- AANDC recommends the inclusion of a Material Safety Data Sheet for propane to be included in the plan kept on site.

Prepared by Bradley Summerfield