



To: B1 Panel – Type B Applications

Date: June 27, 2013

Date Applied: February 27, 2013

Type of Application: New – Neil Shubin, of the University of Chicago, is applying for a Type B water licence in support of a research project on Ellesmere Island. The project involves walking on the rocks of North Ellesmere Island looking at the surface for small fossils.

The proposed project activities include set up of two temporary camps. One camp in the vicinity of Bird Fiord will have 8 people and be used for one week. The Other Camp will have 4 people and in the vicinity Judge Daly Promontory and will be used for two weeks. The project is proposed to occur in July with all waste being removed from site.

NPC Conformity: Conforms to the North Baffin Regional Land Use Plan (NBRLUP),

Notices Posted: Qikiqtani Region

Permits Held: N/A

Area of Operation: located at two sites approximately 125 km and 625km north of Grise Fjord within the Qikiqtani Region, Nunavut.

Water Management Area: Nunavut 04

Conditions for Licence Issuance to consider the following:

Scope:

Allow for the use of water and waste disposal during camp activities and research.

General Conditions:

Requires submission of an annual report.

Conditions for Water use:

Domestic water use shall not exceed ten (10) cubic meters per annum and shall come from a nearby stream. Total water use shall not exceed ten (10) cubic meters per annum.

Conditions for Waste Disposal:

Greywater will be deposited on the land through a sump. Waste and black water will be backhauled off-site for disposal.

Conditions for Camps, Access Infrastructures and Operations:

Camp use is authorized.

Conditions Applying to Drilling Operations:

No drilling activities permitted.

Conditions Applying to Modifications:

Requirement to notify the Board sixty (60) days prior to the beginning of any modifications to the Water Supply and/or Waste Disposal Facilities. If the changes proposed are consistent with the terms of the Licence and Act and the Board does not otherwise notify the Licence proposed modification may take place. Modifications will require as-built drawings produced and stamped by an Engineer.

Conditions Applying to Spill Contingency Planning:

The Spill Contingency Plan named “Spill Contingency Plan: Prepared for Neil Shubin and field crew” has been approved with the issuance of the Licence.

Conditions Applying to Abandonment and Restoration:

Required to complete all restoration work prior to the expiry of this Licence, carry out progressive reclamation of any components no longer required for the operations, backfill and restore all sumps to the pre-existing natural contours of the land, remove from the site, all infrastructure and site materials.

Conditions Applying to Monitoring:

The Licensee shall record all sources and quantities of water used for all purposes.

The Licensee shall record all locations where any type of waste is disposed of.

Requirement for all the data above in the monitoring section be included in the submitted annual reports.

Summary of Received Comments:

AANDC:

- AANDC recommends the treatment of all water intended for personal use or consumption due to variable environmental factors.
- Recommends that Material Safety Data Sheet for Propane be included in the plan kept on site.

EC:

- Standard comments and concerns not directly related to the NWB mandate.

Technical Summary of the File:

The application for a new Licence 3BC-PVE1313 is complete and technically functional.

The Licensee is advised of its obligations to comply with all of the terms and conditions of the Licence, as well as all applicable regulations.

The Licence shall include consideration of any other minor issues identified by staff in final drafting and edit review.

Request: Motion for the Board to approve the application for a new Type “B” Licence No. 3BC-PVE1313, with approval of the SCP given the summary as presented.

