



Friday, 16 August 2013

Mr. Nicholas Kavanagh
Land Administrator Specialist
Land Administration, AANDC
PO Box 100
Iqaluit, NU X0A 0H0

DEPARTMENT OF GEOGRAPHY
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RE: Renewal of Land Use Permit N2011N0019

Dear Mr. Kavanagh,

The above Crown Land Use permit expires September 8, 2013. The permit was obtained to carry out a scientific research program near Cape Bounty, Melville Island beginning in 2003 and has been renewed several times. I anticipate continuing this research during the summer months (late May-mid August) for the next several years. The work will be of a similar nature to my original application, involving a seasonal field camp with a limited number of people (approximately 550 person-days or less). The campsite is located 100 m from the nearest water course and we have implemented all requested measures to meet land use guidelines that I detail below. I have attached a map of the site for your records and a photograph of the campsite indicating the substrate that we have selected.

During the summer we work primarily on foot and use skidoos in the late winter, and inflatable boats on the nearby lakes when necessary. Although all terrain vehicles were used in 2003-4, we now only do so in a limited way to avoid impacting the surrounding land. The only use is to move equipment between camp and the East Lake, 2 km away. In order minimize the possibility of tire tracks, we follow a route located on gravel and firm soil. ATV use is limited usually to a few days in late July when we actively work on the lakes.

The camp is composed of two tents that we leave set up all year, and a variety of smaller tents for sleeping and storage that we erect only for the field season. Diesel fuel is used to heat the large tent and we have a rigid spill pallet to store the full drums on. Additionally, we retain on empty drum for emergency use (pictured on the ground in the photograph) as per your requirements. Additionally spill equipment and supplies are kept in proximity of the fuel. Currently, we have 4 X 205 L of diesel stored at the camp. We also store a small amount of gasoline in 20 l containers on a flexible spill pallet, along with small amounts of motor oil. We use propane for cooking, small space heaters and the incinerating toilet. Currently, we have 8 X 100 lb and 10 X 40 lb of propane stored at the camp.

In response to a recommendation from your office, we installed an incinerating toilet at the camp in 2012 and have used it for two seasons with zero release of effluent. The incineration is fueled by propane .

The camp is served solely by fixed wing aircraft support using an air strip established near the camp or for ski-equipped Twin Otter on the lake ice. We have filled several large frost cracks

with gravel to maintain safe landing conditions, but the strip otherwise composed of firm gravel and alluvium overlain with some vegetation. No rocks or other permanent changes to the land at the strip were moved. PCSP has stored aviation fuel at the strip and promptly remove empty barrels. As of camp closure, PCSP had one barrel of Jet B fuel at the strip.

I am requesting an extension of my existing permit to continue this research activity and campsite. I have maintained communications with the nearest community (Resolute) and the Hamlet and Hunter Trapper Organization have not indicated any concerns with the proposed work. I hold valid a Territorial research licence through the Nunavut Research Institute and did not receive any negative feedback or concerns from the community. I also hold a valid Nunavut Water Board licence and report our water use and sampling to NRB annually.

If you have any questions or require further information, please do not hesitate to contact me at scott.lamoureux@queensu.ca.

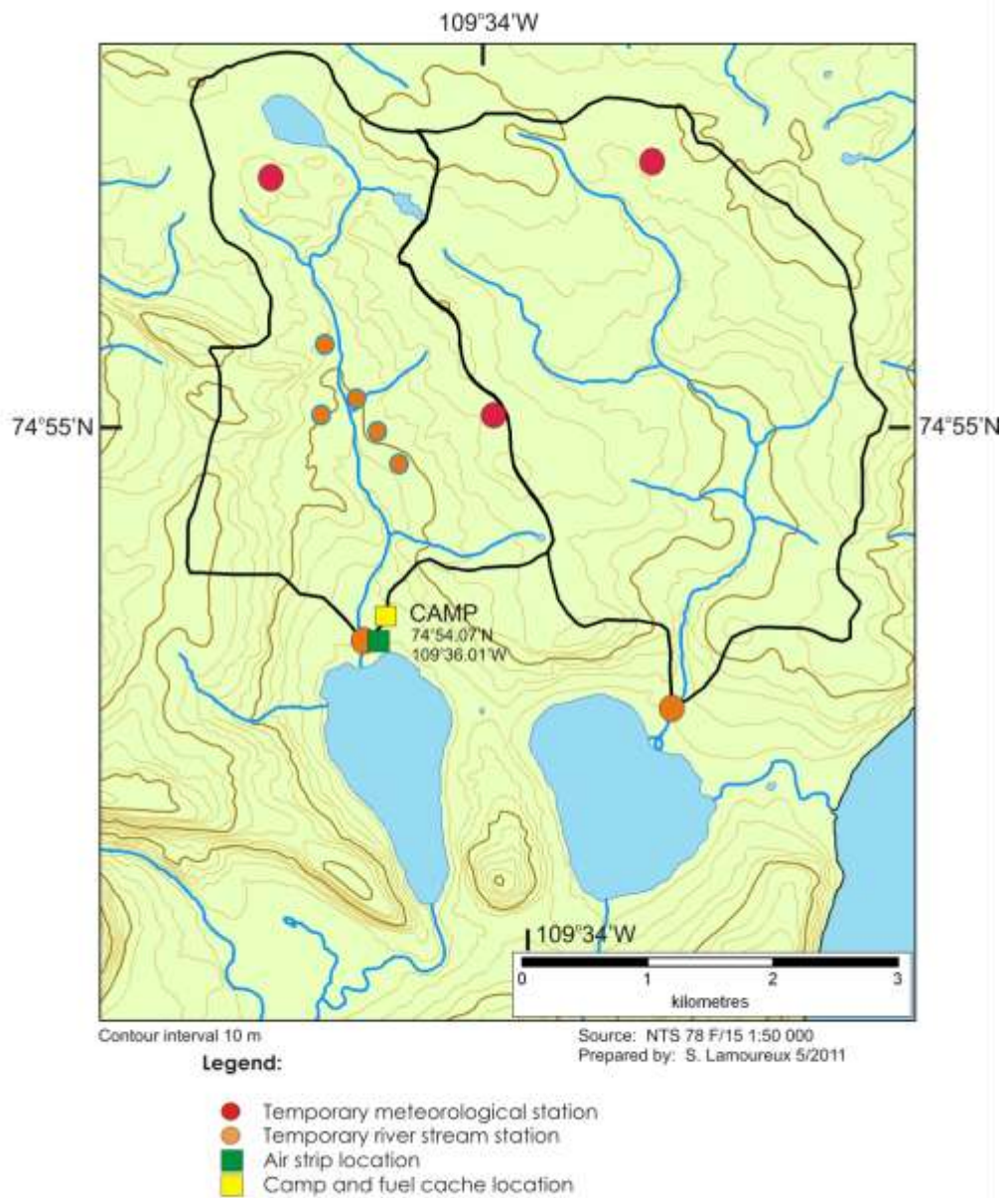
Sincerely yours,

A handwritten signature in black ink, appearing to read 'Scott Lamoureux', written in a cursive style.

Scott Lamoureux
Professor

Camp location, 2012-13





Camp location and area of activity

Satellite image of airstrip



Source: GEOEYE image,
August 22, 2009
Mapping: S. Lamoureux
May 3, 2011