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August 21, 2014

**Subject: 8WLC-TCP1415 – Thelon - Chantrey Project - Report for approved Use of  
Water or Deposit of Waste without a licence**

Dear Mr. Kabloona:

Below is our report containing a summary description and supporting photographs of the restoration of the site.

For this Geoscience Research Project, up to seventeen people used a field camp (photos 1, 2) located at:

Latitude: N65°50.966

Longitude: W105°19.400

from June 23 – July 16, 2014.

A team of 7 geologists performed helicopter-assisted ground traverses and collected small rock samples. Two people used a helicopter to take stream sediment samples, and two others collected geophysical data. No drilling or other industrial-type work was undertaken.



Photo 1: Location of camp & fuel storage in berm ~80 m from high water line



Photo 2: Overview of camp & sleeping tents adjacent to twin otter landing strip

Water was used exclusively for cooking and personal cleanliness, but it is worth noting that nearly half the people swam in the Ellice River every day or two. A 45 gallon plastic tank was used as a clean water reservoir. The camp bulk daily water consumption ranged between 50 and 70 gallons.

All waste was sorted into 3 categories:

- compostable (e.g. greens , vegetable peels)
- burnable (e.g. paper, cardboard, waxed paper/plastic containers, wood)
- unburnable (e.g. metal, glass)

All unburnable (metal, glass, refractory after incineration) waste was packed in 5 gallons pails and sent back to Yellowknife for final disposal at the town facility.

Compostable residues were buried in water-undersaturated peat, >80 m from high water line.

All camp gear and garbage have been removed from the site (photo 3). Any remaining evidence of the camp site use will be erased after a few days of rain. The only exception is a fuel cache consisting of 35 drums of jet A fuel stored in a berm (with rain drain) and covered with tarps (photo 4). No fuel caches were left at any other locations.



Photo 3: Camp site after demobilization.



Photo 4: Fuel cache

Please do not hesitate to contact me if you would like any further information.

Thank you very much.

Sincerely yours,

Rob Berman