

12 April 2018

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Dr Martin D. Brazeau BSc, PhD Senior Lecturer Ecology & Evolution

To The NWB Manager of Licensing:

I hereby submit my application for the use of water and deposit of waste without licence for field activities in Nunavut from 3 July to 10 August of 2018.

The work undertaken will be palaeontological field work (collection of fish fossils), which will involve hiking over rocky areas and sampling bedrock for scientific research. This will involve a team of five people living in a basic remote camp set-up. The team will be taken to the site though the use of either helicopter or Twin Otter aircraft. The work is intended to take place on the eastern side of Cornwallis Island. Two locations of study have been chosen. We will initially be camped at a location along an unnamed river flowing into the southwest side of Read Bay. After two weeks, we expect to move camp (by air lift: either helicopter or Twin Otter) to a location along the left bank of Snowblind Creek. Activities in camp will involve cooking and cleaning up after food preparation, and sleeping in tents. A central base camp shelter tent will be set up for cooking, eating, and cleaning up. No permanent structures will be installed, and the camp will be completely taken down and all traces removed at the conclusion of work.

Water will be exclusively used for drinking, cooking, washing up in camp, and personal hygiene. Water will be collected using bottles or bladder bags from the nearest running water source each day. Near Read Bay this is an unnamed river flowing into the bay. At Snowblind Creek this will be the creek itself.

No heavy equipment will be used. We will have camp stoves fueled by propane and naphthalene (white gas) and will have a spill kit ready in case of any minor fuel spills. Human waste will be disposed of by digging pit toilets away from water sources and will be buried after use. Grey water and waste water will be disposed of using buckets by dispersing it away from water sources (i.e. onto rocks, unvegetated areas).

Please do not hesitate to contact me if you have any queries about my application.

Imperial College London

Yours sincerely,

Martin Brazeau

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