

Annual report for NWB License 3BC-UWA1212

Introduction

Following “General Conditions of NWB License 3BC-UWA1212” we hereby submit below a summary of water use and waste disposal activities. (Part B, 1a). Please also note the following:

Part B, 1b. There were no unauthorized discharges.

Part B, 1c. There were no revisions to the Spill Contingency Plan.

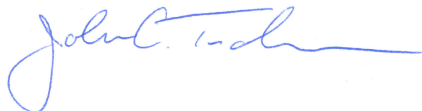
Part B, 1d. No reclamation activities were needed because of our minimal impact, but site pictures are included in the summary.

Part B, 1e, f, g. n/a

Summary

In 2012 (June 28 to July 25), the Paleomagnetic Group of the University of Rochester operated a scientific expedition on Axel Heiberg. Two sites were occupied: at Expedition Fiord (Latitude: 79° 23' 50" N, Longitude 92 °10' 54" W) and at Bunde Fiord, (Latitude: 80° 32' 0" N; Longitude: 94° 48' 0" W). Our third site (Hansen Point on Ellesmere Island) was not occupied due to weather which prohibited travel. We operated out of small mountaineering-style camps. Water was collected from local streams for drinking and cooking. We used less than 1 cubic meter of water per day. Trash was flown out of the site by the Polar Continental Shelf Project (both during our stay, and during our final pull out to Resolute Bay). Sewage and greywater were disposed of using “leave no trace” camping practices. We occupied the Expedition and Bunde Fiord sites for less than 100-person days each. Attached are pictures of the two camp sites. We believe we had minimal impact and the areas remain pristine (see attached pictures).

Sincerely,



John Tarduno

Professor of Geophysics