

Report for License No. 3BC-CSA1112

Genevieve LeMoine, The Peary-MacMillan Arctic Museum, Bowdoin College

Summary of water use and waste disposal.

On July 24, 2001 a 4-person camp (Figure 1) was established on the north side of the Sheridan River at N82°28'12.9" W61°32'49.8" (WGS84). Water for all camp activities (cooking, drinking, dishwashing), was obtained from the river, using 5-gallon plastic containers. Water use amounted to ca. 8 gallons/day. Water was removed from the main channel of the river at N82°28'11" W61°32'58.1" .

A pit latrine (aprox. 50x50x50 cm, the depth being limited by the coarse gravel substrate) was excavated at N82°28'14.5" W61°32'43.5" . The latrine was moved twice, about 3m to the west each time, during the two-week occupation of the camp, resulting in three small excavations. A small sump (30x30x40cm) was dug by the kitchen tent (see primary GPS location). All pits were a minimum of 50m from the ordinary high water mark of the river.

Solid kitchen waste was burned, and/or returned to PCSP, Resolute Bay for disposal. No hazardous waste was generated. All pits were backfilled with the material excavated from them after use and prior to leaving the camp on August 7, 2011.



Figure 1. Campsite showing relative location kitchen (sump in front), and latrine (small tent between kitchen and sleeping tents)

Unauthorized discharges and spills

During the two weeks the camp was occupied there were no unauthorized discharges, and no fuel spills, thus no remedial actions were necessary. Liquid fuel (one 4l container) and propane (two 20lb bottles) were stored on absorbent mats and all unused fuel was returned to PCSP.

Erosion/Sedimentation

No activities on the part of the expedition resulted in erosion of the river banks or entry of sediment into the river.

Reclamation

The small, short-term camp resulted in no activities requiring reclamation work. All camping materials were removed when the campsite was abandoned. As can be seen in Figure 2, the campsite was disturbed prior to (and again during) our occupation by tracked vehicles from CFS Alert.

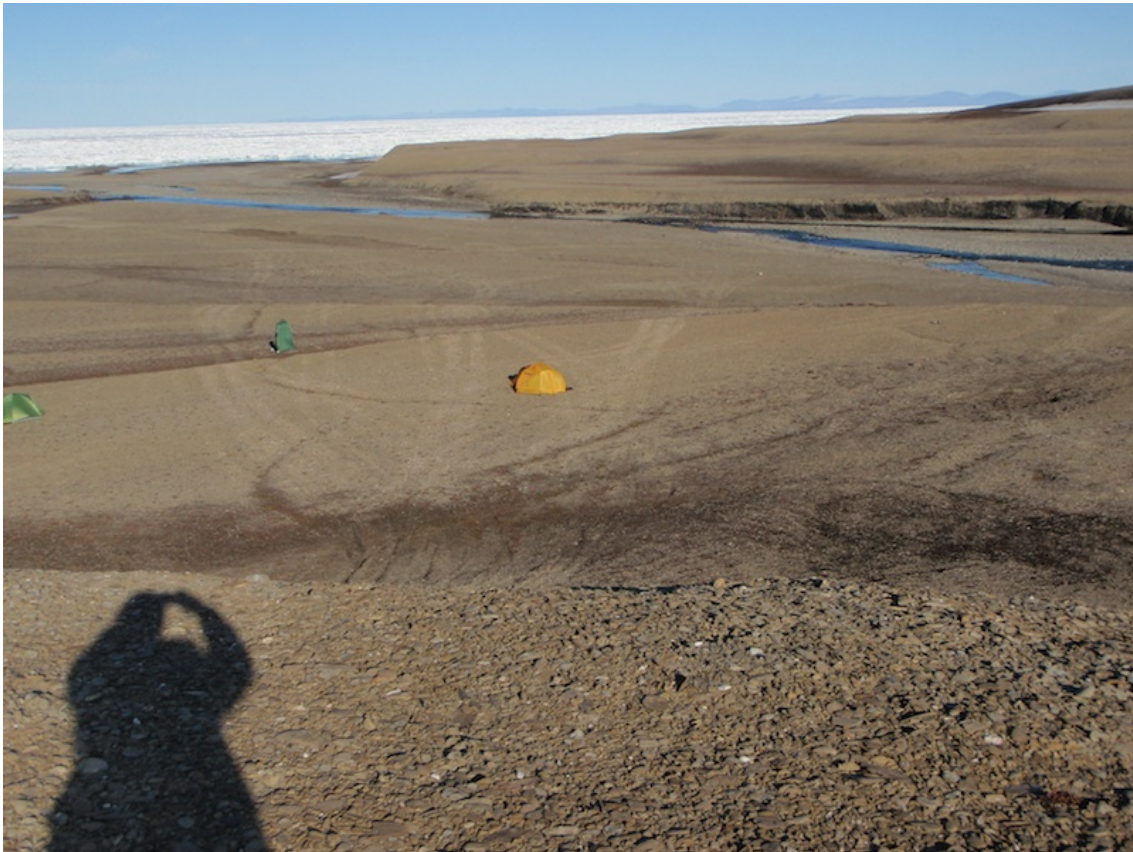


Figure 2. Campsite from above showing prior damage by tracked vehicles from CFS Alert.