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NIRB File No.: 19YN022

ՀԵՌԱՎՈՅՑ ՀՐԱ:

The “Evaluation of natural bioremediation potential of Arctic beaches” project

զ՞ԴՇՎԵԿՌ ՀՐԱ:

McGill University (McGill)

ᐊᖅᑭᖅᑖᓂ: Qikiqtani (North Baffin) Region

એરોપર્સેન્ટ્સ લિમિટેડ | ઓફિશિયલ વૈબાઇલ પ્રોફિલ: www.nirb.ca

Application No.: 125469

June 13, 2019

ԱՐԴՅՈՒՆՎԱՐԱԿԱՆ

“Evaluation of natural bioremediation potential of Arctic beaches” at Qikiqtani (North Baffin) research to determine if naturally occurring Arctic bacteria have the ability to degrade shipping fuels under Arctic conditions. July – August 2019. The project:

- Sampling chambers (microcosms) to be fully buried in sediment at a beach near Resolute Bay and stored with 0.1 millilitres shipping fuel, with removal of chambers after six (6) weeks;
 - Use of a manual corer and hand-held spade to collect beach sediments for further analyses at the McGill University for type of bacteria;
 - Use and storage of chemicals for preservation of samples; and
 - Accommodations at the Polar Continental Shelf Program (PCSP) Research facilities in Resolute Bay.

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