ᖃᐅᔨᓴᖅᑕᐅᓂᖏᑦ ᑐᓴᖅᑎᑦᓯᐊᕐᓂ

ᐃᓄᐃᑦ ᐃᓱᒪᒋᔭᖓᓂᒃ ᐅᖃᐅᓯᖏᓐᓂᒃᑯᑦ

NIRB File No.: 06YN071

ᐱᓕᕆᐊᖓᔪᑦ ᐊᑎᖓ: The “Project 1: The Northwest Passage at the end of the Last Glaciation. 2: River sampling during 2017 ArcticNet expedition” project

ᓇᖕᒥᓂᖅᖃᑐᑦ ᐊᑎᖓ: Arctic Net

ᐱᓕᕆᐊᖓᔪᖅ: Research

ᐊᐃᕐᓂᒪᓂᖅ: Kitikmeot and Qikiqtani Regions

ᐊᐅᑎᓕᕆᓴᒃᑯᑦ ᖃᕆᑕᐅᔭᖏᖓᓂᒃᓂᓂ: www.nirb.ca

Application No.: 125145

ᐅᖃᐅᓯᓕᖏᓄᑦ ᐃᓱᓕᖅᓴᐃᑦ: **June 26, 2017**

ᐱᓕᕆᐊᖓᑎᒃᓴᖅ:

ᐱᓕᕆᐊᖓᑎᒃᓴᖅ “Project 1: The Northwest Passage at the end of the Last Glaciation. 2: River sampling during 2017 ArcticNet expedition” ᐊᐃᕐᓱᒪᓂᖏᓂᓂ ᓄᓇᓕᐅᑦ ᓇᓂᔨᐅᔪᖏᓇᖅᓴᖅ ᐅᐊᐢᓂ Kitikmeot and Qikiqtani ᐅᖏᓚᓱᓂᖃᖅᓯᓂᓂ. ᓇᖕᒥᓂᖅᖃᑐᑦ ᐱᓕᕆᐊᖅᑲᐊᖅᑲᖅ ᐅᑯᓂᖓ the proponent intends to conduct a study of the Canadian Arctic Archipelago environment and its sensitivity to environmental variability and change along shorelines as previously approved and is currently proposing the addition of river sampling to the project. ᐱᓕᕆᐊᖓᑎᒃᓴᖅᑐᑦ ᐊᑯᓂᐅᑎᑎᓂᐊᖅᑲᖅ ᐅᐊᖏᓚᑦ July ᐃᓱᓕᔪᖅᖃᖅᓯᓂᓂ August 2017. ᐱᓕᕆᐊᖓᑎᒃᓴᖅᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᓱᒪᔪᖅ ᓄᓇᕗᒻ ᐊᐊᐅᓕᕆᓴᑯᓘᓂᑦ ᐅᑯᓂᖓ ᐱᓕᕆᐊᖅᖃᖅᑐᐊᖅᓯᓂᓂ:

- Use of helicopter on board CCGS Amundsen to sample various river locations along the route, weather dependant.
- Collect eight (8) litres (L) via battery powered pump for further analysis and some samples would be preserved
- Use of sensors to measure temperature salinity, and water flow rate
- Any garbage or materials taken to the sampling location would be taken to back to the ship to be disposed of appropriately

ᐊᐊᐅᓕᕆᓴᑯᓘᓂᑦ ᖃᕆᑕᐅᔭᖅᑯᓂᑦ ᖃᐅᔨᒪᔪᖓᓐᓂᑦ ᑕᑯᔪᓇᖅᓯᓂᐊᖅᑕᕐᓂᓪ ᑎᑎᖃᖅᖃᖅᓯᓂᓂ NIRB File No.: 06YN071 ᐱᓕᕆᐊᖓᑎᒃᓴᖅᑐᑦ ᐃᓗᓕᖅᓂᖅᓂ, ᓄᓇᕐᐊᖅᓂᖅ, ᐃᓄᖅᓂᓪᓗ ᐅᖃᖅᖁᔭᕐᒥᖅ ᑎᑎᕋᖁᔭᖅᖃᖅᓯᓂᓂ.

ᐅᖃᐅᓯᖏᓐᓂᒃ ᑐᓴᕐᕕᓂ

**ᐃᓕᐅᖃᑕᐅᕋᔪᐅᓚᓗᐊᖅᓂᑎᑦ ᐅᖃᐅᓯᖏᓐᓂᖅᖃᖅᓯᓂᓂ ᐊᐊᐅᓕᕆᓴᑯᓘᓂᒪᓄᑦ ᐱᓕᕆᐊᖓᑎᒃᓴᖅᑐᒪᑦ ᖃᓄᖅ ᐃᓱᓕᓚᖓᓗᐊᖅᓂᑦ, ᐊᐃᓕᖅᑐᑦ ᐃᓄᐃᑦ ᐱᓕᕆᐊᖓᑎᒃᓴᖅᑐᑦ ᐱᓕᕆᐊᖅᑲᐊᖅᑲᖅ ᐅᖃᐅᓯᖏᓐᓂᒃᑯᑦ ᐱᓕᕆᐊᖅᑲᐊᖅᑲᖅ ᐊᐃᓕᖅᑐᑦ ᐃᓄᐃᑦ