ᖃᐅᔨᓴᖅᑕᐅᓂᖏᑦ ᑐᓴᖅᑎᑦᓯᐊᕐᓂ

ᐃᓄᐃᑦ ᐃᓱᒪᒋᔭᖓᓂᒃ ᐅᖃᐅᖅᓯᐊᕐᓗᒋᑦ

NIRB File No.: 25YN024

ᐱᓕᕆᐊᖓᔪᓂ ᐊᑎᖅᑐᒃ: The **“Biopsy, tagging, acoustics, and drone work on walrus and beluga”** project

ᓇᖅᑎᓂᖅᓴᖅᑐᑦ ᐊᑎᖅᑐᒃ: ᐃᖃᓗᓕᕆᔨᑦ ᐃᒪᖏᑕᕆᕆᔨᓪᓗ

ᐱᓕᕆᐊᖓᔪᖅᓴᖅ: ᖃᐅᔨᓴᓂᓂᖅ ᐊᐃᒃᓱᒪᒋᓂᖅᑐᒃ: ᑭᓴᓕᓂᖅ ᖁᑭᖅᑕᓂ

ᐊᐅᑎᕆᕆᔨᓴᓐᓂ ᖃᓇᑕᐅᔪᖅᑐᓂᖅᓂ: www.nirb.ca Application No.: 126169

ᐅᖅᖃᐅᓱᓴᓗᓂ ᐃᓱᓕᑦᕕᒃ: **ᔮᓐ 3, 2025**

ᐱᓕᕆᐊᖓᓂᐊᖅᑐᖅᓴᖅ:

ᐱᓕᕆᐊᖓᓂᐊᖅᑐᖅᓴᖅ “Biopsy, tagging, acoustics, and drone work on walrus and beluga” ᐊᐃᒃᓱᒪᒋᓂᖓᓂ ᓄᓇᕗᐅᑦ ᓇᓂᔪᐅᔨᓐᓇᖅᑐᖅᓴᖅ ᐅᐊᓂᓂ ᑭᖑᓂᖅ ᖁᑭᖅᑕᓂ within the communities ᓴᑦᕗᖅ, ᐃᒡᓗᕗᓂ, ᑭᓚᓗᐃᑦ, ᓇᐅᔭᑦ, ᓴᓂᕋᔭᖅ. ᓇᖃᑎᓂᖅᑐᖅᓴᖅ ᐱᓕᕆᐊᖅᑲᐊᖅᑐᖅ ᐅᔨᓂᖓᓗ research about walrus and beluga whales to determine how they may be affected by the increased shipping in the areas of the Qikiqtani and Kivalliq regions through studying critical habitat and shipping corridors, listening and watching for behaviour changes (foraging, resting, vocalizing) and using this information to potentially develop mitigation measures such as buffer zones around important terrestrial and marine habitat ᐱᓕᕆᐊᖓᓂᐊᖅᑐᖅᓴᖅ ᐊᔨᓂᐅᑎᑎᓂᐊᖅᑐᖅ ᐅᐊᖓᑦ ᔪᓪᒪᐃ ᐃᓱᓕᑦᕕᖅᓴᓗᓂ ᐅᔨᓂᖓᓗ ᐱᓕᕆᐊᖅᓴᓗᓂ:

- Collect biopsy samples of walrus and beluga to study the genetics of the species
- Use drones and remote cameras to conduct aerial surveys and to monitor walrus haul outs and gather behavioral data on beluga whales,
- Place hydrophones to monitor marine mammal presence
- Local support from the local Hunters and Trappers Associations/Organizations to hire boats, captains and field research assistants

ᐊᐊᑎᓕᕆᔨᓴᓐᓇᖅᑐᓂ ᖃᓇᑕᐅᔪᖅᑐᓂ ᖃᐅᔨᓴᓪᓚᕐᓇᖅᓯᓪᓕᐊᓂ ᑎᑎᖃᖅᖃᖅᓯᓗᓂ NIRB File No.: **25YN024** ᐱᓕᕆᐊᖓᓂᐊᖅᑐᖅᓴᖅᑐᑦ ᐃᓗᓕᖅᑎᓪᓗᒍ, ᓄᓇᖓᓂᐊᖅᑐᒥ, ᐃᓄᖓᓕᓗ ᐅᖃᖅᑲᐅᔪᖅᑕᒃ ᑎᑎᕋᖅᑲᐅᔪᖅᖃᖅᓯᓗᓂ.

ᐅᖃᐅᓱᓴᓗᓂ ᑐᓱᕋᐅᑦ

ᐃᓕᐅᖃᖅᑕᐅᓂᖅᓴᐅᓚᓗᐊᖅᑐᑎᑦ ᐅᖃᐅᓱᓴᓗᓂᖅᖃᖅᓯᓗᓂᑦ ᐊᐊᑎᓕᕆᔨᓴᓐᓇᖅᓵᓄᓪᓕᑦ ᐱᓕᕆᐊᖓᓂᐊᖅᓯᒪᓗᑦ ᖃᓄᖅ ᐃᓱᓕᓚᐅᖅᑐᖅ ᐃᓕᓴᐃᓕᐅᖅᑐᑦ, ᐊᓚᓐ ᐃᓕᐅᖃᖅᑕᐅᔪᑦ ᐊᐃᐃᓇᖃᖅᓯᓇᖅᓱᓕᑦ ᐱᓕᕆᐊᖅᓴᐅᔪᓂ ᐅᖃᐅᓱᓴᓗᓂᖅᖃᖅᓯᓗᓂ ᑐᓂᓯᔪᓐᓇᖅᑐᖅ ᐅᖃᐅᓱᓴᓗᓂᖅᖃᖅᓯᓗᓂᑦᑎᓪᓗ ᑕᐃᔅᓱᓚᓪᓕᓐᓂᖅ ᓄᓇᕗᐅᑦ ᐊᐊᑎᓕᕆᐊᖅᑐᖅ ᖃᓄᐃᓕᐅᖅᑎᑐᓂᖅ ᐅᕐᓇᓗ http://www.nirb.ca. ᐅᖃᐅᓱᓴᓗᓂᐅᑦᓇᖅᓯᓪᓗᒍ ᑕᐃᔅᓱᓚᓪᓕᓐᓂᖅ ᓄᓇᕗᐅᑦ ᐊᐊᑎᓕᕆᐊᖅᑐᖅ ᖃᓄᐃᓕᐅᖅᑎᑐᓂᖅᓂ ᑎᑎᕋᖅᑲᐅᔪᖅᐅᓪᓗᑦ ᐅᕐᓇᓗ info@nirb.ca. ᐅᕙᓪᓕᓐᓄᑦ ᓯᖏᔪᖅᑐᖅ ᐅᕐᓇᓗ (867) 983-2594–ᒧᑦ.

ᐊᐱᕆᔨᓴᖅᑎᑐᓂᐅᕐᓂᐊᕐᓂᐅᕐᓂᓪᓗ ᐱᓕᕆᐊᖓᓂᐊᖅᑐᒥᒃ ᐅᕙᓚᕙ ᐊᐊᑎᓕᕆᐊᖅᑐᖅ ᖃᐅᔨᓴᓂᓕᓐᓄᑦ, ᑐᓴᖅᑎᑦᓯᐊᕐᓂ ᐃᓱᓕᑦᕕᒃ Robby Qammaniq, Impact Assessment Officer ᐅᖃᓗᒋᑦ ᐊᑭᖃᖅᑭᑐᖅ 1-866-233-3033 ᖃᓇᑕᐅᔪᖅᑕᐅᔨᔭᓗ ᑐᐃᕐᑎᖅᓯᓂᑦ rqammaniq@nirb.ca.