Baffinland

2AM-MRY-1325 ᖃᓄᐃᓕᒋᓐᓂᖅ Δ Δᒪᖏᒍᑦ ᓪΔᕆᓐᓯᒍᑦ ᓄᑦᖁᓚᐊᑭᑎ
ᓄᓇᕗᒻᒥ Δᒪᓪᓚᕆᐅᑯᑦ ᑲᑎᒪᔨᖏᑦᑕᑦ Δᓄᓪᒪᓂᖅ ᐋᓪᓂᓐᖃᖅᑎᑦᑎᓂᓐᖅ
Lᓴᕆ 11-12, 2025

2AM-MRY-1325 Type A Water Licence Renewal
NWB Public Hearing
March 11-12, 2025

MISSION
ጋᑫᖃᑕᖅ

Our mission is to become the lowest cost producer of high-grade iron ore in the world.

ጋᑫᖃᑕᐅᑦ ᐊᑭᑭᓪᓗᓂᖅ
ᐅᔪᕋᓂᐊᖃᑎᒌᒍᑦᓯᒪᑦ
ᓴᓇᕆᔨᓴᕆᑎᑦᐊᕐᓇᖅᓂᖅ
ᓄᓇᕋᔪᐊᕐᒥ.

VISION
ᓯᐅᒧᒍᑦ ᑕᐅᑐᒪᖅ

Our vision is to safely and efficiently identify and develop resources within Baffin island, unlocking their wealth-generating potential for the benefit of all stakeholders.

ᓯᐅᓂᓴᕆᑎᓂᓂ ᑕᐅᑐᑕᐅᑦ
ᐊᑦᑕᕋᓚᕐᓂᕆᐊᖃᖅᑐᒥ,
ᓇᓗᓇΔᔪᑦᑎᐊᖃᓯᒪᓂᑦ ᓴᓇᓗᒋᑦᓗ
ᑭᓯᔪᓐᓇᐅᑦ,
ᔪᓚᕐᓗᓯᓂᓂ, ᐊᔪᖃᕐᓂᐅᓂᖅᑐᓂᑦ
Δᓪᐅᔭᖃᐅᔪᓪᓕᒍᑦ Δᑲᔨᑎᐅᓂᐊᖃᖅᑐᓄᓕᓂ.

VALUES
ᐅᑲᐱᒪᓚᕆᐅᑦ

Health & Safety
Safety as a value.
ᖃᓄᐃᓕᒋᓐᓂᖅ
ᐊᑦᑕᕋᓚᕐᓂᑐᐃᓂᕋᓂᓗ
ᐊᑦᑕᕋᓚᕐᓂᑐᐃᓂᖅᓂᖅ ᐅᑲᐱᒪᓚᕆᐅᑐᒍᒍ

Integrity
Do what is right, not what is easy.
ᓱᓕᖃᖅᑕᕋᓂᖅ
ᐱᒍᒍ ᑕᓴᓚᕐᓂᑐᖅ,
ᐊᔪᕋᓚᕐᓂᑐᐃᓂᑐᖅ

Engage and Develop our People
Δᓄᖃᑎᒌᑦ Δᓪᐅᑎᑦᑎᐊᖃᓯᒪᓂᑦ
ᐱᓵᓕᕆᖃᑎᒌᒍᓐᓇᓂᓗ

Respect for all
Δᐅᐱᒍᓐᓇᓂᓂᓂ ᑭᐅᑯᓴᒪᓂᖅ

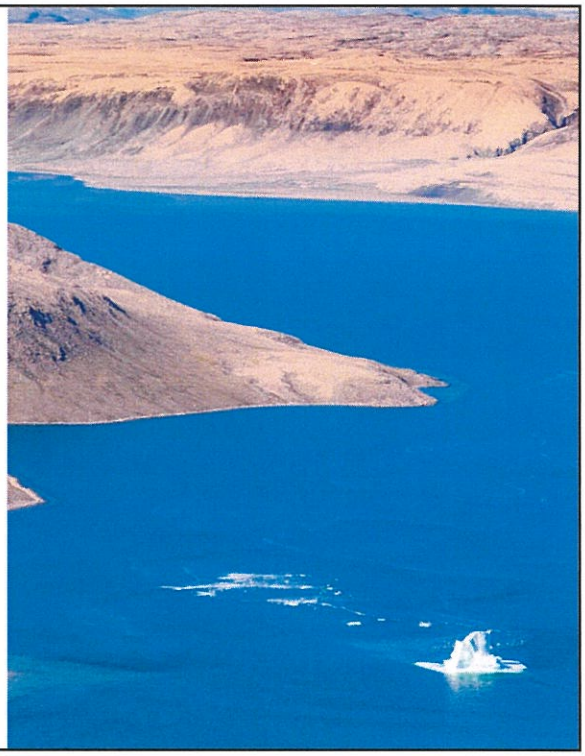
Environmental Stewardship
ᐊᐅᑎᓂᖅ ᐸᖅᑭᔨᐅᓂᓂ

Pursue Performance Excellence
ᐊᔪᕐᓗᒋᓴᕐᓗᒋᑦᑐᓂᓂ ᐱᓕᕆᓂᖅᑯᑦ

ᓇᐃᓐᓇᖅᓯᒪᔪᖅ ᐅᓂᒃᑲᑦ
Presentation Summary

- ᓄᓇᕗᑦᓂᕐᓗᑦ ᑐᕋᓯᒃᕋᖅ
- ᓄᓇᕗᖕᓂ ᐃᒪᖅᓗᑦ ᓭᐃᕋᓐᓂ ᓄᑖᖏᑦᑐᕋᐅᓂᒃ ᓇᐃᓐᓇᖅᓯᒪᔪᐅᒃ ᖃᐅᖅᑭᓂᖅ
- ᐱᕋᑦᐊᑐᔪᓂᒃ ᖃᐅᖅᑭᓂᖅ
- ᐃᓱᓕᔪᐊᑎᖕᖓᒐ

- Mary River Overview
- Mary River Water Licence Renewal Overview
- Technical Overview
- Conclusion

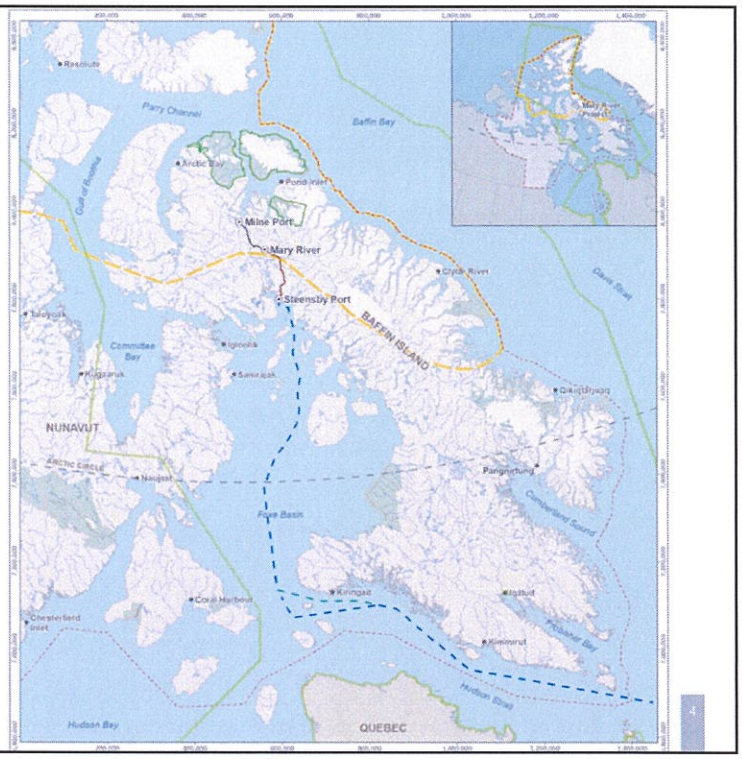


Baffinland

ᓄᓇᕗᖕᓂ ᐱᓕᓴᐃᐊᖅ
Mary River Project

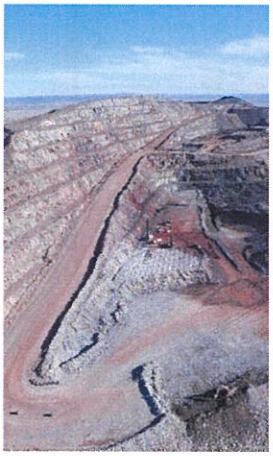
- ᐊᐅᓚᓂᖅ ᐅᓴᖅᓂᓕᕆᕐᓇᖕᒥ ᓄᓇᕗᖕᓂ
- ᑭᓇᐅᔭᕋᓱᒋᓕᓚᕆᕐᓂᖅ 2015-ᒥᓂᑦ
- ᐸᖅᓇᑲᑕᐅᔪᑦ ᓴᓇᔨᐅᓂᒃᓴᖕᓄᑦ ᓂᑎᐊᒍᑦ ᓄᓇᓕᐅᑎᓯᑲᖅᐳᖅ ᐊᖅᓯᓯᑎᑲᖅᓴᖕ ᓴᓇᕐᓂᓂᒃ
- ᐅᓕᖅᑕᖅᓂᕐᓗᑦ ᐃᒃᐱᑭᑐᕆᐊᐸᖅ ᑐᓕᖅᑕᓂᕐᓇᐊᐸᑦ

- Operating mine at Mary River
- Early Revenue Phase since 2015
- Planned construction of Steensby
- Railway to transport ore to Steensby Port

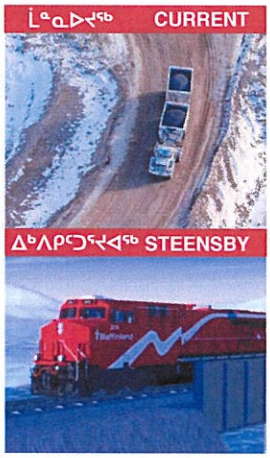


ᐊᐅᓪᑕᐅᓂᖅᓴᒃ
Operations

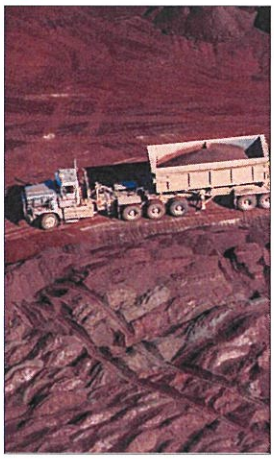
1 ᐅᓴᖅᓂᐊᖏᓐᓇᒃ
Mine Site



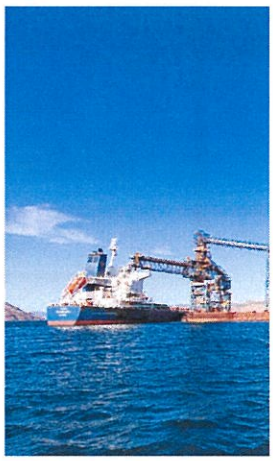
2 ᐅᓯᒃᖢᑕᖏᓪᓕ
Transportation



3 ᓴᐃᒃᓴᒍᑦ ᓄᐊᑕᐅᓂᖅᑭᑦ
Stockpiling



4 ᐅᒥᐊᕐᔪᐊᑕᓗᓂᖅ
Shipping



Baffinland

5

ᐱᓕᓗᐊᒥ ᐃᖅᑲᐅᒪᓇᖅᑐᑦ
Project Milestones

1962
ᓄᓕᒃᓴᓂ
ᓴᐃᓴᒍᐊᐸᐅᓂᖅᓯᖅ ᖃᐅᔨᒪᑕᓄᑦ
Mary River's High-Grade Iron Ore First Noted in an Airborne Reconnaissance

1973
ᐊᑦᔪᓂᖅᓯᐅᑉ ᐅᓂᒡᓗᒍᓐᓇᖅᑐᑦ ᐊᑐᓕᖅᑐᓂᒃᑯᓕᓪᓚᑦ
Baffinland Acquires Mining Lease

1999
ᓄᓇᕗᒻᒥᖅ; ᓄᓕᒃᓴᓂ ᐱᑕᕆᐊᑦ ᐃᓂᓐᓴᒃ ᓂᕈᐊᖅᑕᐅᓂᖅ ᐃᓄᐃᑦ ᓄᓇᕗᑦᓂᖅᓴᓂ
Nunavut Created; Mary River Project Site Selected as Inuit Owned Land

2012
ᐅᓴᖅᓂᐊᕈᓐᓇᐅᑎᐅᑦ ᓇᓕᐅᑦ 005 ᓄᓕᒃᓴᓂ ᐱᑕᕆᐊᑦ
Project Certificate (PC) No. 005 for Mary River Project

2013
ᐃᓄᐃᑦ ᐊᑲᖅᑕᐅᓂᖅᓴᓐᓄᑦ ᓄᑦ ᐱᔭᕇᓂᕐᒪᑐᐃᓐᓇᖅᑐᒃ ᐊᒻᒪᓕᒃᑯᓂᖅ ᐊᑐᕐᒪᑎ ᐊᑐᖅᑕᐅᓂᖅᓴᓂ 'A' ᐃᒪᓕᕆᓂᖅᓱᑦ ᓯᐃᓴᖅᓱ ᐊᑎᖅᑕᐅᓂᖅᓯᖅ
IIIBA Signatures Commercial Lease Type 'A' Water Licence Approved

2014
ᐸᓇᐅᓴᖅᓯᐅᑉ ᖃᐅᔨᒪᑕᓄᑦ ᐊᑎᖅᑕᐅᓂᖅᓯᖅ
Early Revenue Phase (ERP) Approved

2015
ᓯᐅᓕᕆᓂᖅᓱᖅ ᖃᐅᔨᓴᖅ ᐊᐅᓕᕆᓂᖅᓯᖅ ᑕᑎᐅᑦ ᐊᑭᓗᓄᑦ
First Iron Ore is Shipped to Europe

2018
ᐱᑕᕆᐊᑦ ᐱᑎᑦᓯᐅᒃᓯᒪᓂᖅᓱᑦ ᑐᐱᓴᐅᑦ ᐊᑎᖅᑕᐅᓂᖅᓯᖅ
Production Increase Proposal (PIP) Approved

2020
ᐅᓴᖅᓂᐊᕆᐊᑦᓯᔪᒪᓂᖅᓱᑦ ᑐᐱᓴᐅᑎᓱᑦ ᐅᓴᖅᓱᓐᓂᒃᑯᐅᓂᖅᓱᓂ ᐊᑎᖅᑕᐅᓂᖅᓯᖅ
Production Increase Proposal Extension (PIPE) Approved

2022
ᐅᓴᖅᓂᐊᕆᐊᑦᓯᔪᒪᓂᖅᓱᑦ ᑐᐱᓴᐅᑎᓱᑦ ᓄᑕᖅᑐᕆᐊᑦ ᐊᑎᖅᑕᐅᓂᖅᓯᖅ
Production Increase Proposal Renewal (PIPR) Approved

2023
ᑲᓇᓗᓇᐅᓴᓐᓇᖅᑐᒃ ᐊᐅᓚᓂᖅᑲᓂᖅᓱᑦ ᐱᔪᓐᓇᒥᒃ ᐊᑎᖅᑕᐅᓂᖅᓯᖅ
Sustaining Operations Proposal (SOP) Approved

2025
ᐲᓇᐅᓴᖅᓂᐊᕐᔪᒪᓂᖅᓱᑦ
Early Revenue Phase (ERP)

Baffinland

6

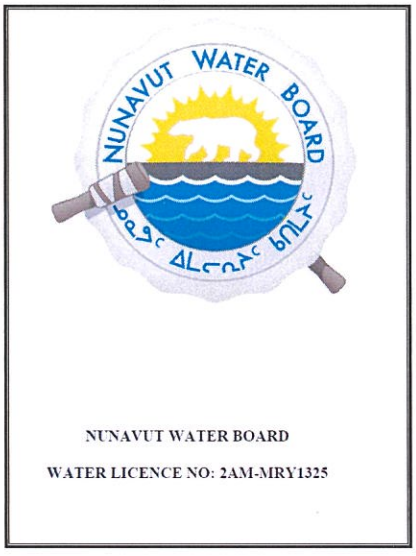
ᓄᓇᕗᒻᒥ ᐃᒪᖏᑦ ᓯᐃᓴᖅ ᓄᑖᒫᓂᖅᓯᒪᔪᓂᒃ ᓀᐃᐸᖅᓯᒪᔪᑎᒃ ᖃᑎᖏᑕᓂᖅ
MARY RIVER WATER LICENCE RENEWAL OVERVIEW

Baffinland

ᓄᓇᕗᒻᒥ ᐃᒪᖏᑦ ᓯᐃᓴᖅᓄᑦ ᑭᒫᓂᐊᒍ
Mary River Water Licence History

ᐅᑦᓗᑦᓗᐊᑕᒃᑯᑦ
- ᔪᓐ 10, 2013: ᑐᓂᕆᐅᓪᓗᐅᖅᑐᖅ ᖃᓄᐃᐃᑐᓂᒃ ᐃ ᐃᒪᖏᑦ ᓯᐃᓴᖅᓄᑦ 2AM-MRY1325
- ᔪᓚᐃ 21, 2015: ᑐᓂᕆᐅᓪᓗᐅᖅᑐᖅ ᐅᐃᒍᒃ ᓀᖁᐅᑦ 1. ᖃᓄᐃᐃᑐᓂᒃ ᐃ ᐃᒪᖏᑦ ᓯᐃᓴᖅᓄᑦ 2AM-MRY1325 (ᑭᓇᐅᔭᕆᖁᓪᓚᓇᓴᐊᖏᓂᖅ)
- ᔪᓐ 26, 2024: ᓄᑖᒫᓂᐊᒍᖅᓯᒪᔪᖅ ᐱᔪᒪᓇᓴᑎ ᑐᓂᕆᐅᔪᖅ

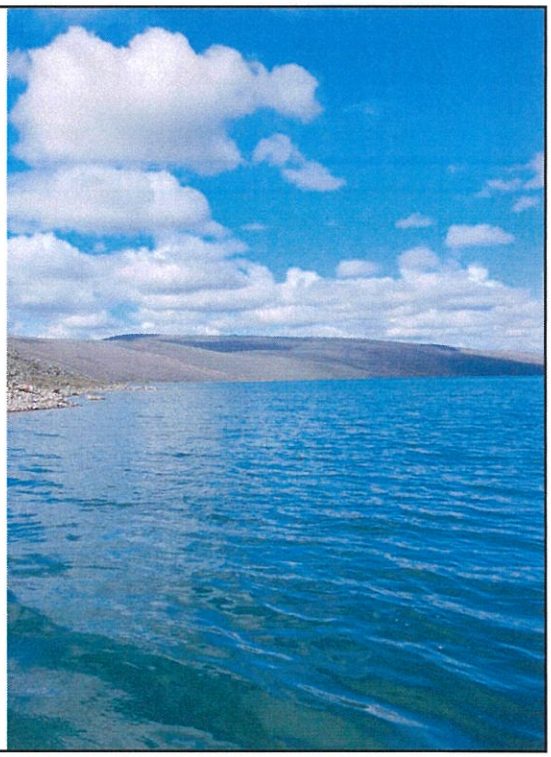
Key Dates
- **June 10, 2013:** Issuance of Type 'A' Water Licence 2AM-MRY1325
- **July 21, 2015:** Issuance of Amendment No. 1 to Type 'A' Water Licence 2AM-MRY1325 (Early Revenue Phase)
- **June 26, 2024**: Renewal Application Submission



Baffinland

ᐃᒪᖏᒧᑦ ᓪᐃᓴᓐᓂᒃ ᑲᒫᒃᓯᒪᔪᓂᖅ ᓇᐃᔭᖅᓂᒪᔪᒥᒃ ᖃᐅᖏᖅᑕᓂᖅ

- ᑐᒃᓂᕐᖅᑕᐅᓂᒪᔪᖅ 15-ᓄ ᐊᖏᕐᕌᒧᑦ
- ᐊᓂᔨᖅᑐᑦ ᐃᒪᖏᒧᑦ ᓪᐃᓴᓐᓂᒃᓗ
  - ᐊᓱᕐᓴᑎᑎᒋᑕᐅᔪᑦ ᐊᓂᔨᐅᐅᑎᑦ ᐃᒪᖏᒧᑦ ᓪᐃᓴᓐᓂᒃᓗᒋᑦ ᑲᒪᒋᐅᖏᖏᑯᓂᑦ ᐅᖏᑲᓂᒃᑯᓂᑦ ᑐᓴᖅᑎᑕᐅᔪᓕᕆᑕᐅᔪᑦ ᐱᔨᓚᐊᑐᔪᕆᒧᑦ ᖃᐅᒥᖏᑕᓂᒥ
  - ᐃᒪᓐᓇᖅᑐᑎᒃᑲᓐᓂᑦ ᐊᓂᔨᐅᐅᑎᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᔪᓂᒃᑐᓂᒃ ᐸᖏᓐᓂᓐᓄᑦ ᐃᒪᖏᒧᑦ ᓪᐃᓴᓐᓂᒃᓗᒋᑦ ᐊᐅᓚᖏᒥᔪᓂᒃᑐᓂᒃ ᐱᐅᓂᐅᔪᓂᒃᑐᓂᒃ ᓪᓚᕆᐊᑎᒃᑯᓂᒃᑐᓂᒃ ᐊᓂᔨᐅᐅᑎᓄᑦ ᑐᑭᓯᐅᓂᒥᒃ
- ᐊᐅᓪᓂᖏᒧᑦ ᐸᖏᓇᐅᑎᑦ ᐃᓐᓇᒧᑦ ᐊᐅᓪᓂᐅᔪᓂᖅ ᐱᑎᓂᐅᔪᓂᖅ, ᐃᓕᓴᐅᓂᒡᓗᑎᑦ ᐊᖏᕐᕌᒧᑦᐃᓐᓇᐅᑎᓂᐅᔪᖅ
- ᐃᓐᓇᓕᓴ ᓪᐃᓴᓐᓂᒃ ᑐᓂᓴᐅᓂᒡᓗᒍᖅ ᒪᓕᓴᕐᔪᒃ ᐅᓴᖏᓐᓂᐊᑐᓇᐅᑎᓕᒃ 005, ᱱᓕᕆᐊᓴᒃᑲᓐᓂᒃ ᐅᓴᖏᓐᓂᐊᑐᓇᐅᑎᑎᒃ ᱱᖏᓂᐅᑎᑎᒋᒪᔪᖅ ᐃᓐᓇᓕᓴᕐᓂᒃ ᐃᒪᖏᒧᑦ ᓪᐃᓴᓐᓂᒃ



Water Licence Renewal Overview

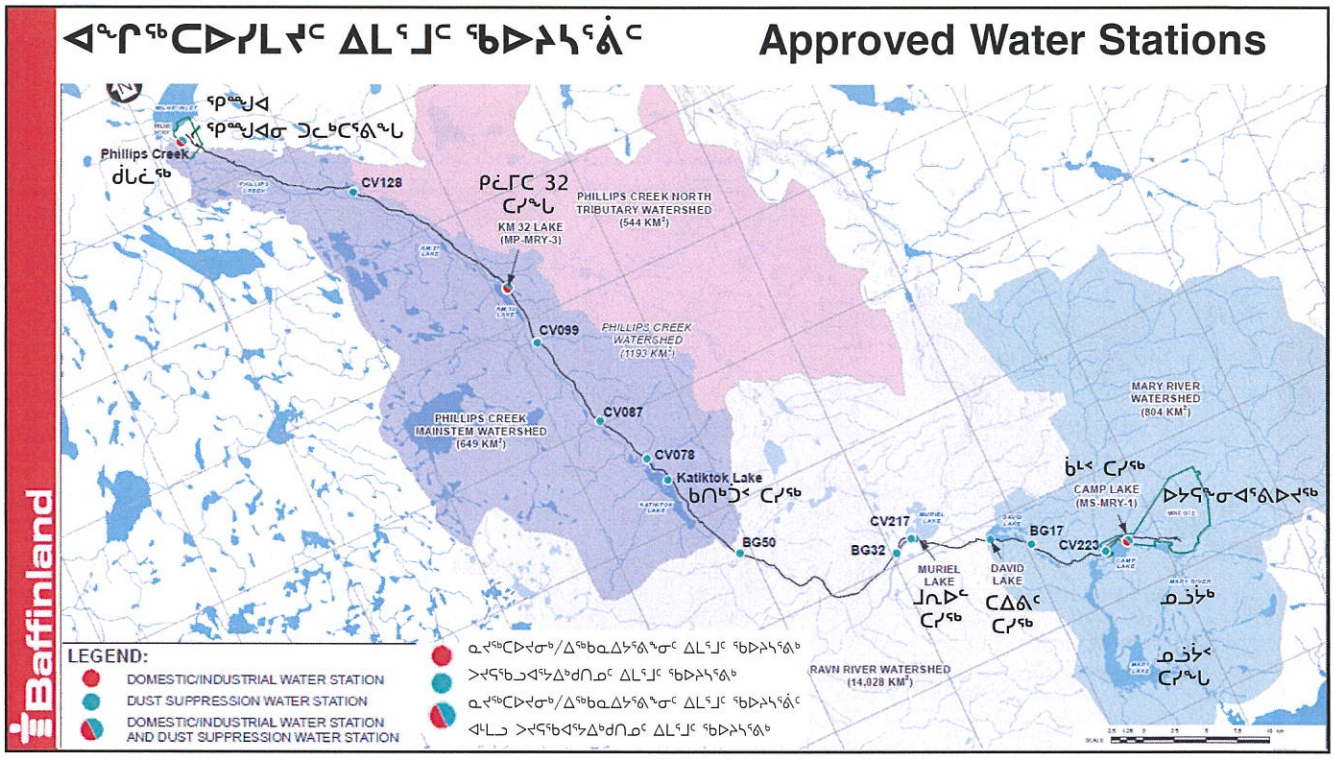
- Requesting a 15-year term
- Changes in the Water Licence
  - Agreed changes to the Water Licence to address comments received during the technical review
  - Further suggested changes identified by Baffinland in the Water Licence Framework in order to improve licence clarity
- Management Plans for current operations provided for reference, already subject to annual review
- Current licence issued based on Project Certificate (PC) 005, everything in scope of PC is included in the current water licence

ᐃᒪᖏᒍᑦ ᓪᐃᓴᓐᓂᐅᑦ ᐊᖅᑭᓂᒪᓕᕐᓂᓚᓄᑦ ᑐᓴᒃᓴᖏᑦ

- **ᐊᐅᓪᓚᖅᓂᖏᒍᑦ ᕿᖏᐅᑎᓂᑦ:** ᕿᓂᓐᓯᓐᓂᒃ ᑐᓵᓂᕆᓚᐅᖅᑐᑦ ᐃᓪᓂᓴᓗᑎᒃ ᑎᑎᕆᖅᑕᐅᓂᓴᓪᓚᓂᑦᑕᖅᑐᓚᓄᑦ ᐃᓕᓴᕐᕕᖏᓐᓄᑦ (ᐊᑐᑎᖅᑯᓂᐊᖅᑐᑦ ᖃᐅᔨᓴᖅᑎᓚᓄᑦ ᐊᓂᔪᓐᓇᓂᓚ), ᓄᑕᖅᐹᓚᐊᖅᑕᐅᔨᓇᖅᑐᑦ ᓴᖅᑭᑦᖅᑎᑕᐅᓪᓚᓂᒃ ᕿᓇᐅᑎᓂᑦ ᐊᖅᑭᑦᐊᑕᑎᓐᓂᑦ ᑕᐃᒪᐃᑦᑕᓚᐊᖅᑕᑎᒃ. ᑕᑯᓗᒍ ᑎᑎᕆᖅᓯᒪᔪᖅ ᖃᓄ.
- **ᓴᐃᕆᔨᓐᓄ ᐊᓴᒪᓗ ᑎᑯᔪᑦ ᐅᑦᖅᑲᓂᑦ ᐅᑦᕆᔭᓂᐊᖅᑐᑦ ᑯᐃᖅᑕᑦᐃᓐᓂᓄᑦ ᒪᓕᖅᓗᐃᑦ ᒪᓕᖅᑐᑦ:** ᐊᖅᑭᑦᐊᑕᑭᑎᑦ ᑎᑎᕆᖅᓯᒪᔪᖅ 4-Γ 10-J ᒪᓕᖅᑕᐅᑦᓴᓚᐊᓕᓕᑦ ᑕᒃᑯᓄᓐᓇ ᓴᐃᕆᔨᓐᓄᑦ ᐊᓴᒪᓗ ᐅᑦᖅᑲᓂᐊᖅᑐᓂᒃ ᑎᑯᔪᑯᑦ ᐅᑦᕆᔭᓂᐊᖅᑐᑦᔪᑦ ᓴᓗᓴᖅᓴᓕᓯᒪᔪᖅ ᐃᒃᑦ ᒪᓕᖅᑐᑦ (MDMER) ᑭᐅᓇᓯᐊᖅᓗᓚᒃ ᐊᐸᑎᓕᓚᓂᑦᑕᑦ ᐊᓴᒪᓗ ᓯᓚᒥᒃ ᐊᓯᔨᖅᓴᓕᓚᐊᖅᑐᑦᔪᑦ ᑲᓇᑕᒃᑯᓂᖅ (ECCC) ᐅᖅᑲᐅᓯᖏᓐᓇᓯᒪᔪᓐᓇᓂᑦ.
- **ᑲᑎᒪᔨᑦ ᐊᓐᓂᖅᓯᓂᓐᓂᑦ:** ᒪᓕᓴᓗᑎᒃ ᐃᓕᓯᓂᕐᒧᑦ "ᑭᐊᓯᓂ ᐊᓯᐊᔪᑦ ᐊᓐᓂᖅᑕᐅᓯᒪᔪᑎᑎᒃ ᑲᑎᒪᔨᓂᑦ" ᐊᒃᑐᐊᔨᓄᑦ ᐅᖅᑲᐅᓯᖏᓄᑦ.
- **ᖃᓄᐃᓕᖅᖃᖅᖏᓐᓄᒃ ᑯᐃᓯᖅᑕᑦᓂᓕᑦ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᑦᐃᓐᓂᑦ:** ᓄᑕᖅᓴᑎᐊᖅᓗᓂᑕᑦ ᓇᓕᐊᓕᓕᑕᑦ ᓴᓗᓴᖅᓴᓕᓯᒪᔪᖅ ᑯᐃᓯᖅᑕᑦᓂᓕᑦ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᑦᐃᓐᓂᑦ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᓂᒃ ᒪᓐᓇᒪᔪᖅ ᐃᓂᓇ ᐃᓂᑦ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᑦᐃᓐᓂᑦ (ᐊᐃᒃᑐᖅᓯᒪᔪᖅ Γ, ᐅᖅᑲᐅᓯᔪᖅ 17, 19, 22, 23).
- **ᖁᑭᖅᑕᓂ ᐃᓄᐃᑦ ᑲᑐᔨᖅᑎᑎᑦᑕ -ᐊᐅᓪᓚᑕᖅᑎᑦ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᖅᓂᑦ ᐊᖅᑭᓗ ᐅᓂᒃᑲᑦ:** ᐊᖅᑭᑦᐊᑕᑭᑎᑦ ᐃᓕᓴᒃ ᐱᓪᓂᑦ, ᐅᖅᑲᐅᓯᔪᖅ 17, ᑎᑎᕆᖅᓯᒪᔪᖅ ᐱ ᑕᐃᔨᐅᓯᒪᔪᖅ ᓄᑕᖅᐹᓚᐊᖅᑐᓂᓂ ᕿᓇᐅᑎᓂᑦ ᐱᓘᔪᐅᑎᒃ ᐃᓐᓇᑦᑐᓕᕐᓂᑦ ᖁᑭᖅᑕᓂ ᐃᓄᐃᑦ ᑲᑐᔨᖅᑎᑎᑦᑕ ᐊᐅᓪᓚᑕᖅᑎᑦ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᖅᓂᑦ ᐊᖅᑭᓗ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᑦᐃᓐᓂᑦ ᐊᖅᑭᓗ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᑦᐃᓐᓂᑦ.
- **ᑎᑎᕆᖅᓯᒪᔪᖅ I ᐃᒪᖏᒍᑦ ᐊᑐᑐᐃᓂᖅᓂᒃ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᖅᓂᖏᒍᑦ:** ᓄᑕᖅᐹᓚᐊᖅᑐᑦ ᑎᑎᕆᖅᓯᒪᔪᖅ ᑎᑎᕆᖅᓯᒪᔪᖅ I–Γ ᓴᖅᑭᑦᖅᑎᑎᑎᑎᕆᐊᖅᓂᖅᓴᓕᑯᓚᓂᑦ ᐅᓪᓚᒥ ᐅᓴᕆᔭᓂᐊᓕᐅᓪᓚ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᖅᓂᖏᒍᑦ ᑭᓪᓕᐅᔪᑦ. ᓇᓗᓇᐃᓴᖅᓯᒪᔪᑦ ᒪᓕᓴᖅᑎᑎᕆᖅᑕᐅᔪᑦ, ᑕᒪᐃᓐᓇᑐᓴᒪᔪᑦ ᐊᖅᑭᓗ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᖅᓂᖏᒍᑦ ᖃᐅᔨᔪᖅᓴᓕᓂᐊᓐᓂᖅᓱᓐᓇᖅᓂᖏᒍᑦ ᐃᓂᓂᒃ.

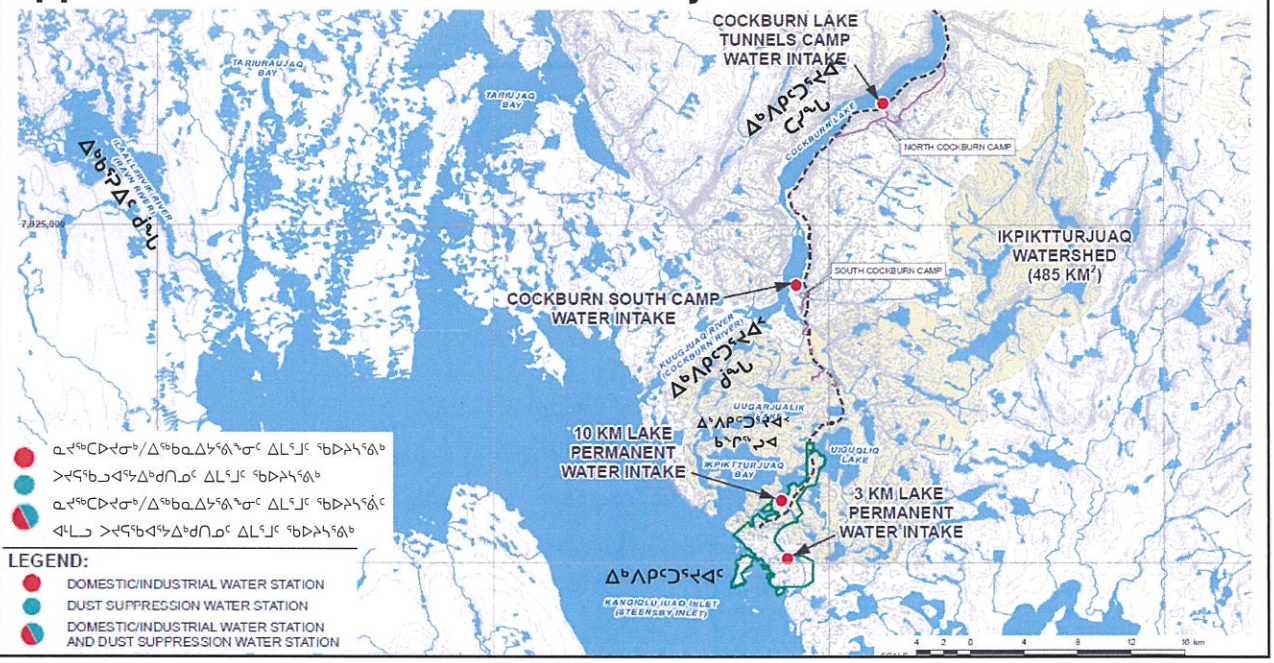
Water Licence Framework Updates

- **Management Plans:** Baffinland proposes to add a master list of the current plans (which will be useful for the inspector and others), which can be updated to reflect plan revisions as needed. See Schedule K.
- **MDMER Alignment:** Modifications to Table 4-10 criteria to align with MDMER in response to ECCC comments
- **Board Approval:** Consistency in adding “unless otherwise approved by the Board” to relevant Items.
- **Effluent Discharge Monitoring Stations**: Updating of specific effluent discharge monitoring stations to better reflect current site conditions (section F, Items 17, 19, 22, 23).
- **QIA-led monitoring and reports:** Revisions to Part B, Item 17 and Schedule B to reference updating plans based on monitoring and assessments and to include annual reporting on QIA-led monitoring and studies.
- **Schedule I Aquatic Effects Monitoring**: Updating tables in Schedule I to better reflect current site conditions and monitoring parameters. Identification of regulated, general and verification monitoring sites.

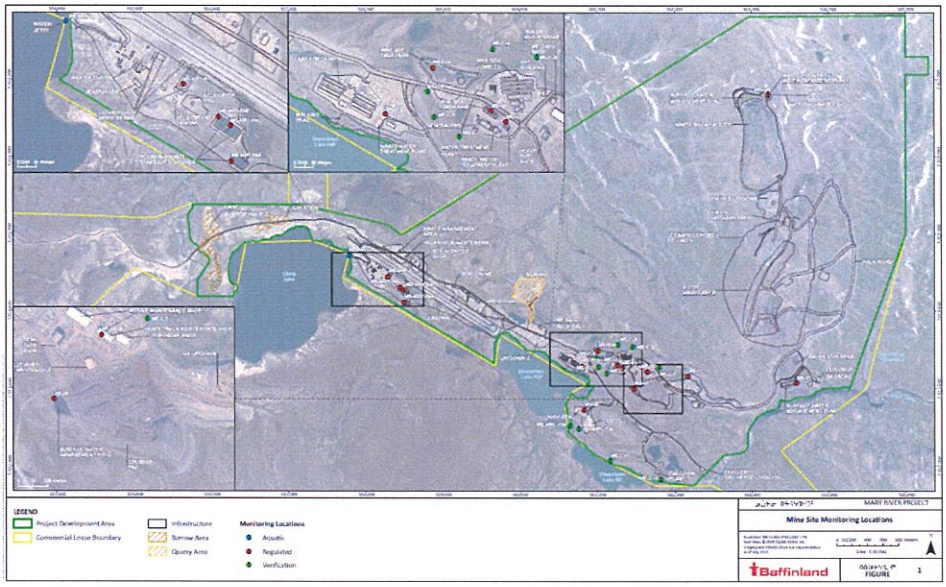

ᐊᓐᑭᖅᑕᐅᓯᒪᔨᑦ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᑦ
Approved Water Stations
ᖁᓕᓪᓚᐊ
ᖁᓕᓪᓚᐊᓂ ᑐᓴᕐᖁᖏᓐᓄᑦ
Phillips Creek
ᔫᒃᓴᖅ
CV128
ᑭᓱᒋᑦ 32
ᑕᓯᖏᓐ
KM 32 LAKE
(MP-MRY-3)
PHILLIPS CREEK NORTH TRIBUTARY WATERSHED
(544 KM²)
CV099
PHILLIPS CREEK WATERSHED
(1193 KM²)
CV087
PHILLIPS CREEK MAINSTEM WATERSHED
(649 KM²)
CV078
Katiktok Lake
ᑲᑎᑲᑐᒃ ᑕᓯᖅ
BG50
CV217
BG32
BG17
CV223
MURIEL LAKE
ᒫᓕᐅᑦ ᑕᓯᖅ
DAVID LAKE
ᑕᐃᕐᓂᑦ ᑕᓯᖅ
MARY RIVER WATERSHED
(804 KM²)
ᒥᓕᒃ ᑕᓯᖅ
CAMP LAKE
(MS-MRY-1)
ᐅᓴᖅᓂᐊᖏᐅᓴᖅ
ᓄᓇᕗᒻ
ᓄᓇᕗᒻᒥᒃ ᑕᓯᖅ
RAVN RIVER WATERSHED
(14,028 KM²)
LEGEND:
DOMESTIC/INDUSTRIAL WATER STATION
DUST SUPPRESSION WATER STATION
DOMESTIC/INDUSTRIAL WATER STATION AND DUST SUPPRESSION WATER STATION
ᓇᓕᖅᑕᐅᓴᓂᒃ/ᐃᖅᑲᓇᐃᔨᖏᓐᓂᒃ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅ
>ᓴᕐᖅᑲᐊᖅᐃᐅᔪᓂᒃ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅ
ᓇᓴᖅᑕᐅᓴᓂᒃ/ᐃᖅᑲᓇᐃᔨᖏᓐᓂᒃ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅᑦ
ᐊᓚᓗ >ᓴᕐᖅᑲᐊᖅᐃᐅᔪᓂᒃ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅ
Baffinland


ᐊᓐᑭᖅᑕᐅᓯᒪᔨᖅ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅ – ᐃᐅᐱᑕᖏᕐᓴᐊᓂ
Approved Water Stations - Steensby
BG17
MARY RIVER WATERSHED
(804 KM²)
CV223
MINE SITE
ᓄᓇᕗᒻ
ᓄᓇᕗᒻᒥᒃ ᑕᓯᖅ
ᐃᐅᖅᑭᐃᑦ ᔪᓐᓇ
ᐊᓐᑭᑦᓴᖅ ᑕᓯᖅ
ANGUJUR JUK LAKE
RAVN CAMP WATER INTAKE
ᐃᒪᖏᑐᐊᓐᓂᖅᑕᖏᓐᓇᖅ
RAVN RIVER CAMP AREA
ᐃᐅᖅᑭᐃᑦ ᔪᓐᓇ
ᑕᒪᒐᖅᑕᖏᓐᓇᖅ
RAVN RIVER WATERSHED
(14,028 KM²)
ᐃᐅᖅᑭᐃᑦ ᔪᓐᓇ
ᖁᑎᓐᓂᐊᓕᒫᓂᒃ ᐊᓐᑭᑦᓴᖅ ᓄᓇᕗᑦᓯᐊᓂ ᐊᓐᑭᑦᓴᖅ ᐊᓯᓚᖅ
MID-RAIL CAMP
ᐃᒪᖏᑐᐊᓐᓂᖅᑕᖏᓐᓇᖅ
MID-RAIL CAMP WATER INTAKE
ᓇᓕᖅᑕᐅᓴᓂᒃ/ᐃᖅᑲᓇᐃᔨᖏᓐᓂᒃ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅ
>ᓴᕐᖅᑲᐊᖅᐃᐅᔪᓂᒃ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅ
ᓇᓴᖅᑕᐅᓴᓂᒃ/ᐃᖅᑲᓇᐃᔨᖏᓐᓂᒃ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅᑦ
ᐊᓚᓗ >ᓴᕐᖅᑲᐊᖅᐃᐅᔪᓂᒃ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖏᓐᓇᖅ
LEGEND:
DOMESTIC/INDUSTRIAL WATER STATION
DUST SUPPRESSION WATER STATION
DOMESTIC/INDUSTRIAL WATER STATION AND DUST SUPPRESSION WATER STATION
Baffinland

ᐊᖏᑦᖃᐅᓯᒪᔪᖅ ᐃᒪᖏᑦ ᖃᐅᔨᓴᖅᑲᒃ – ᐃᒃᐱᑭᑐᖅᐊᓂ
Approved Water Stations - Steensby



ᖃᐅᔨᓴᖅᑲᐅᑭᓇᖏᓂᖏᑦ ᐃᓂᓪ – ᐅᕐᖏᓐᓂᐊᖏᖅᑎᓕᒥ
Monitoring Locations – Mine Site



ᖃᐅᔨᓴᖅᑲᓪᓚᐊᕐᑭᓇᖏᓂᖏᑦ ᖃᓄᓂ ᓇᓂᑭᓂᕐᓂ
- ᐃᒪᖅ
- ᒪᓕᒐᓕᐅᖅᑲᐅᔪᓚᑦ
- ᓇᓗᓇᐃᖅᓯᓂᖅ

Monitoring Locations
- Aquatic
- Regulated
- Verification

See larger poster

ᖃᐅᔨᓴᖅᑕᐅᖏᓐᓄᐊᕐᓂᖅ ᐃᓂᓪ – ᕿᖏᒍᐊᓂ ᑐᓪᓕᕐᕆᖅ
Monitoring Locations – Milne Port

ᖃᐅᔨᓴᖅᓯᓪᓕᐊᖏᓐᓄᐊᓪᓗ
ᖃᓂᓪ ᓇᓂᓐᓂᖏᓪ
- ᐃᒪᖅ
- ᒪᓕᒐᓕᐅᖅᑕᐅᓱᒪᔪᓪᓕ
- ᓇᓗᓇᐃᖅᓱᓂᖅ

Monitoring Locations
- Aquatic
- Regulated
- Verification

See larger poster

17

ᐃᒪᖅᓗᓪᓕ ᓪᐃᐱᖏᓱᓄᖅ ᖃᐅᔨᓴᖅᐃᐊᓕᖅᓂᖅᓗᓪᓕ ᐱᓕᕆᖅᑎᑎᓪᓕ
Water Licence Monitoring Team

- ᐊᐋᑎᓕᕆᔨᒃᑯᓪᓕ ᐱᓕᕆᖅᑎᑎᒋᓐᓕᓪᓕ
  - 7 ᐃᓄᐃᓪᓕ ᖃᑕᐱᐅᔪᓕᕆᔨᓪᓕ ᐊᓱᒪᓗ ᖃᐅᔨᓴᒪᔪᓪᓕᖅᓯᓐᓕᓪᓕ
  - 4 ᕿᑭᖅᑕᓂ ᐃᓄᐃᓪᓕ ᑲᑐᔨᖅᑎᑎᒋᑯᓐᓂᒃ ᐊᐋᑎᓕᕆᔨᓂᓪᓗᓪᓕ ᖃᐅᔨᓴᖅᓴᐅᓪᓕ
- Site Environment Team
  - 7 Inuit technician and specialists
  - 4 QIA environmental monitors

18

ᐃᒪᖅᑎᑕᖅᑭᒃ ᖃᐅᔨᓴᐃᖅᓯᖏᓐᓇᑦ ᐱᓕᕆᐊᖅ
Freshwater Monitoring Programs

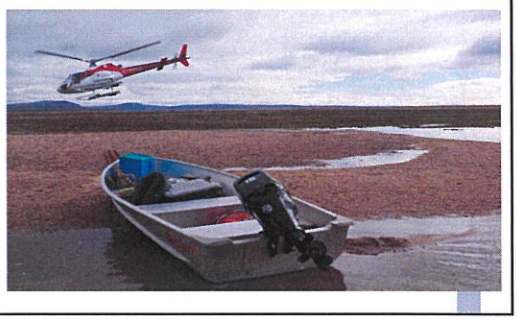
- ᐃᒪᖏᓐᓇᑦ ᐊᐢᑐᐃᓂᖏᓐᓄᑦ ᖃᐅᔨᓴᖅᑭᑦᓯᐊᖅᓯᖏᓐᓇᑦ ᐱᓕᕆᐊᑦ
  - ᖃᐅᔨᓴᕐᓄᑦ ᑐᓴᐅᒪᖃᑎᒌᒃᓴᑎᓄᑦ ᐱᓕᕆᐊᖅ
  - ᐊᕿᑎᒧᑦ ᐊᐢᑐᐃᓴᒃᓴᑎᓄᑦ ᖃᐅᔨᓴᐃᖅᓯᖏᓐᓇᖅ
  - ᑐᔪᐃᖅᑲᐅᕿᓯᑦᓯᐊᖅᑭᕐᓗᑎᓄᑦ ᐊᕿᑎᒥᒃ ᖃᐅᔨᓴᐃᖅᓯᖏᓐᓇᑦ ᐱᓕᕆᐊᖅ
  - ᑕᓯᐅᑦ ᐃᖅᑲᖅᑭᓂᒃ ᖃᐅᔨᓴᐃᖅᓯᖏᓐᓇᑦ ᐱᓕᕆᐊᖅ
  - ᐳᔪᕐᓂᒃ ᖃᐅᔨᓴᐃᖅᓯᓂᑦ ᐱᓕᕆᐊᖅ
- ᐃᓕᐅᖅᑐᓴᓂᒃ ᖃᐅᔨᓴᐃᖅᓯᓂᑦ
- ᓄᓇᐅᑦ ᐃᒪᖅᓱᒃ ᖃᐅᔨᓴᐃᖅᓯᓂᑦ
- ᐅᓯᖅᑕᖅᑏᑦ ᐊᖅᑯᑦᑕᓂ ᖃᐅᔨᓴᖅᑭᑦᓯᐊᖅᓯᖏᓐᓇᑦ ᐱᓕᕆᐊᖅ

- Aquatic Effects Monitoring Program (AEMP)
  - Surveillance Network Program (SNP)
  - Environmental Effects Monitoring (EEM)
  - Core Receiving Environment Monitoring Program (CREMP)
  - Lake Sedimentation Monitoring Program
  - Dustfall Monitoring Program
- Hydrometric Monitoring
- Groundwater Monitoring
- Tote Road Monitoring Program (TRMP)

ᐃᒪᖏᓐᓇᑦ ᐊᐢᑐᐃᓂᖏᓐᓄᑦ ᖃᐅᔨᓴᖅᑭᑦᓯᐊᖅᓯᖏᓐᓇᑦ ᐱᓕᕆᐊᖅ
Aquatic Effects Monitoring Program (AEMP)

- ᖃᐅᔨᓴᖅᑭᑦᓯᐊᖅᓯᖏᓐᓇᖅ ᐃᒪᖏᑎᐊᕐᓂᒃ ᑕᓯᖏᓂᒃ ᑯᓘᓂᑐ ᐊᕐᑎᒪᒧᐊᖅᑭᑦᓯᐊᕐᓂᑦ
  - ᐃᒪᖏᓐᓄᑦ ᖃᐅᔨᓴᖅᑭᓂᒃ
  - ᖃᐅᔨᓴᖅᑭᓂᒃ ᐃᖅᑲᖅᑎᓂᒃ, ᖃᑭᒋᐊᖅᑲᖅᓱᑎᑕᑦ ᐅᒪᔪᑦ ᐊᓚᒐ ᐃᖅᑲᐊᐃᑦ
- ᑎᑎᕋᐅᖏᓐᓄᓕᒪᔪᑦ ᒥᖅᑕᐅᖅᑕᐅᓕᒪᔪᑦ ᓄᓇᑎᔪᑦ, ᐊᑐᓕᐊᑦᑕᑎᒃᓴᑦ, ᐊᓚᒐ ᐅᐃᖅᑲᐅᑎᒃᑯᑦ
- ᐊᖅᑐᑕᐅᕐᒃᑐᑦ: ᐃᒪᖏᓐᓇᑦ ᖃᐅᔨᓴᖅᑭᓂᑦ, ᐅᐊᕼᓄᑦ ᐃᖅᑲᐊᑎᓕᕆᓂᑦ, ᒪᑎᑎᑕᐅᑏᑦ, ᐃᖅᑲᖅᓯᓂᒃ ᑲᑎᖅᓕᐃᔪᑏᑦ

- Monitoring freshwater lakes and streams in the receiving environment
  - Water samples
  - Studies on sediment, benthic invertebrates and fish
- Data is compared geographically, temporally, and against benchmarks
- Methods: water sampling, electrofishing, gill nets, sediment traps



ᐃᒪᖏᒍᑦ ᐊᐢᑐᐃᓂᖏᓄᑦ ᖃᐅᔨᓴᖅᓯᒋᐊᖑᑎᓂᖏᓐᓄᑦ ᐱᒋᔭᐊᖅ – ᑕᓴᖏᓂᑦ

Aquatic Effects Monitoring Program - Lakes

- ᑕᓴᖏᓂᒃ ᖃᐅᔨᓴᖏᓕᑦ ᐃᓕᓴᐅᑎᓴᒻᒪᑦ:
  - ᓄᓇᐅᑦ ᐋᖏᕿᓴᓂᖅ ᐃᓱᒪᓂᖅ
  - ᐃᒪᐅᑦ ᖃᐅᐃᑐᑐᓂᖅ ᖃᐅᔨᓴᖏᑕᐅᓕᑦ ᐃᓱᒋᓕᕆᓂᖅᑭᑦ
  - ᐃᒪᐅᑦ ᐃᓗᖏᓂᖅᑕ ᖃᐅᔨᓴᖅᑕᐅᓱᐊᑎᒃᑯᑦ

- Lake sampling includes:
  - Field parameter depth profile
  - Water quality samples at different depths
  - Secchi disk measurements

Baffinland

21

ᐃᒪᖏᒍᑦ ᐊᐢᑐᐃᓂᖏᓄᑦ ᖃᐅᔨᓴᖅᓯᒋᐊᖑᑎᓂᖏᓐᓄᑦ ᐱᒋᔭᐊᖅ – ᑕᓴᖏᓂᑦ

Aquatic Effects Monitoring Program - Lakes

- ᐅᑭᐅᒃᑯᑦ ᖃᐅᔨᓴᖏᓕᑦ ᑕᓴᖏᓂᒃ ᓯᑯᑦ ᐊᑕᓂ ᐃᓱᒋᓕᕆᓂᖅᑭᑦ
- Winter sampling at lakes under the ice at various depths

Baffinland

22

ᐃᒪᖏᒍᑦ ᐊᐢᑐᐃᓂᖏᓄᑦ ᖃᐅᔨᓴᖅᓯᑦᓭᐊᖑᕆᓇᖏᓂᖏᒍᑦ ᐱᓭᓗᐊᖅ – ᑯᖓᓂ

Aquatic Effects Monitoring Program - Streams

- ᑯᖓᓂ ᖃᐅᔨᓴᖏᑦ ᐃᓭᓭᐅᑎᓯᒪᔪᑦ ᐃᓂᐅᔪᓂᖅ ᖃᓂᒋᖏᖅᑕᓂᖅ ᐅᖓᓯᓚᐅᑦᑐᖅ ᐅᖓᖏᖅᓂᐊᖏᖅᓱᒍᑦ
- Stream sampling includes sites near and far from the mine site



Baffinland

23

ᐃᖅᑲᖏᓂᖅ ᖃᐅᔨᓴᖏᑦ
Sediment Sampling

- ᑐᑭᓯᐅᒪᑉᑦ ᐃᖅᑲᖏᓂᖅ ᖃᓄᐃᑦᓴᓂᖅᑎᓂ ᐱᖁᐅᕐᓭᐊᔪᑦ ᐱᓭᓗᐊᒥᖅ
  - ᑲᑎᖅᓯᐃᓂᖅ ᐃᓭᐅᖅᑲᐃᑉᑦ ᖃᐅᔨᓴᕈᑎᓂᖅ ᑭᓯᖏᓐᓄᑦ ᐅᖓᖏᖅᓂᐊᖏᖅᓴᐅᑉᐸ ᖃᐅᓂᖅᓴᓂᖅ
  - ᑲᑎᖅᓯᐃᓂᖅ ᐃᖅᑲᓇᖏᓐᓄᑦ ᖃᐅᔨᓴᕈᑎᓂᖅ
- Understand rates of sediment deposition from the Project
  - Collect and deploy sample containers on the lake bed near the mine
  - Collect sediment core samples


Baffinland

24

ᖃᐅᔨᓴᓗᓂ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᓯᐊᑎᓄᓂ ᐱᓕᕆᐊᖅ
Surveillance Network Program (SNP)

- ᐃᒪᐅᕼ ᖃᑲᖏᑐᑦ ᖃᐅᔨᓴᐃᓐᓇᖅᕼᑦᓕᐊᓂᖅ ᑯᓐᑦ ᐅᓴᖃᓐᓂᐊᖃᓐᖏᓐᒧᓐᓄᑦᓕᕆᓂ
- ᐃᒪᐅᕼ ᖃᓄᐃᑦᑐᓂᓐᓚ ᖃᐅᔨᓴᐃᓐᓇᖅᕼᑦᓕᐊᓂᖅ ᑕᓯᖃᓂ ᐊᑐᖃᐅᑕᐅᔨᓐᓇᓂᑐᓂ

- Surface water monitoring in streams adjacent to site
- Water quality monitoring from pond discharges

25

ᓄᓇᓕᖅᓂ ᐃᓕᓴᐅᑎᑦᑎᓂᑦ
Community Engagement

- ᐃᓕᐅᑎᑦᑎᓂᑦ ᑲᒪᒋᐅᔨᕐᓂ ᐃᓄᖅᓄᑦ ᓯᕗᓕᐅᖅᑎᓂᒃ
- ᐅᖅᑲᖅᑎᒋᔭᖅᓂᖅ ᓄᓯᕈᓂ ᐱᓕᕆᐊᖅ ᒥᒃᓴᓄᑦ ᐃᓄᒃᑎᑦ ᖃᒃᓴᓄᑦᓯᓗ, ᒪᓕᒃᓯᑎᑦ ᐃᒃᐱᒋᑦᑎᐊᖅᓯᓕᒋᑦᓯᓗ ᐃᓄᐃᑦ ᐅᖅᑲᐅᓱᒃᑯᑦ ᐱᖅᑯᓱᖅᑎᑦ
- ᑲᔪᓯᔭᖅᑐᒃᑯᑦ ᐃᓕᓴᐅᑎᑦᑎᓂᑦ ᑐᖏᓚᖅᑲᖅᑐᓂᒃ ᓄᓯᕈᓂ ᐱᓕᕆᐊᖅ
- ᐃᓄᐃᑦ ᖃᐅᔨᒪᓕᑐᐊᑲᖅᓱᑦ
- Engagement carried out by Inuit-led team
- Communication about Mary River Project in Inuktitut and English, following and respecting Inuit oral traditions
- Ongoing engagement regarding on the Mary River Project
- Inuit knowledge

26

ᐱᔨᓗᐊᑐᔪᓂᖅ ᑐᓂᔨᐅᔪᓂ
TECHNICAL SUBMISSIONS

Baffinland

ᖃᐳᖅᑕᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᑦᑎᓂᖅ
Qikiqtani Inuit Association

38 ᐱᔨᓗᐊᑐᔪᓂ ᐅᖅᑲᐅᔪᒃᓴᖅ

38 technical comments

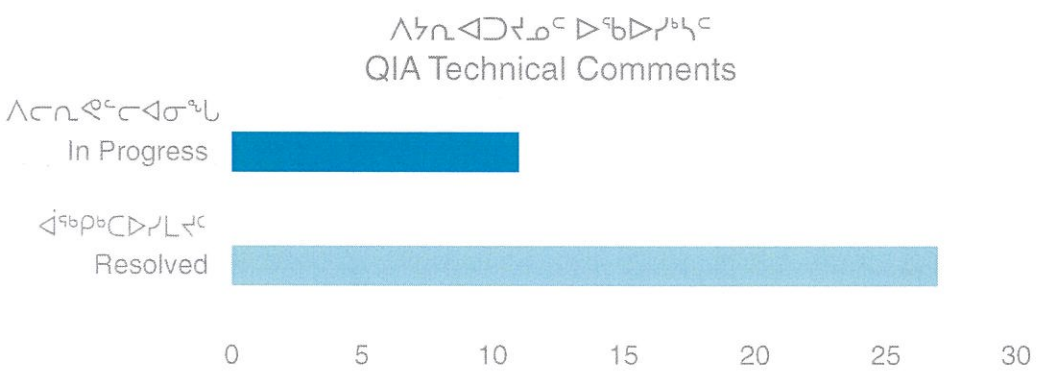
- ᐅᖅᑲᐅᔪᓪᓗᐊᑕᐃᑦ:
  - ᐃᒪᖏᓕ ᖅᑲᐅᔨᓴᐃᓐᓇᖅᑐᓪᓚᐊᓂᔪᓕᑦ ᖅᑲᐅᔨᓴᖅᑕᐅᔪᓴᐅᓂᖅ
  - ᐊᑦᕈᑎᐊᖅᓴᖅᑲᐃᓐᓇᖅᑐᓂᒃ ᐊᐅᓪᓕᑎᓂᖅ
  - ᐊᐅᓪᓂᖅᔪᓕ ᐸᖅᓇᐅᑦᑎᓂ
  - ᖅᑲᐅᔨᓴᐃᖅᑐᓪᓚᐊᖅᓯᓂᖅᓇᖅᓂᖅᔪᓕ ᐱᓪᓗᐊᑦ ᐊᓯᒪᓗ ᐃᓂᓪᓂ
  - ᖅᑲᐅᔨᓴᕈᑎᓄᑦ ᐃᓕᓴᐃᓚᑕᐅᑐᐃᓐᓇᓗᐊᓪᓂ ᐊᑦᔨᑎᖅᓂᑐᑐᓂ
  - ᐃᖅᑲᑲᓂᒃ ᐊᓯᒪᓗ ᓄᖅᐸᓪᓂᒪᐊᔪᓂᒃ ᐊᐅᓪᓂᔨᕆᑎᓂ
  - ᐊᒃᑐᐃᔨᔪᑎᐅᑐᐃᓐᓇᓗᐊᓪᓕᓂ ᐃᒪᖏᑕᐅᓄᑦ ᓇᔨᖅᑕᐅᐅᒃᑐᑐᓂ
  - ᐅᔨᕋᐃᑦ ᐊᑐᖅᑕᐅᑦᔨᖅᓂᑐᑐᓂ ᐃᓗᓪᓕᔨᔪᑎᖅᓂᖅ
  - ᐃᓄᐃᑦ ᑐᕆᓱᒃᖏᖅᓂᖅ, ᓇᓗᓇᐃᒃᔨᔪᑎᖅᓂᖅ, ᑭᓚᓪᔪᓂᐊᖅᑎᓂᖅ ᐊᓯᒪᓗ ᑭᐅᔨᔪᑎᖅᓂᖅ
  - ᐃᓄᐃᑦ ᖅᑲᐅᔪᓴᕐᑐᖅᓂᖅ ᐊᓯᒪᓗ ᐃᓄᖅᓂᓂ ᐃᓕᓴᐅᑎᑎᑎᓄᓂ
- Key topics:
  - Aquatic monitoring data
  - Adaptive Management
  - Management plans
  - Monitoring programs and locations
  - Steensby components
  - Parameters of Potential Concern levels
  - Sediment and erosion control
  - Potential effects on aquatic habitat
  - Waste Rock Facility
  - Inuit Objectives, Indicators, Thresholds and Responses
  - Inuit Qaujimajatuqangit and Inuit engagement

Baffinland

ᖁᑭᖅᑕᓂ ᐃᓄᐃᑦ ᑲᑐᔾᕆᖅᑎᑦᓯᒪᓂ
Qikiqtani Inuit Association

38 ᐱᔾᕆᐊᑐᔪᑦ ᐅᖃᐅᓯᒃᓴᑦ

38 technical comments



Baffinland

29

ᑯᐃᓐᒧᑦ–ᓄᓇᖃᖅᑲᖃᓯᒪᔪᓕᕆᓂᕆᔨᒃᑯᑦ ᐊᓚᒐᓗ ᐅᑭᐅᖅᑕᖅᑐᑕᕆᓂᕆᔨᒃᑯᑦ ᑲᓇᑕᒥ
Crown-Indigenous Relations and Northern Affairs

Crown-Indigenous Relations and Northern Affairs Canada
Relations Couronne-Autochtones et Affaires du Nord Canada

37 ᐱᔾᕆᐊᑐᔪᑦ ᐅᖃᐅᓯᒃᓴᑦ

37 technical comments

- ᐅᖃᐅᓯᓪᓗᐊᑕᐃᑦ
  - ᐊᐅᓚᓄᑦ ᖃᐅᔨᓴᐃᖅᓇᖃᓂᒍᓪᓗᑦ ᑭᖇᐅᑎᑦ
  - ᐳᔪᕐᕋᓂᒃ ᖃᐅᔨᓴᐃᖅᓇᖃᓂᖅ
  - ᐃᒪᖃᒍᑦ ᖃᐅᔨᓴᐃᖅᓇᖃᓂᖅ ᐊᓕᒪ ᖃᐅᔨᓴᕐᕕᑦ
  - ᓄᓇᐅᐸ ᖃᓗᓴᓂᒃ ᐃᒪᖃᑦ ᐊᐅᓚᑦᑎᓂᖅ
  - ᐃᒪᐅᐸ ᓇᓚᒍᑕᐅᓂᖅᓴᓄᑦ ᐅᐸᑐᕐᕈᑎᑦ
  - ᐅᓴᕐᕌᑦ ᐊᑐᖅᑕᐅᓵᖓᑦᑐᑦ ᐃᓗᓐᓂᒃᑯᓂᖅ ᐅᓇᓂᓗᓄᓂᒃ ᐅᓇᓂᓴᓄᑦ ᐅᐸᑐᑎᓚᐅᕐᓂᑦ
  - ᐃᒪᐅᐸ ᖃᓄᓇᑐᓵᖓᓴᓄᑦ ᑎᑎᕋᐊᖓᓴᖅᓯᒪᔪᑦ
  - ᒪᑐᓚᐅᖃᓴᓯᒪᔪᑦ ᐊᑐᖅᑕᐅᖃᓄᖅᓯᓪᓚᖅᑐᑐᓗ ᑭᖇᐅᑎᑦ
  - ᐅᓴᕐᓂᓂᐊᕐᓇᖅᑎᒃ ᖃᓄᓴᓕᓂᓕᕆᓂᑦ
  - ᐅᓴᕐᓂᓂᐊᑭᑎᓄᑦ ᐊᑐᖅᑐᐊᑭᑦ ᓚᐃᓴᓐᓂᑦ
  - ᐊᖅᓄᑦ ᖃᓂᐊᖏᑎᓪᓗᑦ
  - ᐃᒪᓐᓄᑦ ᑲᑕᐅᓴᑦ
  - ᐃᒪᖅᑎᒃ ᐊᐅᓚᑦᑎᓂᓪᓗᑦ ᐊᖃᑭᓴᓪᓚᕐᓂᑦ

- Key topics:
  - Management and monitoring plans
  - Dustfall monitoring
  - Water monitoring and sampling locations
  - Surface water management
  - Water balance model
  - Waste Rock Facility thermal modelling
  - Water quality data
  - Interim Closure and Reclamation Plan
  - Mine schedule
  - Mineral lease licences
  - Water intake facilities
  - Ice roads
  - Water storage tanks
  - Water management design

Baffinland

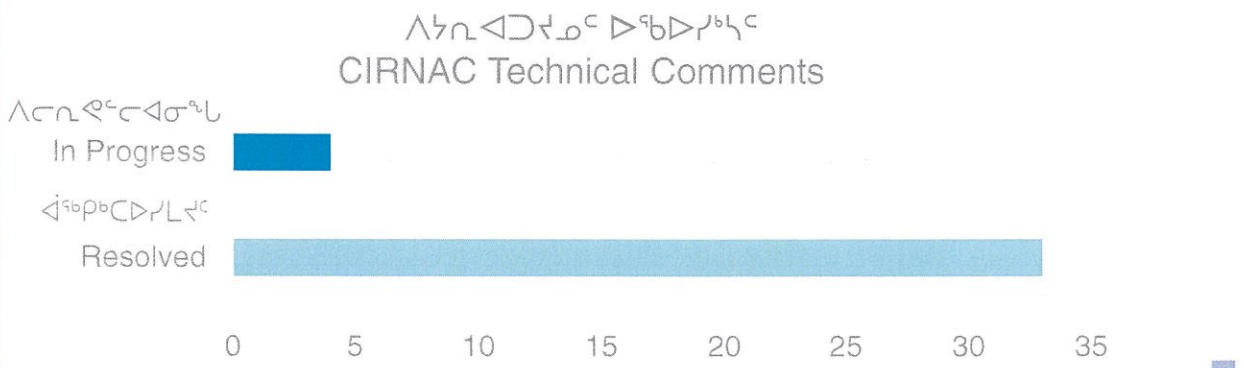
30

ᑯᐃᓐᒧᑦ–ᓄᓇᖃᖅᑲᖅᓱᒪᔨᓕᕆᔨᓴᕐᑯᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᓕᕆᔨᓴᕐᑯᑦ ᑲᓇᑕᒥ Crown-Indigenous Relations and Northern Affairs

Crown-Indigenous Relations and Northern Affairs Canada
Relations Couronne-Autochtones et Affaires du Nord Canada

37 ᐱᔪᓀᐊᑐᔨᑦ ᐅᖃᐅᔨᓴᖅᓯᒪᔪᑦ

37 technical comments



Baffinland

31

ᐊᐢᑎᓕᓀᓂᕆᑦ ᐊᒻᒪ ᔨᓕᒥ ᐊᔨᔪᖅᐸᑦᓕᐊᓂᓪᓗᑦ ᑲᓇᑕᒋᑦᑯᑦ Environment and Climate Change Canada

Environment and Climate Change Canada
Environnement et Changement climatique Canada

11 ᐱᔪᓀᐊᑐᔨᑦ ᐅᖃᐅᔨᓴᖅᓯᒪᔪᑦ

11 technical comments

- ᐅᖃᐅᔨᓯᑦᓗᐊᑕᐃᓪᓕ:
  - ᐃᖃᓗᖃᓂᓴ ᐊᒻᒪᓗ ᓄᖕᔪᐸᑦᓕᐊᔨᓂᓴ ᐊᐅᓚᓵᔨᑎᑦ
  - ᐊᐅᓚᓂᓪᓗᑦ ᐸᖃᓇᐅᑎᑦ
  - ᐊᓴᑐᐃᓵᔨᑎᐅᔨᑦ ᐃᒪᒃᐅᑦ ᐊᐢᑎᖕᒪᓂᓴ
  - ᐊᑐᖃᑕᐅᔨᓐᓂᖃᑐᑦ ᐱᓵᖃᑕᐅᓵᕆᐊᓕᑦ
  - ᖃᓄᐅᓵᖃᑦᓕᕆᐊᖕᓇᖃᓂᓪᓗᑦ ᐃᓂᑦ

- Key topics:
  - Sediment and erosion control
  - Management plans
  - Effects to aquatic environment
  - Discharge criteria
  - Monitoring locations

Baffinland

32

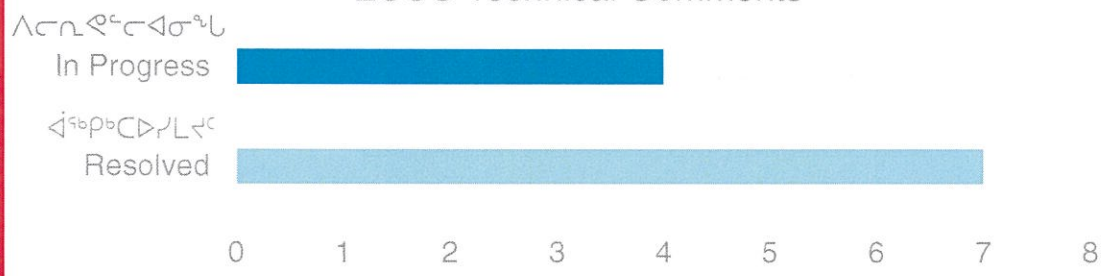
ᐊᕐᑎᓕᓴᖅᑎᑦ ᐊᓪᓚ ᓯᓚᒥ ᐊᓯᔾᔨᖅᓯᒪᓕᐊᓂᖅᓴᓕᑦ ᑲᓇᑕᒫᑦ
Environment and Climate Change Canada

Environment and Climate Change Canada
Environnement et Changement climatique Canada

11 ᐱᔾᓕᐊᑐᑦ ᐅᖃᐅᓯᕐᓂᖅ

11 technical comments

ᐱᔾᓕᐊᑐᓵᓄᑦ ᐅᖃᐅᓯᕐᓂᖅ
ECCC Technical Comments



Baffinland

33

ᐃᒪᖏᑕᑕᓕᕆᓂᖅ ᑲᓇᑕᒥ
Fisheries and Oceans Canada

Fisheries and Oceans Canada

Pêches et Océans Canada

2 ᐱᔾᓕᐊᑐᑦ ᐅᖃᐅᓯᕐᓂᖅ

2 technical comments

- ᐅᖃᐅᓯᓪᓗᐊᑕᐃᑦ:
  - ᐊᓐᑐᐃᔾᔨᑐᑦ ᐃᒪᐅᑦ ᐊᕐᕌᖏᓚᓄᑦ
  - ᐃᖅᑲᖅᓂᓐᓄ ᐊᓪᒪᓗ ᓄᖏᓱᑦᑕᓕᐊᓂᓐᓄ ᐊᐅᓪᓚᔨᓱᑎᑦ

- Key topics:
  - Impacts to aquatic environment
  - Sediment and erosion control

Baffinland

34

ᐃᒪᖏᐅᑕᓚᓱᖅᑯᑦ ᑲᓇᑕᒥ
Fisheries and Oceans Canada

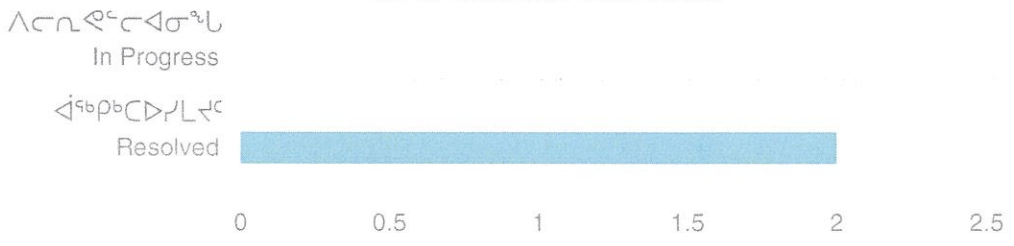
Fisheries and Oceans Canada

Pêches et Océans Canada

2 ᐱᔨᓚᐊᑐᔪᑦ ᐅᖃᐅᓯᖅᓴᑦ

2 technical comments

ᐱᔨᓚᐊᑐᔪᓄᑦ ᐅᖃᐅᓯᖅᓴᑦ
DFO Technical Comments

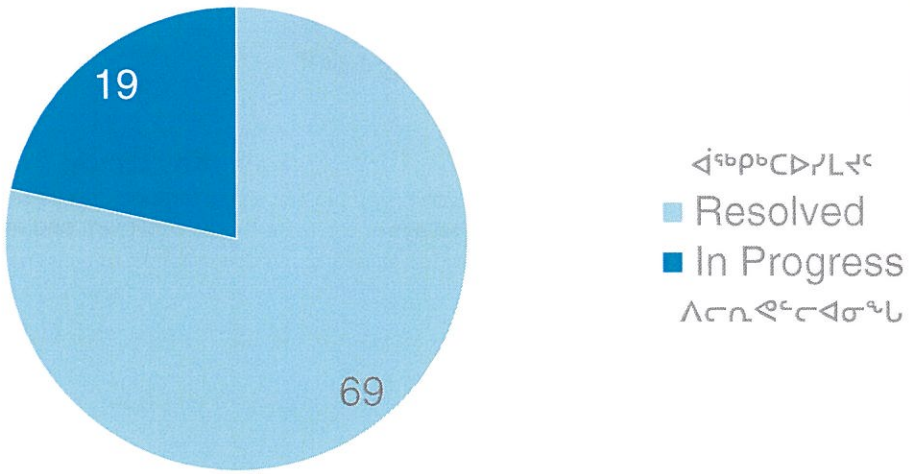


Baffinland

35

ᐱᔨᓚᐊᑐᔪᓄᑦ ᐅᖃᐅᓯᖅᓴᑦ ᓇᐃᓐᖏᓪᓗᔪᖅ
Technical Comment Summary

ᐅᖃᐅᓯᖅᓴᑦ - ᐱᓕᕆᔨᓕᐊᓂᖓᓄᑦ Comments – In Progress
CIRNAC R-04
CIRNAC R-08
CIRNAC R-11
CIRNAC R-16
ECCC #1
ECCC #2
ECCC #3
ECCC #4
QIA-TR-1
QIA-TR-2
QIA-TR-5
QIA-TR-6
QIA-TR-7
QIA-TR-9
QIA-TR-11
QIA-TR-14
QIA-TR-15
QIA-TR-16
QIA-TR-17



Baffinland

36

ᐱᓂᐊᖅᓂᒃ

- 25 ᐱᓂᐊᖅᓂᖅᑭᑦ ᐊᑲᕆᑲᑕᐅᓯᒪᔪᑦ ᑭᐅᓴᒋᑕᐅᓇᓯᐊᖅᓗᑎᒃ ᐅᖅᑲᓯᕐᒪᖅᓂᒃ ᐊᑲᐅᓴᕐᑲᖅᑎᓂᑎᓇᓯᐊᖅᑎᓂᓕ ᐃᓕᑎᓴᐅᓪᓗᑎᒃ ᐱᓴᓇᐊᑐᓴᑎᔪᑦ ᑲᑎᒪᓂᖅᓂ.
  - ᐱᓂᐊᖅᓂᖅᑭᑦ ᑎᑎᖅᑲᑕᐅᓯᒪᓴᑦ ᐅᐃᔪᖅ ᑭ ᑕᐃᑲᓂ ᓄᓇᕆᐅᒪᓴᑦ ᑲᑎᒪᓴᖅᑭᑦ ᐋᓚᑕᓚᐅᖅᑐᓇᑕᑦ ᑲᑎᒪᓂᖅᑎᑭᓂᓂ ᐅᓂᐲᑲᖅ.
- ᐅᖅᑲᖅᑎᑭᖅᑭᓴᓂᐅᓇᖅᓂᐲᑦ ᐊᑲᐅᓴᒋᑲᖅᑎᖅᑎᓇᓯᐊᖅᑎᓄᑦ, ᐸᐢᓴᓪᓚᐢᑦ ᑐᐳᓯᖅᑐᑦ ᐱᓂᐊᖅᓂᖅᑭᑦᑎᐲᓂᖅᓂᐲ.
  - 3 ᓄᑦ ᐱᓂᐊᖅᓂᖅᑭᑦ ᑐᓂᖅᐅᓪᒪᐅᖅᑐᑦ ᐃᐢᔅᐉᐊᓗ 21, 2025-ᒥ ᐃᓪᓕᑎᖅᐅᓪᓗᓂ ᑭᐅᔪᑎᓄᑦ ᑭᖓᔪᓪᓕᖅᐸᒃ ᑐᓂᓯᓂᒧᑦ
    - QIA-TR-1: ᒪᓪᑕᐅᖅᓗᐊᓪᓕᑦ ᐊᑕᐅᓯᐊᖅᓄᑎᒃ ᑎᑎᖅᑲᖅ ᐱᓵᓯᑎᑎᓪᓕᔭᒍ ᓇᓪᐊᓪᓕᔪᑦ ᐃᒪᓕᒥᐅᑦ ᖃᐅᔨᖅᑕᓪᓕᐊᖅᑐᓇᓯᓂᒧᑦ ᑐᓴᐅᒪᓵᓯᑦ ᑐᓴᐅᒪᔪᑦ ᖃᑭᑦᑐᓂ ᑲᑎᒪᓂᖅᑎᑭᓂᓂ.
    - QIA-TR-24: ᐸᐢᓴᓪᓚᐢᑦ ᑲᑐᔨᖅᑲᑎᖅᑎᓄᑦ ᖃᑭᑦᑐᓂ ᐃᓄᐃᑦ ᑲᑐᔨᖅᑲᑎᑭᓂᒃ ᐃᓪᓕᓪᑕᐅᔨᓚᑎᒃ ᖃᑭᑦᑐᓂᖅᑕᓂ ᐃᓄᐃᑦ ᑲᑐᔨᖅᑲᑎᑭᑎᓂᓂᒃ-ᐊᐅᓪᓚᑕᐅᔪᓂᒃ ᖃᑭᐅᔨᕐᓚᑎᒃ ᑲᑎᑕᐅᔪᓂᒃ ᐊᐅᓪᓚᑎᓂᓯᒧᑦ ᐸᖅᓇᐅᑎᓄᑦ.
    - ᑯᐃᓐᒧᑦ–ᓄᓇᖅᑲᖅᑲᖅᓯᒪᔪᓪᓚᔭᒃᑯᑦ ᐊᓵᒪᓗ.ᐅᑭᐅᖅᑕᖅᑐᑐᓪᓚᔭᒃᑯᑦ ᑲᓇᑕᑦ (CIRNAC)-04: ᐸᐢᓴᓪᓚᐢᑦ ᖃᑎᖅᑭᓂᓯᑲᖅᑐᓂᖅᑲᑦᑐᑦ ᖃᓄᐃᓕᖅᑐᑎᒃᓴᓪᓗᒍ ᐊᓵᒪ ᐊᖅᑐᐊᔪᑦ ᖃᑲᑎᓕᖅᑐᑎᓄᑦ ᐱᓪᓚᐊᓄᑦ.
- ᐱᖅᓯᐅᖅᓴᐅᓯᒪᔪᑦ ᐱᓂᐊᖅᓂᖅᑭᑦᑎᓄᑦ ᑎᑎᖅᑲᓯᒪᔪᓂ.

Commitments

- 25 commitments were made in response to comments from interveners as part of the technical meetings
  - Commitments listed in Appendix D of the NWB Pre-Hearing Conference Decision Report
- Through ongoing discussions with interveners, Baffinland proposes additional commitments
  - 3 new commitments submitted on February 21, 2025 as part of responses to Final Submissions
    - QIA-TR-1: Provision of one-time memorandum regarding specific aquatic monitoring information requested by QIA
    - QIA-TR-24: Baffinland will collaborate with QIA to incorporate the outcomes of QIA-led data collection into relevant management plans
    - CIRNAC-04: Baffinland to conduct a review of dustfall data and the associated monitoring program
  - Included in the commitments table

ᑕᐅᕐᑐᖅᑎᑦ – ᐊᐅᓪᓚᕐᓂᔨᓂᓄᑦ ᐱᖁᐅᑎᑦ
Key Themes – Management Plans

39

ᐃᵇᐱᑭᑐᖁᕐᔪᓂᖅᖠᖅᓯᖅ
Steensby Component

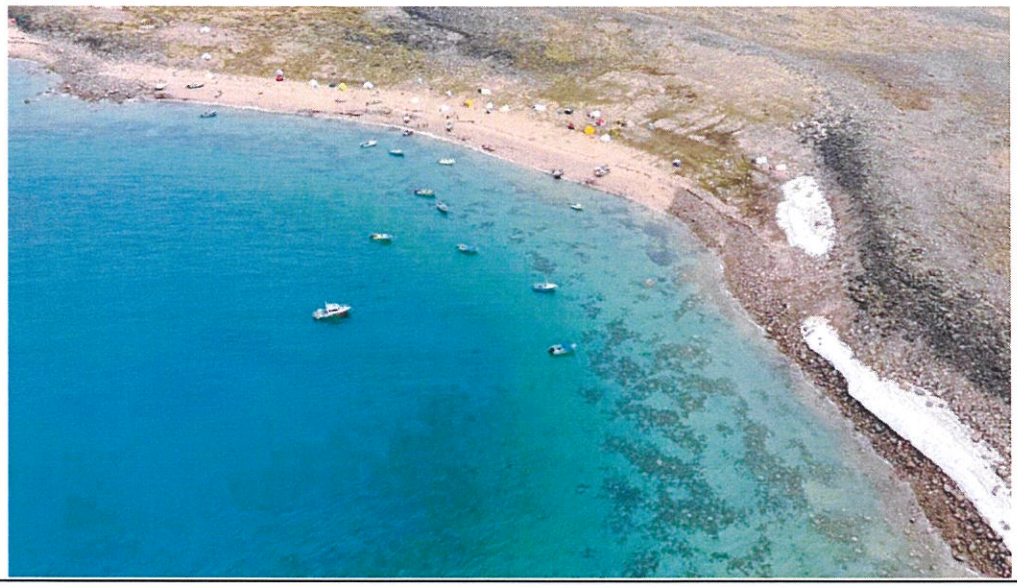
40

ᓄᖅᓯᕕᓂᓪᓕᐊᔪᓂᒃ ᐊᒻᒪᓗ ᐃᖃᓗᖏᓂᒃ ᐊᐅᓚᔪᐃᓐᓇᓕ
Erosion and Sediment Control

Baffinland

41

ᐃᓄᐃᑦ ᖃᐅᔨᒪᔪᖏᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᐃᒪᓐᓄᑦ ᐱᔪᓐᓇᐅᑎᓕᓐᓂᑦ
Inuit Knowledge and Inuit Water Rights



Baffinland

42

ᐊᖏᖅᔪᒋᒪᖅᓂᐅᑎᓄᓐᓄᑦ ᐊᑦᑕᖏᖅᓇᖅᑕᐃᓕᓚᐅᔨᐸᑎᓄᓐᓄᑦ ᖃᑭᒥᖏᕐᓂᓕᑦ
Annual Security Review

Baffinland

43

ᐃᓱᓕᓂᒃ
CONCLUSION

Baffinland

44

Baffinland

ᖃᐅᔨᓪᓚᑦᑐᖅ

THANK YOU

NORTHERN HEAD OFFICE

611 ᐊᒻᒪᓗ ᐃᖅᑲᓇᐅᑦ ᐊᑕᓪᓕ, ᓄᓇᕗᑦ
101 ᐃᖅᓗᓵᓂᖅ, ᓄᓇᕗᑦ X0A 3H0

611 Queen Elizabeth Way, Suite 101,
Iqaluit, NU X0A 3H0

CORPORATE OFFICE

360 Oakville Place Drive, Suite 300,
Oakville, Ontario, Canada, L6H 6K8
Tel: 1.416.364.8820