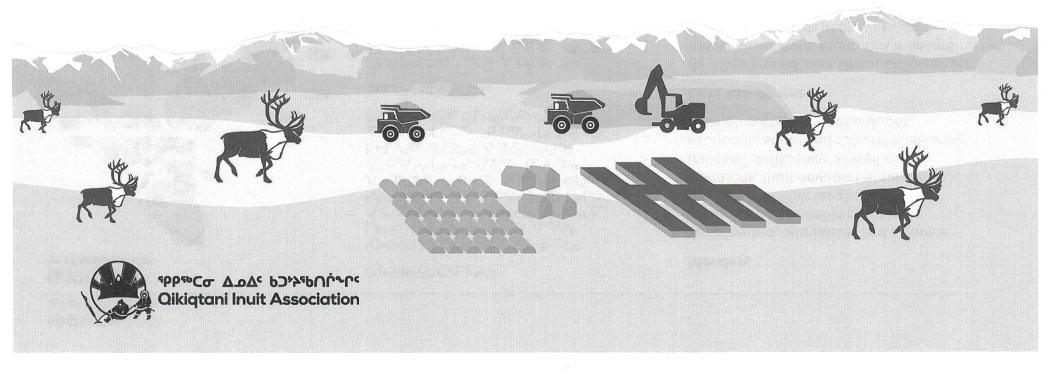


⊅σ≫Γ ΔLανεία βημεία βημεί

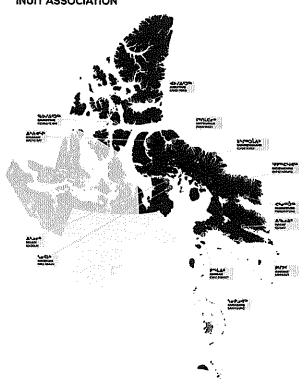
Nunavut Water Board Public Hearing

Baffinland Iron Mines Corporation
Application for Renewal Water
Licence No: 2AM-MRY1325



የኮኮኖኮር ልቃልና የጋንትያየሀኒታኒና





Γ

ᠴᡆ᠋᠋ᠮ᠅ᢂᠺᡄ᠙ᡴᢆᢣᡕ

ΔΦQι <u>\</u> \4,σδ∪_ει \σ\αιφ_ει.¬

Mandate

To safeguard, administer and advance the rights and benefits of Inuit, to promote the Inuit language and traditions, Inuit environmental values, Inuit self-sufficiency, as well as economic, social and cultural well-being through succeeding generations.

Land Management

As a Designated Inuit Organization under the *Nunavut Agreement*, QIA manages Inuit Owned Lands in the Qikiqtani Region including the Project area.

Inuit Rights and Interests

QIA represents over 14,000 Inuit in the Qikiqtani Region

380° \range \range \cong \range

- 23 ፭ናϧρ√L^e∿ቦናጋና
- Ċ゚daa Þơ゚baơ¹C৯¹Cβ¹ Ͻά³ԽJơ¹Ͻ¹
 ΔċĹၨၨၣၨℴ ϤჼႼ(CÞċLº∿Ր¹Ͻჲ¹ ძႠ ϤჼL
 ϷʹቴϷϟʹቴቫኒԻʹ϶Ϲ ΛϽΔ°αϷʹϒΓʹϽσ¹
 ϷʹቴϷϟʹϞϽዮϭϭ ϤϟʹαʹϒͰͿΔͼ
- Δ.Δ°αΠ΄ ΔΑΪ.ΔΠ΄ α.ΔαΔίλΓουΓΟ΄ Σσοβίησ.

38 Technical Comments

- 16 resolved
- 22 unresolved
- This presentation focuses mainly on unresolved concerns and includes references to specific comments where possible.
- Not all comments will be referenced in this presentation.

Status of Technical Concerns

Ͻʹϯʹ·ͿͻʹϒʹʹͿʹϒʹʹϒʹʹ

- LC°σ% 4%ΠΓ %ΑΑΤΥ ΣΠΥ ΓΥΝΝΑΡΕΙΝΟΙΟ
 - 6 460544CD \(\text{C} \) \(\text{C}
 - ጋየረሃው
 ሷያት ነው
- - ΔΑΪΔΟΝ
 ΔΑΙΔΟΝ
 ΔΑΙΔΟΝ
- - 4%PLA(CD>UK CYPK Light)
 4%PLA(CD) A(CD) A(CD)

Focus areas (some areas overlap):

- Compliance with Environmental Assessment predictions
 - Compare monitoring results with what was predicted before start of Project.
 - o Comparison will tell what needs to be changed.
- Adaptive management
 - Main concern: influence of repeated periodic pulses of total suspended solids, which increases stress on aquatic organisms
- Monitoring, including monitoring for baseline conditions
 - Revise lake sediment sampling to better see how natural and Project activities change metal concentrations in lake sediment.
 - collecting freshwater hydrology information at Steensby that would be sufficient

יף אלרע אריסייטים אלרבליע איס ארים אלרבליע איס פריטי Status of Technical Concerns

Ͻʹናኄ-): (∆∟_⁰ዮ፡ C>·Ćʻ⊃ʻ):

- בריץ שלשלינו שפחרי יש אליטחי ריג שלאליט הי
 - ΔΦΕΡΥΙΚ΄ 16ΡΑΥΙΟΡΙΘ΄ ΤΟ ΑΘΟΓΟ ΑΘΕΡΙΑΙΚΑ
 ΔΑΕΡΑΙΚΑ 16 ΑΘΕΡΙΑΙΚΑ
 ΔΕΡΑΙΚΑ 16 ΑΘΕΡΑΙΚΑ 16 Α
 - ጋዖረታው
 ፈላንትው
 ፈላንትሲ ፈፃን፤ ነር.
- - Φ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ
 Δ

Focus areas (some areas overlap):

- Compliance with Environmental Assessment predictions
 - Compare monitoring results with what was predicted before start of Project.
 - o Comparison will tell what needs to be changed.
- · Adaptive management
 - Main concern: influence of repeated periodic pulses of total suspended solids, which increases stress on aquatic organisms
- Monitoring, including monitoring for baseline conditions
 - Revise lake sediment sampling to better see how natural and Project activities change metal concentrations in lake sediment.
 - collecting freshwater hydrology information at Steensby that would be sufficient

ᡃᡉ᠌᠌᠘᠆ᢞᠾ᠋᠆᠘ᢣᡎᠸ᠉ᡶᢇ᠘᠘ᠮᢇ᠘ᢣᢙ᠙

Status of Technical Concerns

- ΔΓ٬Π

 ΔΓ٬Π

 ΔΡ΄

 ΔΡ΄
 - ΔλΈΔΙΕς ٬σί
 δ>٬, Υδι
 Και
 Και

 - ΔλΓΤΓ Δροσορία
 γατίρεις CLT1 dic βρασία
- Δ_ΔΔ^c Δ_C>∩C>σ^cΓ^c
- Δυρί το βρίση το

- Impacts on water quality
 - Concern about elevated concentrations of arsenic, copper, iron, manganese, and phosphorus in Camp Lake
 - Concern about poor performance of KM105 Pond.
 - Concern there may be impacts from Project on CLT1 tributary.
- Inuit engagement
- Incorporation of Inuit Qaujimajatuqangit and Inuit Qaujimaningit

ΔοΔς ΦρελεροςInuit Stewardship Program

Δρας τρρης ΤουςΔρας τρρης ΤουςΔρας τρρηςΔρας τρρης</

ΦΡΥΡΌΝΟΝ
 ΦΡΥΡΟΝΑΤΟΝ
 ΦΕΙΡΟΝΑΤΟΝ
 ΦΕΙΡΟΝΑΤΟΝ

The Inuit Stewardship Program is an Inuit-led and community-based monitoring program.

The program enables Inuit to evaluate how the project interacts with the surrounding environment.

The program includes a feedback loop to enable Baffinland to review reports and implement project improvements to address concerns.

ΔΔΔς Φρελερος (ρελες) Inuit Stewardship Program (Cont'd)

ΔΡ
 ΔΡ
 ΔΡ
 ΔΡ
 ΔΡ
 ΔΡ
 ΔΡ
 ΔΡ
 ΔΕ
 <li

「PP™Cσ™σ ΔΔΔ ΔΦΔ ΔΦΥ™Ο™ Π ΔΦΔ ΔΦΔ ΔΦΥ™Ο Π ΔΦΔ ΔΦΔ ΔΦΥ™Ο Π ΔΨΑΝΟ ΔΦΥΝΟ ΔΦΥΝΟ ΔΨΑΝΟ ΔΨΑΝΟ ΔΨΑΝΟ ΔΨΑΝΟ ΔΨΑΝΟ ΔΨΑΝΟ ΔΨΑΝΟ ΔΨΑΝΟ ΔΦΑΝΟ ΔΨΑΝΟ ΔΦΑΝΟ Δ

The program was envisioned to be funded by Baffinland, administered by QIA, and overseen by an independent Inuit oversight committee (Inuit Avatimut Kamattiarnimut Katimajajiit).

The oversight committee consists of members from the seven impacted communities of Mittimatalik, Arctic Bay, Sanirajak, Igloolik, Clyde River, Kimmirut, and Kinngait.

QIA's ISP administration team successfully completed 5 programs in 2024/25 and is preparing to release study reports on March 31, 2025.

ΔοΔ^c Φρ^cγ^s^b)^c ベ^LL Cγρ< ΔL[®]U Inuit Stewardship Program and Freshwater

- >ζ'¬Γ' ÞLζ'σ'¬ αρ'ζ'")σ'":
 ρρομομάς βρασινός βρασινός βρασινός βρασινός Δρ'ς Αλογονορομος σ'ς, δ'ς, δ'ς συνασινός βρασινός βρασινός
- Learn Town
 Learn Town

 <u>J\%C%' (J\%C%') 'bD\\%CF</u>
 <u>'bP'L</u>
 'bP'L
 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

 'bP'L

The Inuit Stewardship Program has multiple programs relating to freshwater, including but not limited to:

Programs Completed in 2024-25

- Dust & Wildlife Monitoring Program: Understanding the interaction between mine dust and water, including lakes, rivers, snow and ice.
- Pond Inlet Freshwater IQ Study: Understanding Inuit
 Qaujimajatuqangit as it relates to freshwater values and impacts from the perspective of Mittimatalingmiut;

Programs Proposed for 2025/26

 Tusaqtavut (What We Heard) studies in Kimmirut and Kinngait: Develop a fulsome understanding of Inuit culture, resource and land use surrounding the project





info@qia.ca

% (867) 975-8400

www.qia.ca

(f) Qikiqtani Inuit Assoc.

2 @Qikiqtani_Inuit

@Qikiqtani_Inuit

Qikiqtani Inuit Association