

Mary River Project

ፌዴራል ዲሞክራሲያዊ ሪፐብሊክ ኢትዮጵያ

Baffinland Iron Ore Mines

ᐱᐅᐅᐅ ᐱᐅᐅᐅ ᐱᐅᐅᐅ

Nunavut Water Board

መጀመሪያ ልዩ ስራዎችን በጥሩ ሁኔታ

Technical Meeting and Pre-hearing Conference

ᐃᓗᑦᓯᑦᓂᑦ ᑲᑲᓚᐅᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦ ᐃᓗᓗ ᐃᓂᑦᓚᑦᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦ ᑲᑲᓚᑦᓯᑦᓂᑦ

Pond Inlet, Nunavut

Γ^cΠΛC^b, $\mathcal{M} \triangleright^c$

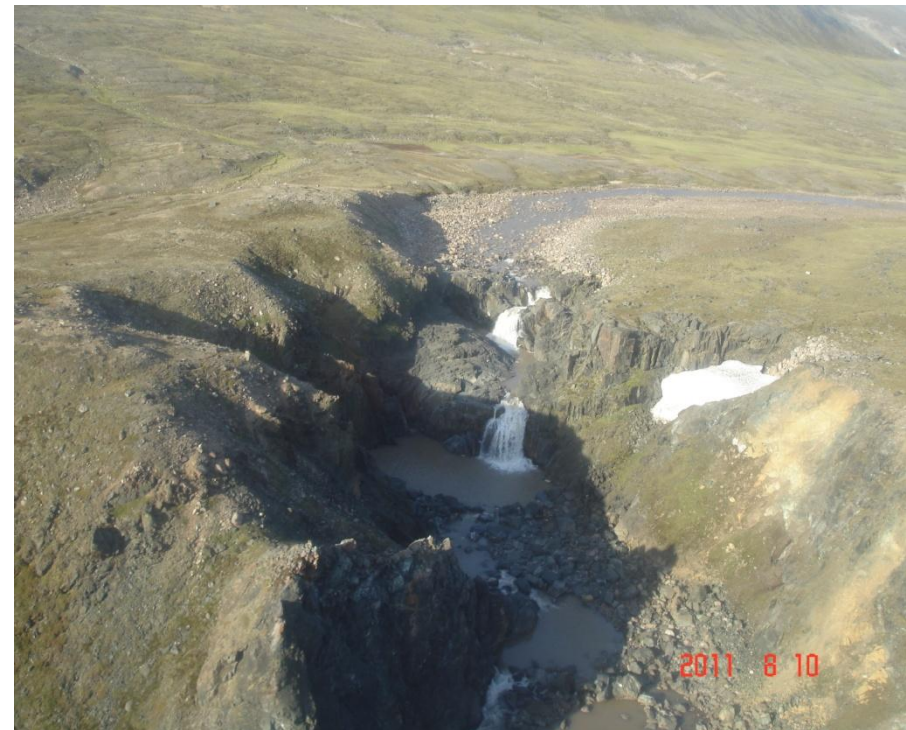
January 16-17, 2013

16-17, 2013

Overview

Сделано в Китае

1. DFO Mandate and Legislation
ᐃᓚᑦᑭᐅᑕᓕᓴᐅᑦ ᑐᑖᓴᑦᑦᑕ ᐃᓴᓚᑐ ᐱᑦᑭᐅᑕᑕ
2. Technical Review Comments and Recommendations
ᐃᑐᓕᑦᑦᑕᑦᑦᑦ ᑦᑭᑭᑦᑕᑦᑦ ᐅᑦᑭᐅᑦᑭᐃᓕᑐ
ᐃᓴᓚᑐ ᐃᑐᓕᑦᑭᐅᑦᑕ
3. Summary and Conclusions
ᑭᐃᑦᑕᑦᑕᑦᑕᑦᑕ ᐃᓴᓚᑐ ᑭᑦᑕᓕᑦᑕᑦᑕᑦᑕ





Mandate and Responsibility

ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂ ᐱᓕᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ

- Responsible for seacoast and inland fisheries, specifically for the management and protection of fish, marine mammals and their habitat.

ᐱᓕᓐᓂᐅᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂ ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ
ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ, ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂ ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ
ᐃᓕᓐᓂᐅᓐᓂ, ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂ ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ.

- DFO is responsible for the administration and enforcement of the Federal *Fisheries Act* and *Species at Risk Act*

ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂᐅᓐᓂ ᐱᓕᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ
ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ ᐃᓕᓐᓂᐅᓐᓂᐅᓐᓂ
ᐃᓕᓐᓂ ᐃᓕᓐᓂ ᐃᓕᓐᓂ ᐃᓕᓐᓂ ᐃᓕᓐᓂ ᐃᓕᓐᓂ.



Regulatory Role $\wedge^{\text{d}} \nabla \cap J^c \quad \wedge c n \nabla^b h^{\text{b}} \sigma^{\text{a}} \rho^c$

Fisheries Act: Δ'β↗αησ'↗' Λ'δ↗Δ'

- s.35 – prohibits the harmful alteration, or disruption or the destruction (HADD) of fish habitat unless authorized በበኛዎቹ ሰነዶች 35 - ለአጭር የጊዜ ውስጥ ለሚኖሩ አንዳንድ ዓይነት ሕይወተ ነፃያን ምርመራና ምርምር ሲያደርጉ ለማድረግ ይችላሉ
- s.20 – safe fish passage በበኛዎቹ ሰነዶች 20- ለሕይወተ ነፃያን ማሸፈንና ማስተላለፍ ማድረግ ይችላሉ
- s.22 – sufficient flows በበኛዎቹ ሰነዶች 22- ተጠቃሚው ደረሰው የውሃ መጠን
- s.30 – intakes screens and fishguards በበኛዎቹ ሰነዶች 30- የውሃ ጭነት ለማስወገድና ለሕይወተ ነፃያን ማስጠበቅ ይሞክራል
- s.32 – prohibits destruction of fish by means other than fishing በበኛዎቹ ሰነዶች 32- ለሕይወተ ነፃያን ማጥፋት ወይም ለሌላ ምክንያት ለማጥፋት ይከለክላል
- s.36 – prohibits the deposit of a deleterious substance, unless authorized በበኛዎቹ ሰነዶች 36- ለሕይወተ ነፃያን ማጥፋት ወይም ለሌላ ምክንያት ለማጥፋት ይከለክላል



Technical Review Comments

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1. Sediment and Erosion Control Plan

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ᓕᓕᓕᓕᓕᓕᓕᓕᓕ ᓕᓕᓕᓕᓕ

2. Watercourse Crossings- Culverts and Bridges

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ᓕᓕᓕᓕ ᓕᓕᓕᓕᓕ

3. Use of Explosives In or Near Fish Bearing Waters

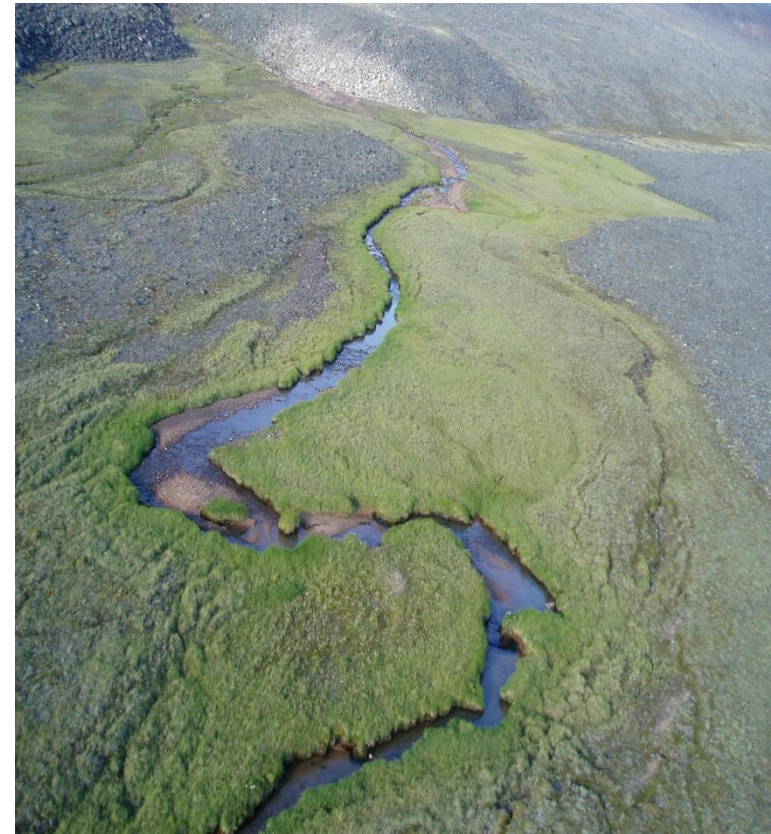
ᓕᓕᓕᓕᓕᓕ ᓕᓕᓕᓕᓕᓕᓕᓕᓕ ᓕᓕᓕᓕᓕ ᓕᓕᓕᓕᓕᓕᓕᓕ
ᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕ ᓕᓕᓕᓕ

4. Preliminary Mine Closure and Reclamation Plan

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ᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕ ᓕᓕᓕᓕᓕᓕ

5. Fish Habitat Off-Setting Plan

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ᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕᓕ ᓕᓕᓕᓕᓕᓕ



1. Sediment and Erosion Control Plan

- [illegible]



2. Watercourse Crossings – Culverts and Bridges

- Watercourse crossings have the potential to block fish passage.
- $\Delta \Gamma \triangleright^c \triangleleft^c \delta C \sigma \delta^b \triangleright \sigma \Delta b \triangleright C \triangleright \triangleleft^c L \triangleright \rho \triangleright \Delta^c \omega \omega \triangleleft^c b^c L C$
 $\Delta^c b \triangleright \Delta^c \triangleleft^c \delta \cap^c \rho^c \sigma$.
- DFO recommends that watercourse crossings be designed to ensure that fish passage is maintained.
- $\Delta L^c \Gamma \triangleright C \omega \omega \triangleright^b \delta^c \triangleleft \triangleright^c \delta \triangleright \triangleright^c \triangleleft^c \rho^b C \triangleright \triangleleft^c \Delta b \triangleright \cap^c \omega \omega \rho L \triangleright \cap^b$
 $\Delta^c b \triangleright \Delta^c \triangleleft^c \delta^c \delta \rho^c \omega \omega \triangleright \cap^b$.

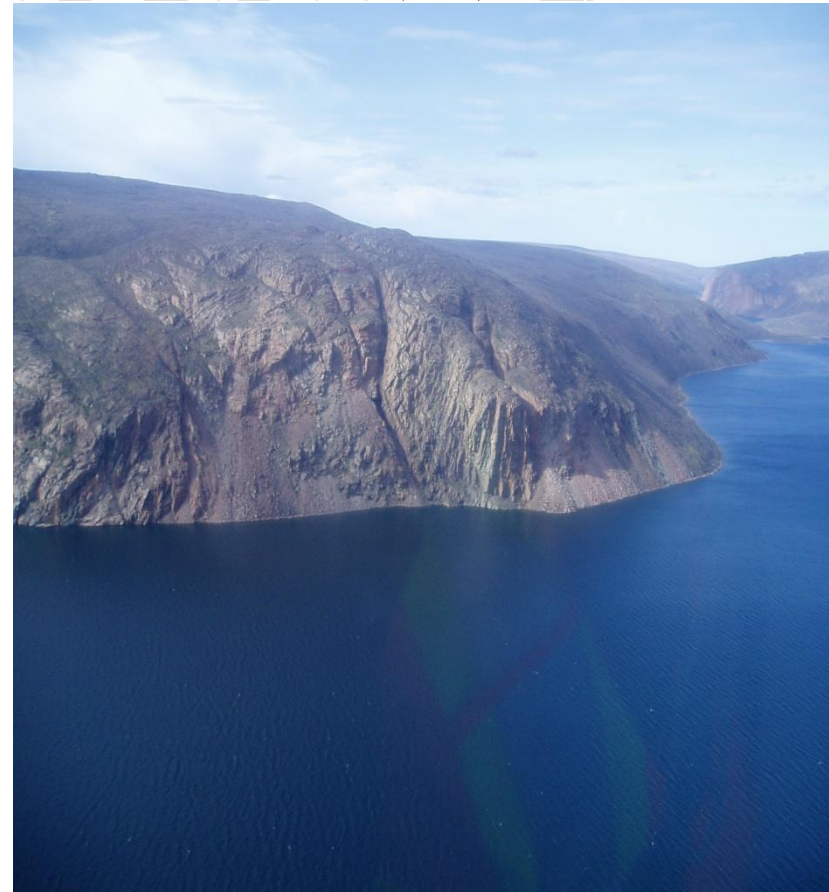




3. Use of Explosives in or Near Fish Bearing Waters

ᑭᓕᓕᓂ ᐱᐅᓕᐅᓂᓂᓂ ᐃᓕᓐᓂ ᑭᓂᓂᓂᓂᓂ ᐃᑭᓂᑭᓂᓂᓂᓂ ᐃᓂᓂ

- The use of explosives in or near fish bearing waters may have a negative impact on fish and fish habitat.
- ᐱᐅᓕᐅᓂᓂᓂ ᑭᓕᓕᓂ ᐃᓕᓐᓂ ᑭᓂᓂᓂᓂᓂᓂᓂ ᐃᑭᓂᑭᓂᓂᓂᓂ ᐃᓂᓂ ᐃᑭᓂᑭᓂᓂᓂᓂᓂ ᐃᑭᓂᑭᓂᓂᓂᓂ ᐃᓂᓂᓂᓂᓂᓂᓂ.
- DFO recommends that a detailed blasting program including mitigation measures and monitoring plans be developed.
- ᐃᓕᓂᓂᓂᓂᓂᓂᓂ ᐱᐅᓂᓂᓂᓂ ᐃᓂᓂᓂᓂᓂᓂᓂ ᐅᓂᓂᓂᓂᓂᓂᓂᓂ ᑭᓕᓕᓂᓂ ᐱᐅᓂᓂᓂᓂ ᑭᓂᓂᓂᓂᓂᓂᓂᓂᓂᓂ ᐃᓂᓂᓂᓂᓂᓂᓂᓂ ᐃᓂᓂᓂᓂᓂᓂᓂᓂᓂᓂ ᐃᓂᓂᓂᓂᓂᓂᓂᓂᓂᓂᓂ.





4. Preliminary Mine Closure and Reclamation Plan

- DFO recommends that the proponent develop plans for the removal of the watercourse crossings to ensure that passage is maintained and the bed and banks of the watercourse are stable.
- ᐃᒪᓯᐅᑕᑦᓕᓕᓂᓯᐅᓪᓂᑦ ᐊᐅᓯᐅᓂᓂᑦ
ᐅᓕᑲᓯᐅᓪᓂᑦ ᐊᓯᑲᓯᓗᓂᑦ ᑕᓯᓄᐅᓂᓯᐅᓂᑦ
ᐱᓕᑕᐅᓂᐊᓯᓂᓯᓂᓯᐅᓂᑦ ᐃᑲᓂᓂᑦ
ᐊᓯᐅᓯᑕᐅᓕᓂᓯᐅᓂᑦ ᐊᓯᓂᓯᐅᓂᑦ
ᐃᓂᓯᓂᓯᓗᓂ ᐊᓂᓂᓯᓗᓂ ᓄᓄ
ᐃᑕᓂᓯᑕᑦᑕᐊᓯᓂᓯᓗᓂ.



5. Fish Habitat Off-Setting Plan

- The development of the Mary River project will result in the Harmful alteration,
disruption or destruction of fish habitat.
- ᓄᐃᔭᑦ ᕈᔪᖅᕏᕐᒋᑐᑦ ᐸᕙᕗᑦ
ᐱᕊᕐᕇᑦᐸᕉᐤ, ᐃᐣᐼᕆᑦᕏᕐᕎᐣᕎᐣ ᕈᕘᑦᕐ
ᐳᖅᕏᕐᕎᐣ ᐸᖅᐴᕐ ᐃᑦᕏᔭᕍᑦ.
- DFO recommends that Baffinland continue
the development of the Fish Habitat Off-
setting Plan and monitoring program.
- ᐃᕚᕐᕈᕛᕐᕇᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐ
ᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐ
ᐼᕊᕐᕇᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐ





Conclusion

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- Baffinland has committed to addressing DFO's technical review comments.
- ᓄᓗᓴᓂᓄᓗᓴᓂ ᓄᓗᓴᓂᓄᓗᓴᓂ
ᓄᓗᓴᓂᓄᓗᓴᓂᓄᓗᓴᓂ ᓄᓗᓴᓂᓄᓗᓴᓂ
ᓄᓗᓴᓂᓄᓗᓴᓂ ᓄᓗᓴᓂᓄᓗᓴᓂ
ᓄᓗᓴᓂᓄᓗᓴᓂ ᓄᓗᓴᓂᓄᓗᓴᓂ.
- DFO will continue to work with Baffinland to ensure that impacts to fish and fish habitat are mitigated.
- ᓄᓗᓴᓂᓄᓗᓴᓂ
ᓄᓗᓴᓂᓄᓗᓴᓂᓄᓗᓴᓂ ᓄᓗᓴᓂᓄᓗᓴᓂ
ᓄᓗᓴᓂᓄᓗᓴᓂ ᓄᓗᓴᓂᓄᓗᓴᓂ ᓄᓗᓴᓂᓄᓗᓴᓂ
ᓄᓗᓴᓂᓄᓗᓴᓂ ᓄᓗᓴᓂᓄᓗᓴᓂ.





Qujannamiik, Thank You, Questions?

ᑭᓄᓂᓄᓐ, ᑭᓄᓂᓄᓐ?

