

Mary River Project

Baffinland Iron Ore Mines
አዲስ ኤፍክላንት ስጦታ ስራ

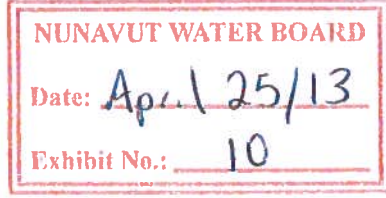
Nunavut Water Board
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Public Hearing

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Pond Inlet, Nunavut
ፖንዲኒት፣ ኖቫሴኮት

April 23-25, 2013
ከፍተኛ 23-25፣ 2013



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Mandate and Responsibility

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

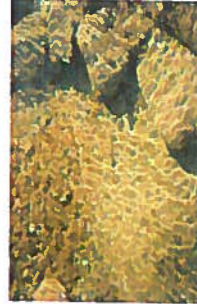
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- DFO is responsible for the administration and enforcement of the Federal Fisheries Act and Species at Risk Act

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Overview

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1. DFO Mandate and Legislation
ዳርቅ ስጦታ ስራ ለጥቅም
2. Final Intervention Comments and Recommendations
ዳርቅ ስጦታ ስራ ለጥቅም
3. Summary and Conclusions
ዳርቅ ስጦታ ስራ ለጥቅም

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Regulatory Role ለጥቅም ስራ ለጥቅም

Fisheries Act: ዳርቅ ስጦታ ስራ ለጥቅም

- s.35 – prohibits the harmful alteration, or disruption or the destruction (HADD) of fish habitat unless authorized በጥቅም ስራ ለጥቅም
- s.20 – safe fish passage በጥቅም ስራ ለጥቅም
- s.22 – sufficient flows በጥቅም ስራ ለጥቅም
- s.30 – intakes screens and fishguards በጥቅም ስራ ለጥቅም
- s.32 – prohibits destruction of fish by means other than fishing በጥቅም ስራ ለጥቅም
- s.36 – prohibits the deposit of a deleterious substance, unless authorized በጥቅም ስራ ለጥቅም

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Final Intervention Comments

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1. Term of the Water Licence - ስፔሻል ስፔሻል ስፔሻል
2. Type and Amount of Security - ስፔሻል ስፔሻል ስፔሻል
3. Construction of Infrastructure - ስፔሻል ስፔሻል ስፔሻል
 - 3.1. Watercourse Crossings- Culverts and Bridges - ስፔሻል ስፔሻል ስፔሻል
4. Management Plans - ስፔሻል ስፔሻል ስፔሻል
 - 4.1 Sediment and Erosion Control Plan - ስፔሻል ስፔሻል ስፔሻል
 - 4.2 Blasting Management Plan - ስፔሻል ስፔሻል ስፔሻል
 - 4.3 Fish Habitat Off-Setting Plan - ስፔሻል ስፔሻል ስፔሻል
5. Aquatic Effects Monitoring Program - ስፔሻል ስፔሻል ስፔሻል
6. Mine Closure and Reclamation Plan - ስፔሻል ስፔሻል ስፔሻል



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2.0. Type and Amount of Security

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- Financial Security in the form of an irrevocable letter of credit will be required as a condition of the Fisheries Act Authorization.
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- DFO recommends that the amount of the Letter of Credit be based on the cost estimate for the construction and monitoring of the fish habitat features and be provided to DFO once the Fish Habitat Off-Setting Plan has been finalized.
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3.0 Construction of Infrastructure - ስፔሻል ስፔሻል ስፔሻል

3.1 Watercourse Crossings – Culverts and Bridges

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- DFO recommends that Baffinland develop the detailed methodology for the "Post Construction Performance Monitoring " presented in the Aquatic Effects Monitoring Framework and submit to DFO for review.
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4. Management Plans - ስፔሻል ስፔሻል ስፔሻል

4.1 Sediment and Erosion Control Plan - ስፔሻል ስፔሻል ስፔሻል

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- The Introduction of silt and sediment into a waterbody may have negative impacts on fish and fish habitat.
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- DFO recommends that the sediment and erosion control plans be submitted to DFO for review prior to the start of any construction activities which have the potential to introduce silt and sediment into fish bearing waterbodies.
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- ፎርማል ስፔሻል ስፔሻል ስፔሻል



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4.2 Blasting Management Plan - ንጉሥ ንግግና ርፍታ ረፍገፍ

- The use of explosives in or near fish bearing waters may have a negative impact on fish and fish habitat.
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- DFO recommends that the detailed blasting management plan be submitted to DFO for review and approval.
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4.3. Fish Habitat Off-Setting Plan

- The development of the Mary River Project will result in the harmful alteration or disruption or destruction (HADD) of fish habitat.
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- DFO recommends that the proponent continue to work towards the finalization of the Fish Habitat Off-Setting Plan.
- ᐁᓞᓡᓂᑦ ᐁᓞᓡᓂᑦ ᐁᓞᓡᓂᑦ ᐁᓞᓡᓂᑦ ᐁᓞᓡᓂᑦ ᐁᓞᓡᓂᑦ ᐁᓞᓡᓂᑦ ᐁᓞᓡᓂᑦ ᐁᓞᓡᓂᑦ



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5.0 Monitoring- Aquatic Effects Monitoring Framework

- Target Study #1 – Dust Deposition: Sedimentation in Surface Waters
- በጥርሞታዊ ደረጃ ማስተካከል 1 - ንፅፅሮችና የፍሬም መጨመር ልማት
- Target Study #2 – Stream Diversion: Effects on Arctic Char Movements
- በጥርሞታዊ ደረጃ ማስተካከል 2- ቆይታ ለውጦችና አንድጋለሽነት ማስፈጸም
- DFO recommends that these potential targeted studies be included in the Final Aquatic Effects Monitoring Program
- ለፒሮጀክቶች ተጨማሪ የጥናት እና የመከታተያ ምርመራዎችን ማካተት
- DFO recommends that adequate baseline data be collected to support this monitoring program and that detailed methodology be developed and submitted to DFO for review.
- ለፒሮጀክቶች ተጨማሪ ልማት ማስፈጸም እና የፍሬም መጨመር ልማት ማስተካከል



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6. 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.

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 2. **የጥራት ማረጋገጫ ስርዓት**
 3. **የጥራት ማረጋገጫ ስርዓት**
 4. **የጥራት ማረጋገጫ ስርዓት**
 5. **የጥራት ማረጋገጫ ስርዓት**
 6. **የጥራት ማረጋገጫ ስርዓት**
 7. **የጥራት ማረጋገጫ ስርዓት**
 8. **የጥራት ማረጋገጫ ስርዓት**
 9. **የጥራት ማረጋገጫ ስርዓት**
 10. **የጥራት ማረጋገጫ ስርዓት**

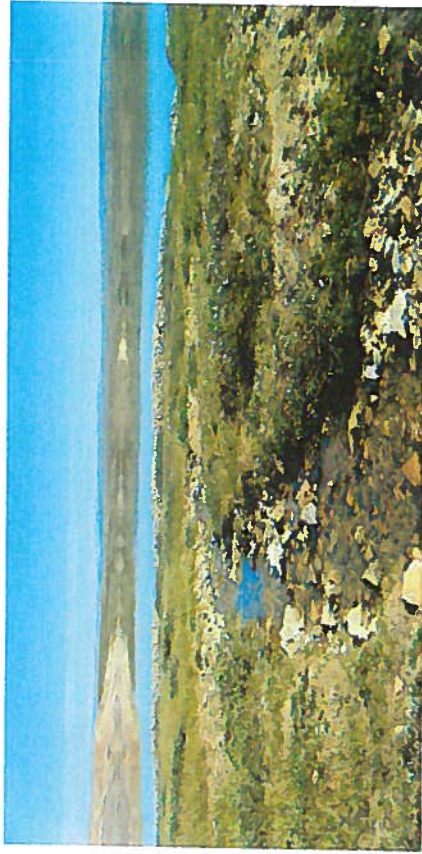
Conclusion

- Baffinland has committed to addressing all of DFO's final intervention comments.
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ᑭᓵᓴᓂᑦ ᐸᓴᓰᓴᓂᑦ ᓴᓴᓂᑦ
- DFO will continue to work with Baffinland to ensure that impacts to fish and fish habitat are mitigated.
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Qujannamiik, Thank You, Questions?



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