



Aboriginal Affairs and Northern Development Canada

Affaires autochtones et Développement du Nord Canada



Baffinland Iron Mines Corporation Mary River Project Type A Water Licence Amendment Application

Nunavut Water Board Public Hearing Pond Inlet, Nunavut May 6-7, 2015

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Presentation Outline

- 1. Role and Responsibilities
- 2. Mary River Project Team
- 3. Overview of AANDC Position
- 4. Activities related to the Type A water licence ammendment application
- 5. Resolution of previous comments
- 6. Summary of comments from the final written submission
 - Water Withdrawal Quantities
 - Interim Closure and Reclamation Plan
 - Security
- 7. Conclusion

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1. Role and Responsibilities of Aboriginal Affairs and **Northern Development** (AANDC)

AANDC's responsibilities, mandate and obligations stem from the following applicable laws and policies:

- Department of Indian Affairs and Northern Development Act
- Nunavut Land Claims Agreement Act
- Nunavut Waters and Nunavut Surface Rights Tribunal Act and the associated regulations
- Territorial Lands Act and the associated regulations
- Mine Site Reclamation Policy for Nunavut

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Scott Burgess, Mary River Project Manager

Andrea Morgan, Senior Project Engineer

Justin Hack & Robert Savard, Water Resource Officers

Felexce Ngwa, Environmental Assessment Coordinator

Angad Hundal, Mary River Land Administration Officer

Sarah Forté, Water Management Coordinator

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3. Overview of AANDC position

Baffinland Mine Corporation has adequately addressed Aboriginal Affairs and Northern Development Canada's (AANDC) comments from the January 28-29, 2015 technical review hearing through clarifications and commitments.

AANDC supports the issuance of the amended Type A water licence.

AANDC has a few additional comments on security and on the information provided after the technical review meeting.

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4. Participation in Water Licence application process

January 28-29, 2015:

Technical review of the amendment application including submission of review comments to the NWB and attendance at the technical hearing.

November 14, 2014:

Review of the Aquatic Effects Monitoring Plan

September 15, 2014:

Review of the Interim Closure and Reclamation Plan

November 2014 to January 2015:

Participation in the 2015-16 Annual Security Review

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5. Resolution of Previous Comments

At the January 2015 Technical Hearing AANDC commented on the design and monitoring of the Milne Port stockpile run-off ponds, the Interim Closure and Reclamation Plan and the security estimate.

These comments have been addressed by the licensee.

AANDC is satisfied with Baffinland's response.

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6. Final Written Submission 6. ೪೪೨ ⊂ ೧೧೯೬೧ J ೯ $D\sigma^{4}D\sigma^{4}D^{2}D$ Comments

The revised Type A water licence amendment application submitted in February included additional detail/changes on the following:

- Water Withdrawal Quantities
- Interim Closure and Reclamation Plan and Annual Security Review Process
- Security

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Further comments on water withdrawal quantities:

a) AANDC recommends that the maximum daily water consumption for road dust suppression be limited to 1,500 m³/day unless Baffinland provides more site specific discharge data and sound justification for using more than 1,500 m³/day.



Further comments on water withdrawal quantities:

b) Baffinland proposed to restrict water use at specific locations during low flow years. AANDC recommends that water monitoring stations, representative of the catchments where water is being abstracted, and monitoring methods used to determine low flow years be submitted for review.

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Further comments on the Interim Closure and **Reclamation Plan:**

AANDC recommends that the water licence be amended referencing the most recent mine closure and reclamation plan issued June 27, 2014 and security cost estimates issued March 25, 2015 for the ultimate project development.

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Further comments on security:

Baffinland provided reclamation costs for two scenarios:

- 2015 Work Plan: \$47,683,500, updated recently as part of the 2015 Annual Security Review (ASR)
- Ultimate Project: \$526,526,287 updated recently as part of the Type A amendment application

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Further comments on security:

The existing licence authorizes the ultimate project however, the security is based on an annual work plan assessment.

- a) AANDC recommends that the NWB clearly limit the permitted scope of work under the licence to an approved work plan (i.e one year or longer, or for phases or milestones).
- b) AANDC recommends that NWB ensures work plan assumptions are in line with security requirements.

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Further comments on security:

- AANDC recommends that the wording in the Licence Part C, Schedule C be revised:
 - to clearly indicate that the NWB's jurisdiction pertains only to security held within the water licence, not to security held by private land owner.
 - to give the NWB more procedural flexibility by not inserting procedural requirements for security under the licence.
 - to combine the details of the security under Schedule J, Part C and Schedule C, integrating them into one section.

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- トペゥン Schedule J, Part C ベーL Schedule C, 4CP/15cm^6.



Further comments on **Security:**

AANDC's support for discounting to avoid over-bonding is conditional.

- d) AANDC recommends that the water licence should require:
 - 100% reclamation security if there is no privately held security; or,
 - any discounting be supported by evidence.

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7. Conclusion:

Baffinland has adequately addressed AANDC's comments through the technical review process.

AANDC recommends that the renewal application be accepted with consideration of the comments raised in the final written submission.

