



Crown-Indigenous Relations and Northern Affairs Canada

Relations Couronne-Autochtones et Affaires du Nord Canada

**TMAC Resources Ltd.
Water Licence Applications for the Hope Bay
Phase 2 Project Renewal/Amendment #2 for
2AM-DOH1323 and New for 2AM-BOS----**

Nunavut Water Board Public Hearing

Cambridge Bay, October 24-25, 2018

TMAC Resources Ltd.

TECHNICAL



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Outline

- Roles and responsibilities
- Contributions to the application review
- Topics discussed:
 1. Scope and terms of licences
 2. Water supply and management
 3. Waste management
 4. Management plans
 5. Monitoring programs
 6. Closure and reclamation
- Closing





Roles and responsibilities

Crown-Indigenous Relations and Northern Affairs Canada's (CIRNAC) responsibilities, mandate, and obligations stem from the following:

- *Department of Indian Affairs and Northern Development Act*
- Nunavut Agreement
- *Nunavut Land Claims Agreement Act*
- *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the associated regulations
- *Nunavut Planning and Project Assessment Act*
- *Territorial Lands Act* and the associated regulations
- *Arctic Waters Pollution Prevention Act*





Contributions to the application review

CIRNAC made the following submissions to the Nunavut Water Board:

1. February 14, 2018 – Preliminary completeness review
2. March 29, 2018 – Technical review
3. September 28, 2018 – Final written submission



Doris



Boston





1. Scope and terms of licences

- Two type A licences:
 - Doris-Madrid
 - Boston
- CIRNAC recommends type B bulk sample licences be integrated into type A licences
- We support a licence term that matches project schedule





2. Water supply and management

- Doris-Madrid:
 - Windy Lake as potable water source
 - Doris Lake as industrial water source
 - Water managed in Tailings Impoundment Area (TIA)
- Boston:
 - Aimaokatalok Lake as water source
 - Water managed in surge pond





3. Waste management

- Non-hazardous waste
incinerated or in on-site landfills
- Hazardous waste shipped off-
site
- Tailings
 - Doris-Madrid: sub-areal deposition in
TIA
 - Boston: filtered and stacked in TMA





4. Management plans

- Doris-Madrid: 17 plans
- Boston: 19 plans
- TMAC committed to updating
 - Doris-Madrid Water Management Plan for process water treatment plant
 - Non-hazardous Waste Management Plan prior to building landfills
- CIRNAC recommends incorporating plan updates in licences, explicitly stating changes cannot be undertaken before plans are approved





5. Monitoring programs

- New stations for Surveillance Network Programs
- Aquatic Effects Monitoring Plan





6. Closure and reclamation

- Closure and reclamation plans
- Reclamation cost estimates
- Division of security between Kitikmeot Inuit Association and CIRNAC
- Phases for posting security
- CIRNAC seeks an agreement on the amount and division of security and recommends fewer phases for posting security





Closing

The department is confident that concerns brought forward can and will be addressed by TMAC to the satisfaction of the department today





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Thank you
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