



**Environment and Climate Change Canada's Final
Presentation Regarding Amendment No 1
to Doris North Project
Type A Water Licence
2AM-DOH1323**

[illegible]

Final Public Hearing
Cambridge Bay, Nunavut
Mark Dahl
Sept 13, 2016

Relevant Acts and Regulations

- Department of the Environment Act
- Canadian Environmental Protection Act
- Fisheries Act – Pollution Prevention Provisions
- Migratory Birds Convention Act
- Species at Risk Act

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at
Immigration Canada

ECCC Mandate

Δεσφύοις ἡμετέροις

- Preserve and enhance the quality of the natural environment including water, air, soil, flora and fauna
- Conserve Canada's renewable resources
- Conserve and protect Canada's water resources
- Forecast daily weather conditions and warnings
- Enforce rules relating to boundary waters
- Coordinate environmental policies and programs for the federal government



ECCC's Role in the Process

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- Participated in all phases of the Doris North Water Licencing Process
- Provided scientific expertise that is within our mandate to the Nunavut Water Board, including water, sediment and effluent quality
- Participating in ongoing discussions with TMAC outside of the process

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Summary of Recommendations

- Monitoring locations in Roberts Bay
- Predicting effluent composition
- Monitoring parameters
- Mine water management
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- የፍሳሽ ምትክ ለማግኘት የሚያስፈልጉትን መረጃዎች ማግኘት


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Climate Change Canada
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Changement climatique Canada



Canada



Monitoring Locations in Roberts Bay

ECCC
ΔΕΠΟΝΥΡΩΤΕΣ

- Monitoring sites too dispersed
- Consider oceanographic conditions
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STATUS - Resolved

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Predicting Effluent Composition

ΕΕΕΕ ΔΕΠ-ΟΛΥΔΕ ΕΑΕΓ

- Model and monitor effluent from all sources
- Model and monitor effluent from all sources

TMAC:

- Committed to model
- Monitoring to be finalized in working group

STATUS - Resolved

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Monitoring Parameters

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- Expand list of monitored parameters
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- TMAC
- Committed to monitor parameters on expanded list
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TMAC

- Committed to monitor parameters on expanded list
- אנו מחויבים למדוד פרמטרים במגוון רחב יותר
- אנו מחויבים למדוד פרמטרים במגוון רחב יותר

STATIS – Resolved

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Mine Water Management

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ECCC

- Metal Mining Effluent Regulations Apply
- Saline mine water predicted
- Test species not appropriate for saline effluent
- Effluent management alternatives required in the interim

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Mine Water Management

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TMAC

- Presented water management alternative
- Propose discharge of saline effluent to Tailings Impoundment Area



TMAC

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STATUS - Resolved

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Thank you

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