

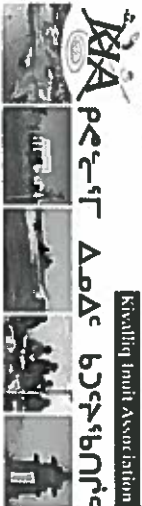
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NWB 2AM MEA0815

Community Sessions

April 29, 2015

Baker Lake, NU



Overview

2020

- Resolutions have been tracked in the Nunavut Water Board Excel spreadsheet titled "150114 2AM MEA0815 Preliminary AEM response to Technical Comments revised-ILAE"
- ΔεαΔηδβδϵ ΠΠΦΔΡΛϵ ραωϵ ΔΛεααϵγϵ βΟΛΡγC θηCDγγρ, αααΔδCε "150114 2AM MEA0815 Preliminary AEM response to Technical Comments revised-ILAE"
- Cδδ ΠΠθϵ ΡΓΓδσϵ CDδϵαγϵ θηCDγΓ δΛιγ γγρΛϵσ CDδϵαγϵ θηCDγΓγC

Overview

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- Our review generated 31 separate information requests and technical comments
- $\Phi \delta \rho \lambda \gamma \gamma^{\text{th}} \Omega \gamma \text{C} \quad \text{h}^{\text{p}} \text{c} \Delta \text{D}^{\text{th}} \gamma \text{C}$
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- All have been resolved to the satisfaction of both the Kivalliq Inuit Association (KIA) and Agnico Eagle Mines (AEM)
- $\text{CL}^{\text{r}} \text{b} \gamma \text{C}$
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Overview

2020

- Here we summarize the primary issues in each of five discussion topics identified by the Nunavut Water Board (NWB) during the Prehearings in January, 2015
- These topics are:
- Freshwater Quantity
 - Waste Disposal and Management
 - Emergency and Spill Contingency Planning
 - Monitoring
 - Closure and Reclamation Planning
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● YcYcCnΔVΔ< DdΔYcmσ^b
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Guiding Principles ለሮሎች ድጋፍ

- Our review is guided by
 - Nunavut Water Board's (NWB) water quality framework
 - "protect, manage and regulate freshwaters in Nunavut in a manner that will provide the optimum benefits for the residents of the territory in particular and Canadians in general"
 - The Nunavut Land Claims Agreement, and
 - The Kivalliq Inuit Association's interest in long term environmental protection for the beneficiaries

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Guiding Principles ለሮሎች ድጋፍ

- Our presentation accompanied our intervener submission to the NWB:
 - "Kivalliq Inuit Association Intervener Submission for 2AM-MEA0815 Meadowbank Water License Renewal Application Public Hearing Process"

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OVERVIEW OF ISSUES

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Freshwater Quantity ለሮሎች ድጋፍ

- KIR-IR-01, 01B, 23
- Concern with the increase in freshwater requested by AEM and the impact it may have on Third Portage Lake
- AEM and KIA have resolved the issues. AEM has:
 - Agreed to a staged annual water usage in the water license to reflect anticipated freshwater usage
 - Demonstrated water usage will have no negative impact on Third Portage Lake

[illegible]

- KIA-IR-25

• KIA-IR-25

- Concern with seepage from the tailings storage facility into the receiving environment, specifically elevated cyanide concentrations

- AEM has resolved this issue with the KIA

- AEM will update the Freshet Action Plan to the KIA's agreed satisfaction
- This includes continued monitoring of the receiving environment and mitigation actions to prevent further seepage from the Tailings Storage Facility through the rock storage facility

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Emergency and Spill Contingency

Planning

●KIA-IR-20, 22, 27

- KIA-IR-20, 22, 27

- Concern AEM did not consider seepage as a spill and that adequate monitoring was occurring in the event of an emergency

●AEM has amended the license wording to include seepage as a spill

●AEM has also provided greater clarity for emergency and spill monitoring as well as the associated adaptive response framework

• $\Delta \Gamma_{\text{eff}}^{\text{eff}} \approx \Delta \Gamma_{\text{eff}}^{\text{eff}} \approx \Delta \Gamma_{\text{eff}}^{\text{eff}}$
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Monitoring

- KLA-IR-2,3,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,21,24,28 and 28

- The majority of KIA's concerns focused on ensuring AEM adequately assessed impacts to the environment associated with mining activities

- The KIA's goal was to ensure the receiving environment was sufficiently protected

- Our comments were focused on the Aquatic Effects Monitoring Program and the Core Receiving Environment Monitoring Program, which were modified
- KIA emphasizes the need for KIA review of annual reports and prompt notification of events

- KIA-R-2,3,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,21,24,26 and 28

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Monitoring

- **Technical comments** addressed a variety of issues including:

- **Water and sediment quality**

- Monitored parameters including biological indicators, the suite of assessed chemical parameters and water quality detection limits

- Modeling results and comparisons to measured values

- Data quality objectives to ensure accuracy of reported data

- Water license wording for clarity and precision

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Security

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- KIA initially proposed equal distribution of security (\$0.50) between the Minister of AANDC.
- After receipt of AANDC's letter of April 8/15 to NWB, KIA intends to hold \$78,834,710.00 under the KIA lease, for three reasons:
 1. No security management agreement has been reached to resolve the double-bonding issue.



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Security

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2. The KIA's mandate requires the use of security for purposes above and beyond the reclamation of the affected water resource.
 - It is the KIA's responsibility to ensure adequate restoration to the standard required by applicable regulations and the Production Lease.



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Security

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3. The Meadowbank Project is fully on Inuit Owned Land. The KIA requires sufficient funds to ensure all obligations respecting the environment are met.
 - The KIA is concerned funds held by the Minister need not apply to the entire Production Lease, only that portion which applies directly to the water resource; and funds held by the Minister may be insufficient for remediation if used for compensation.



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Security

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- Compensation and security are considered separate issues by the KIA and are addressed through different processes
- The KIA acknowledges security can be reduced through progressive closure and reclamation
 - Successful inclusion decreases the potential liability of AEA, the KIA and AANDC
- Security amendments generally require a full amendment to the Water Licence with attendant hearings.
- The KIA and AANDC have discussed a process to amend security through a streamlined hearings process such as a teleconference and seek guidance from the Nunavut Water Board



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Meadowbank Security Deposit	
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- The KUA agrees with the final reclamation cost estimate of \$66,519,614. - The KUA has identified that the reclamation costs estimates as related to land and water based components should be split 90% and 10%, respectively, based on the breakdown in the following table. - A summary of this financial breakdown is:	- ፖሊስ ስኬት ለግብርና ለግብርና ለግብርና - ፖሊስ ስኬት ለግብርና ለግብርና ለግብርና - ፖሊስ ስኬት ለግብርና ለግብርና ለግብርና
1) Land based direct costs : \$56,503,901	1. ስኬት ለግብርና ለግብርና ለግብርና
2) Land based indirect costs : \$22,330,729	2. ስኬት ለግብርና ለግብርና ለግብርና
3) Total Land Costs: \$78,834,710	3. ስኬት ለግብርና ለግብርና ለግብርና
4) Water Based direct costs: \$5,203,711	4. ስኬት ለግብርና ለግብርና ለግብርና
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- The KUA does not wish to over-bond on this project, however, the KUA is required to hold adequate security to protect its interests. This security will be held in the form of a Reclamation Security Deposit within the Production Lease. - AEI must deposit a Reclamation Security Deposit with the KUA. The final amount is based on the AEI's Reclamation Plan. - The Reclamation Security Deposit can be accessed by the KUA if AEI breaches any of the terms of the Production Lease or the Lease pertaining to its obligations relating to the environment or abandonment of the Meadowbank Project, and fails to remedy the breach within the time permitted under the Lease. - If the KUA draws on the Reclamation Security Deposit, AEI must, within five (5) business days, receipt of written notice from the KUA, increase the Reclamation Security Deposit by the amount of such increase in costs. - If at any time the Reclamation Plan identifies an increase in costs for reclamation of the Project, AEI must, within five (5) business days, receipt of written notice from the KUA, increase the Reclamation Security Deposit by the amount of such increase in costs.	- ፖሊስ ስኬት ለግብርና ለግብርና ለግብርና - ፖሊስ ስኬት ለግብርና ለግብርና ለግብርና - ፖሊስ ስኬት ለግብርና ለግብርና ለግብርና
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