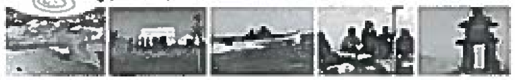
NUNAVUT WATER BOARD
Date: April 30, 2015
Exhibit No.: 1

ᐊᐅᖕᖏᓐᓇᖅᑐᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᓚᐃᓴᑦ
ᓄᑖᙳᕆᑲᓂᕐᓂᖏᓐᓄᑦ

MEADOWBANK WATER LICENSE RENEWAL

NWB 2AM MEA0815
Technical Meeting
April 29-30, 2015
Baker Lake, NU

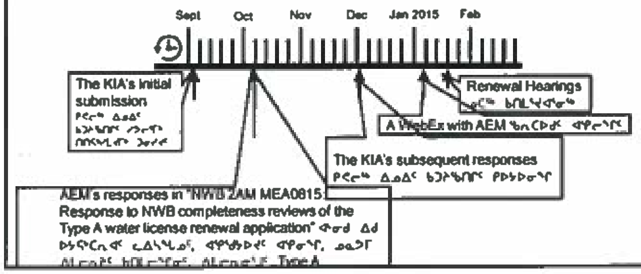
Kivalliq Inuit Association
KIA ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ



Overview ᑐᑭᖓ

- Our review generated 31 separate information requests and technical comments
- All have been resolved to the satisfaction of both the Kivalliq Inuit Association (KIA) and Agnico Eagle Mines (AEM) through:

- ᖃᐅᔨᓴᕐᓂᐅᑉ ᓴᕿᑎᑦᓯᓚᐅᖅᑐᑦ 31ᓂᒃ ᐱᓕᕆᐊᓕᐊᕐᔪᐊᓂᒃ ᐊᒻᒪ ᐊᓯᒪᕐᔪᐊᓂᒃ
- ᑕᒪᐃᓐᓇ ᓇᒪᒋᔭᐅᓚᐅᖅᑐᑦ ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐊᒻᒪ ᐊᒍᓂᖅ ᐃᒐ ᐅᔭᕋᓐᓂᐊᕐᓂᖅ, ᐅᐸᓗ:



Overview ᑐᑭᖓ

- Resolutions have been tracked in the Nunavut Water Board Excel spreadsheet titled "150114 2AM MEA0815 Preliminary AEM response to Technical Comments revised-ILAE"
  - This spreadsheet is available on the public registry and is considered part of the public record
- We will also provide additional discussion on the Security held for Closure and Reclamation

- ᐱᓕᕆᐊᓕᐊᕐᔪᐊᑦ ᑲᒪᓇᕐᓂ, ᐱᓕᕆᐊᓕᐅᒪᓚᑦ ᖃᐅᔨᒪᔭᐅᔪᑦ, ᓄᓇᕗᒥ ᐃᒪᓕᕆᔨᑦ ᑲᑎᒪᔨᖏᓐᓂ ᑎᑎᕋᕐᓯᒪᔪᓂ, ᓇᓗᐅᑎᓕᒃ "150114 2AM response to Technical Comments"

ᑖᓐᓇ ᑎᑎᖅᑲᖅ ᖃᓄᐃᑦᑐᒥᒃ ᑭᒃᑯᓐᓄᑦ ᑕᑯᔭᐅᔪᓐᓇᖅᑐᓂ

ᐸᓇᐅᔭᑦ ᐊᑐᖅᑐᔾᔪᑦ ᐅᔭᕐᓂᐊᑦ ᐅᑯᐊᓂ ᐊᕐᓂᖏᓐᓄᑦ, ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᑦᓴᖅᑐᑦ, ᐅᖃᐅᓯᐅᑎᓇᕐᓇᖅᑐᑦ

Overview ᑐᑭᖓ

- 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

- ᓇᐃᓪᓕᑎᕐᓗᒋᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑏᑦ ᐅᑯᐊ, ᑕᓪᓕᒪᐅᔪᓂᒃ ᐃᓱᒪᒋᔭᐅᔪᑦ, ᐊᖏᖃᑎᒌᖅᑐᑦ ᓄᓇᕗᒥ ᐃᒪᓕᕆᔨᑦ ᑲᑎᒪᔨᖏᑦ, ᑲᑎᒪᓂᐊᕐᓂᖓᓂ ᔭᓄᐊᕆ 2015ᒥ

ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᐅᔪᑦ:
- ᑕᓯᑦ ᐊᖑᓂᖓᑦ
- ᐊᒃᑕᓕᕆᓂᖅ, ᐊᐅᓚᓂᖓ
- ᑐᐊᐱᕐᓇᖅᑐᓕᕆᓂᖅ ᐊᒻᒪ ᑯᐱᕆᓐᖏᑦ ᐸᕐᓇᐃᒪᓂᖅ
- ᖄᔭᓴᕐᓂᖅ
- ᐅᔭᕐᑕᕆᐊᑦ ᐅᑲᐊᓂᖓ, ᐊᕐᕌᕐᓂᖏᓐᓄᑦ ᐸᕐᓇᐃᒪᓂᖅ

28/04/2015

Guiding Principles ᐱᓕᕆᐊᓄᑦ ᑐᑭᒧᐊᒍᑎᑦ

- Our review of the Renewal Application was guided by
  - NWB's water quality framework: to 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 environmental protection

- ᓚᐃᔅᑦ ᓄᑖᕐᔪᒃᑎᑕᐅᓂᐊᕐᓂᖓᓄᑦ ᐅᑯᐊ ᑐᑭᒧᐊᒍᑕᐅᔪᑦ
- ᓄᓇᕗᒥ ᐃᒪᓕᕆᔩᑦ ᑲᑎᒪᔨᖏᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ ᐱᓕᕆᐊᕆᓂᐊᖅᑕᖏᑦ: ᒥᐊᓂᕆᓗᒋᑦ, ᐊᐅᓚᓗᒋᑦ ᐊᒻᒪ ᐊᑐᕆᐅᓂᖏᑦ ᒪᓕᒍᑎᖏᑦ, ᓄᓇᕗᒥ ᐱᓕᕆᐊᕆᔭᐅᑦᓯᐊᕐᓗᒋᑦ ᐃᑲᔫᓂᖅᓴᓂᐊᕐᒪᑕ ᓄᓇᕗᒥᐅᓄᑦ ᑲᓇᑕᒥᐅᓄᑦᓗ
- ᑐᖓᕕᒃ ᐊᖏᕈᑎᖓ ᑐᑭᒧᐊᒍᑕᐅᓗᓂ, ᐊᒻᒪ
- ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ, ᐊᕙᑎᒧᑦ ᐱᓕᕆᐊᖏᑦ ᑐᑭᒧᐊᒍᑕᐅᓗᑎᒃᓗ

Guiding Principles ᐱᓕᕆᐊᕆᔭᐅᔪᓄᑦ ᑐᑭᒧᐊᒍᑎᑦ

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

- ᓚᐃᔅᑦ ᓄᑖᕐᔪᒃᑕᐅᓂᐊᕐᓂᖓᓄᑦ ᐸᕐᓇᒃᑎᓗᒋᑦ ᑭᕙᓪᓖᑦ ᐃᓄᐃᑦ ᐃᓯᒪᓕᐅᖅᑕᐅᔪᑦ, ᓄᓇᕗᒥ ᐃᒪᓕᕆᔩᑦ ᑲᑎᒪᔨᖏᓄᑦ ᐃᓯᒪᓕᐅᕆᑎᑦ ᑐᓂᔭᐅᔪᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ:
- ᑭᕙᓪᓖᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐃᓯᒪᓕᐅᖅᑕᐅᓂᖓ ᑎᑎᕋᖅᓯᒪᔪᖅ ᓇᓗᓇᐃᒃᑕᖅ ᐅᒥᖓ, 2AM-MEA0815 Meadowbank Water License Renewal, ᑕᒪᓐᓇ ᓚᐃᔅᒧᑦ ᓄᑖᕐᔪᑎᑕᐅᓂᖓᓄᑦ

ᐃᓯᒪᓕᐅᕈᑕᐅᓯᒪᔪᑦ ᐊᕿᓯᒪᓕᖅᑐᑦ
Resolved Issues

Tracking Issues and their Resolutions
ᐃᓯᒪᓕᐅᕈᑕᐅᔪᓂᐊᖅᑐᑦ ᓇᐅᑦᓯᖅᑐᖅᓯᓂᖏᑦ ᐊᒻᒪ ᐊᕿᓯᖅᑕᐅᓂᖏᑦ

1) Freshwater Quantity ᑕᓯᑦ ᐊᖏᓂᖏ

- Specific comments from the KIA: KIA-01, 01B, 23

Issues
- Our primary concern regarding freshwater quantity was the increase in volume requested by AEM
  - AEM proposed a new maximum freshwater quantity of 9,119,652m³

- ᐃᓯᒪᓕᒋᔭᐅᓯᒪᔪᑦ ᑎᑎᕋᖅᓯᒪᓂᖏᑦ ᑭᕙᓪᓖᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᓐᓂᑦ: KIA-01, 01B, 23
- ᐃᓯᒪᓕᐅᕈᑎᒃᓴᑦ
ᓯᕗᓪᓕᖅ ᐃᓯᒪᓕᐅᕈᑕᐅᔪᖅ ᑕᓯᑦ ᑕᕆᐅᕐᔪᖏᑦᑐᑦ ᐊᖏᓂᖏᑦ ᐊᑐᕆᐅᑎᓗᒋᑦ, ᐊᒡᓂᑯ ᐃᑯ ᐅᔾᔨᕆᑦᑕᕆᐊᓂᑦ
[illegible] ᐊᒡᓂᑯ ᐃᑯ ᐅᔾᔨᕆᑦᑕᕆᐊᑦ ᐊᑐᕈᒪᔪᑦ ᐃᒪᖅ ᐊᖏᑎᒋᔪᒥ 9,119,652m3

KIA

1) ᑕᓯᑦ ᐊᖏᓂᖓ freshwater Quantity

Resolutions	ᐱᓕᕆᐊᕆᔭᐅᔪᑦ
• Implementation of a staged annual water usage in the water license to limit unnecessary excess freshwater consumption	ᐳᐃᒪᕐᒧᑦ ᐊᑐᓚᐅᓂᐊᓕᖅᑐᑦ ᐅᑭᐅᒥ ᓚᐃᓴᒥ ᑎᑎᕋᖅᓯᒪᔪᑦ, ᖃᐃᖏᑕᐱᕇᐊᓕᒃ ᐊᑐᕐᓂᖏᓐᓂ
• AEM provided further documentation to demonstrate no negative impacts to Third Portage Lake from the additional freshwater use	ᐳᐊᖑᓂ ᐃᑦ ᐅᔾᔨᕆᔭᐅᓇᑦ ᑎᑎᕋᖅᓯᒪᔪᓂᒃ ᑐᓂᓯᒪᔪᑦ, ᐃᒪᐅᑉ ᐊᑐᕐᓂᐊᕐᓂᖓᓂᒃ, ᑕᓯᒥ ᐅᔾᔨᕆᔭᐅᓇᐃᑉ ᓴᓂᐊᓂ ᐊᑎᖓ Third Portage Lake-ᒥ

KIA

2) ᐊᑦᑕᕐᓂᕆᓂᖅ ᐊᒻᒪ ᐊᐅᓚᓂᖓ Waste Disposal and Management

• Specific comments from the KIA: KIA-20, 22, 27	• ᐅᑯᐊ ᐅᖃᐅᓯᕆᔭᐅᓚᐅᖅᑐᑦ, ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖓᓄᑦ: KIA-20, 22, 27
Issues	ᐃᓱᒪᒋᔭᐅᔪᑦ ᐅᖃᐅᓯᕆᔭᐅᓚᐅᖅᑐᑦ
• Seepage from the tailings storage facility was reaching the receiving environment	ᐳᕐᒥᓂᖅ ᐊᑦᑕᕐᓂᑦ ᑯᑦᑐᑦ ᑕᓯᕐᓄᑦ
• This concern was raised in light of the 2013 seepage detected at AEM's ST-16 monitoring station and subsequent elevated cyanide concentrations in Lake NP-2	ᐳᑕᓇ ᕐᒥᓂᖅ ᐃᓱᒪᒋᔭᐅᓚᐅᖅᑐᖅ ᑐᓴᕐᓇᓚᐅᖅᑐᓂ ᐅᑭᐅᒥ 2013ᒥ, ᖃᐅᔨᔭᐅᓚᐅᖅᑐᓂ ᐊᖑᓂ ᐃᑦ ᐅᔾᔨᕆᔭᐅᓇᑦ ᖃᐅᔨᓴᕐᕕᖓᓂ ᐊᕐᕌᒍᓂ ᓇᓗᓇᐃᑦᑕᖅ AEM's ST-16-ᒥ, ᑕᓯᕐᒥᓗ ᐅᓗᕆᐊᓇᖅᑐᕐᒥᒃ ᐊᖏᓕᖅᑐᕐᒥᒃ ᑕᓯᕐᒥ NP-2 Lake-ᒥ

KIA

2) ᐊᑦᑕᑦ ᐃᒋᑕᐅᓂᖏ ᐊᒻᒪ ᐊᐅᓚᓂᖓ Waste Disposal and Management

Resolution	ᐱᓕᕆᐊᕆᔭᐅᔪᑦ
• AEM will update the Freshet Action Plan, a subsection in the Water Management Plan, within 60 days of the license issuance	ᐳᐊᖑᓂ ᐃᑦ ᐅᔾᔨᕆᔭᐅᓇᑦ ᐱᓕᕆᐊᕆᔭᐅᕙᓪᓕᐊᔪᓂᒃ ᑐᓴᕐᓂᖅᓯᕐᓂᐊᕐᒪᑦ, ᐅᑯᓂ ᐸᕐᓇᐅᑎᓯᒪᔪᓂ Freshet Action Plan-ᒥ, 60 ᐅᓐᓄᐊᓂ ᓇᐃᓴᐅᑦ ᐊᖏᕈᑎᖓᓂᒃ
• Specifically documented changes of the Freshet Action Plan will include:	ᐳᐳᑯᐊ ᑎᑎᕋᖅᓯᒪᔪᑦ ᐊᓯᔾᔨᖅᑕᐅᓂᖏᑦ, ᐃᓚᓕᐅᔾᔨᒪᔪᓂᒃ ᐅᑯᐊ:
• Increased tailings beaches on RF-1 and RF-2 in 2015;	ᐳᐊᑦᑕᕐᓂᑦ ᐊᖏᓕᒐᓕᐊᓂᖏᑦ, ᐅᑯᓇᓂ ᐊᑦᑕᓂ RF-1 ᐊᒻᒪ RF-2, ᑕᒃᑯᐊ ᐅᑭᐅᒥ 2015ᒥ ᐊᖏᓕᓚᐅᕐᓂᐊᕐᒪᑕ;
• Documenting installation of fines filters on RF-1 and RF-2, completed as part of the mitigation response to the initial seepage;	ᐳᑎᑎᕋᖅᓯᒪᓂᖏᑦ ᐱᓇᓱᐊᕐᓂᒃ ᐊᑦᑕᓂᒃ ᓂᕈᐊᕐᓯᒪᓪᓗᓂ ᓴᓗᒻᒪᖅᓴᐅᑎᑦ ᐃᓕᔭᐅᓂᖏᑦ, ᐊᑦᑕᓂ ᓇᒻᒪᓈᖅᑕᐅᓂᖏᑦ RF-1 ᐊᒻᒪ RF-2, ᑕᒃᑯᐊ ᖃᐅᔨᓴᕐᓂᖓ ᐱᐊᓂᒃᓯᒪᔪᑦ ᕐᒥᓂᖓ ᖃᐅᔨᓴᕐᕕᒋᓗᒍ;

KIA

2) ᐊᑦᑕᑦ ᐊᒻᒪ ᐊᐅᓚᓂᖓ Waste Disposal and Management

• The Freshet Action Plan will also include:	• ᑎᑎᕋᖅᓯᒪᔪᓂ ᐸᕐᓇᐅᑎᓯᒪᔪᓂ ᐅᕙᓂ Freshet-ᒥ, ᐅᑯᐊ ᐃᓚᐅᖃᑕᐅᔪᑦ:
• Commence capping of the North Cell in the Tailings Storage Facility as part of progressive reclamation to stem the seepage at its source;	• ᐱᓂᐊᕐᓂᖅ ᐸᒃᑭᓯᕕᒃ ᐊᑦᑕᑦ, ᓯᒥᒃᑕᕐᓂᖅ ᖃᓂᒋᔭᖓᓂ ᐊᒻᒪ ᐅᑯᐊ ᐊᓯᔾᔨᕐᓂᖏᑦ ᐸᕐᓇᐅᑎᓕᐊᕆᓪᓗᒍ;
• Install thermistors in the Rock Storage Facility between the Tailings Storage Facility and Lake NP-2 in conjunction with closure assessments;	• ᐅᓇᓯᐅᑦ ᖃᐅᔨᓴᐅᑎᑦ ᐃᓕᔭᐅᓂᖏᑦ ᐅᔭᕋᒃ ᑲᑎᖅᓱᖅᑕᐅᕝᕕᖓ, ᐊᑦᑕᑦ ᐊᒻᒪ ᑕᓯᖅ NP-2, ᐊᑯᓐᓂᖓᓂ, ᑕᒃᑯᐊ ᐅᑯᐊ ᐊᓯᔾᔨᕐᓂᖏᑦ ᖃᐅᔨᓴᖅᑕᐅᓪᓗᑎᒃ;
◦ AEM will consider installation of piezometers in the RSF as part of the adaptive management if thermistor data indicates insufficient freeze back to cut off flow between the Tailings Storage Facility and Lake NP-2;	• [illegible]

13

2) ᐊᒃᑕᑯᑦ ᐊᒻᒪ ᐊᐅᓚᓂᖓ
Waste Disposal and Management

- The Freshet Action Plan will also include:
  - Drain water from the Tailings Storage Facility North Cell to the TSF South Cell in 2015;
  - Continue the current monitoring plan as stated in the Freshet Action Plan until:
    - Five years of consecutive water quality results in Lake NP-2 meet Canadian Council of Ministers of the Environment criteria for key parameters (free cyanide, nickel, copper); and
    - Five years of consecutive water quality results for total and weak acid dissociable cyanide are below accepted method detection limits (0.005 mg/L).

- ᐱᓕᕆᐊᓄᑦ ᐸᕐᓇᒍᑕᐅᓯᒪᔪᓄᑦ ᐊᑎᖓ Freshet-ᒥ, ᐅᑯᐊ ᐱᓕᕆᐊᕆᔭᐅᓂᐊᖅ:
- ᐃᒪᐃᓯᔪᓂ ᑭᓂᕙᓂᒃ ᐊᒃᑕᑯᓴᐃᑉ ᐃᓚᖓᓂᑦ, ᑯᐱᑦᑐᓄ ᐊᒃᑕᑯᓴᐃᑉ ᐅᑯᐊᓂᒧᑦ, ᐅᑉᐅᒥ 2015ᒥ;
- ᐱᓕᕆᐊᓇᖅᑐᐃᓇᕐᓗᑎᑦ ᐱᓕᕆᐊᑦ ᐸᕐᓇᒍᑕᐅᓯᒪᔪᑦ, ᑎᑭᓪᓗᒍ:
  - [illegible]
  - [illegible] (0.005 mg/L).

14

2) ᐊᒃᑕᑯᑦ ᐊᒻᒪ ᐊᐅᓚᓂᖓ
Waste Disposal and Management

- The Freshet Action Plan will also include:
  - Submission of monitoring results specific to the Freshet Action Plan as part of the Annual Reports to the Nunavut Water Board
  - Continue the current mitigation strategy of pumping seepage back to the Tailings Storage Facility and regular (weekly during the open water season, monthly outside of the open water season) inspections.

- ᐱᓕᕆᐊᓄᑦ ᐸᕐᓇᒃᓯᒪᔪᑦ ᐊᑎᖓ Freshet-ᒥ ᐅᑯᐊ ᐱᓕᕆᐊᕆᔭᐅᓂᐊᖅᑐᑦ:
  - [illegible]
  - [illegible]

15

3) ᑐᐊᐱᕐᓇᖅᑐᓕᕆᓂᕐᒧᑦ ᐊᒻᒪ ᑯᕕᔅᓯᓂᕐᒧᑦ ᐸᕐᓇᒃᓯᒪᓂᖅ
Emergency and Spill Contingency Planning

- Specific comments from the KIA: KIA-20, 22, 27

- ᐅᖃᐅᓯᕆᔭᐅᔪᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ: KIA-20, 22, 27

Issues

- Ensure AEM adequately
  - Characterizes spills,
  - Monitors and mitigates their environmental impacts, and
  - Follows up with anomalous instrumentation readings

ᐊᐱᖅᓱᕐᓂᐅᔪᑦ
- ᐊᓐᓂᑯ ᐃᑯ ᐅᔾᔨᕆᓇᐊᑦ ᐱᓕᕆᐊᖃᕐᓂᖓ
- ᐃᓕᑕᕐᓗᒋᑦ ᑯᕕᓂᑦ,
- ᖃᐅᔨᓯᓗᒋᑦ ᐊᒻᒪ ᐅᐸᒍᑎᖃᕐᓗᒋᑦ ᐊᕙᑎᒧᑦ ᐊᒃᑐᐃᓂᑦ, ᐊᒻᒪ
- ᖃᐅᔨᓯᑦᑐᒋᑦ ᓇᓗᓇᐃᖅᑐᖅᓯᓂᑦ

16

3) ᑐᐊᐱᕐᓇᖅᑐᓕᕆᓂᖅ ᐊᒻᒪ ᑯᕕᔅᓯᖃᑦᑕᕐᓂᖅ ᐸᕐᓇᒃᓯᒪᓂᖅ
Emergency and Spill Contingency Planning

Resolution

- The license wording will be amended to characterize seepages as spills within the associated plans
- AEM also provided further documentation demonstrating adequate protection of the environment in the event of an emergency or spill by clarifying the emergency and spill monitoring as well as the associated adaptive response framework

- ᐱᓕᕆᐊᕐᓇᖅᑐᑦ
- ᐃᓚᐃᑦ ᑎᑎᖅᑲᓂᖓ ᐊᖏᕐᕆᐊᒃᑕᐅᓗᓂ, ᖃᓂᑦ ᑐᑭᓯᑎᑕᐅᓗᑎᒃ ᑯᕕᓂᖏᑦ
- ᐊᓐᓂᑯ ᐃᑯ ᐅᔾᔨᕆᓇᐊᑦ
- [illegible]

4) ᖃᐅᔨᓴᕐᓂᖅ Monitoring

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

Issues

- The majority of issues raised on behalf of the KIA focused on ensuring adequate assessment of mine related impacts to the aquatic environment
- Comments focused on AEMs Aquatic Effects and Core Receiving Environment Monitoring Programs

- ᐅᖃᐅᓯᕆᔭᐅᓂᑦ ᑎᑎᖅᓯᒪᔪᑦ, ᑭᐸᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ: KIA-2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 26 and 28

ᐊᐱᖅᓱᑎᒃᓴᐅᓚᐅᖅᑐᑦ

- ᐊᒥᓱᓂᖅᓴᑦ ᐊᐱᖅᓱᑎᒃᓴᐅᓚᐅᖅᑐᑦ ᑭᐸᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓐᓂᑦ, ᐅᔾᔨᖅᑕᐅᓂᐊᕐᓂᐅᑉ ᐊᒃᑐᐃᓂᖓᓐᓂᒃ ᐊᕙᑎᒥᒃ ᐊᒻᒪ ᐃᒪᕐᒧᑦ ᐊᒃᑐᐃᓂᖏᑦ ᐃᓱᒪᒋᔭᐅᓗᐊᓚᐅᖅᑐᑦ
- ᐊᐱᖅᓱᑎᔭᐅᓚᐅᖅᑐᑦ ᐊᒃᓂᒃ ᐃᒃ ᐅᔾᔨᖅᑕᐅᓂᐊᑦ ᖃᐅᔨᓴᕐᓂᕐᒥᑦ ᐃᒪᓐᓇᓂᒃ ᐊᕙᑎᒃᑯ ᐱᔪᑎᓕᑦ, ᐊᒻᒪ ᖃᐅᔨᓴᕐᓂᖅ

4) ᖃᐅᔨᓴᕐᓂᖅ Monitoring

- Specific concerns included:
  - Specific water and sediment quality monitoring results
  - Monitored parameters including
    - Biological indicators,
    - The suite of assessed chemical parameters, and
    - Water quality detection limits
  - Modelling results and comparisons to measured values,
  - Data quality objectives to ensure accuracy of reported data,
  - Water license wording for clarity and precision,

- ᐅᑯᐊ ᐃᓱᒪᒋᔭᐅᓗᐊᓚᐅᖅᑐᑦ:
  - ᐃᒪᐃᑦ ᐊᒻᒪ ᐃᒪᐅᑉ ᐊᓗᐊᓂᑦᑐᑦ ᖃᐅᔨᓴᕐᕕᐅᒐᓱᒃᑐᑦ
  - ᐅᑯᐊᓗ ᖃᐅᔨᓴᕐᕕᐅᒐᓱᒃᑐᑦ
  - ᐆᒪᔪᑦ,
  - ᐅᓐᓂᐊᕋᓐᓄᑦ ᐊᒻᒪ
  - ᐃᒪᐃᑦ ᓴᓗᒪᓂᖓ ᐊᖏᓂᖓ
  - ᖃᐅᔨᓴᕐᓂᑦ ᑐᑭᓯᒍᑦ ᐊᒻᒪ ᐊᕐᕌᒍᓂᒃ ᑐᑭᓯᒍᑦ,
  - ᑎᑎᖅᓯᒪᔪᑦ ᖃᐅᔨᓴᕐᓂᑦ ᓇᓚᖓᑦ ᑐᑭᓯᒍᑦ ᐊᑐᕐᓂᖏᑦ,
  - ᓚᐃᓴᓐᓯ ᑎᑎᖅᓯᒪᓂᖓ ᐊᑐᕐᓂᖏᑦ ᑐᑭᓯᓇᕐᓂᖓ

4) ᖃᐅᔨᓴᕐᓂᖅ Monitoring

- Specific concerns also included:
  - Conditions requiring the collection of water quality samples at depth,
  - Requirements to discuss elevated water and sediment chemistry results in the body of reports,
  - Photographic records of preconstruction conditions,
  - A reference site for Wally Lake,
  - The capacity to statistically detect changes in the receiving environment.

- ᐅᑯᐊ ᐃᓱᒪᒋᔭᐅᓚᐅᖅᑐᑦ:
  - ᐃᑎᔪᒥ ᐃᒪᐃᑦ ᖃᐅᔨᓴᕐᕕᒃ ᖃᓄᖅ ᖃᐃᔨᓴᕐᓂᖅᑲᐅᓂᕐᒥᒃ,
  - ᐃᒪᒥ ᖃᐅᔨᓴᕐᓂᑦ ᓴᓗᒪᐃᑦ ᖃᓄᖅ ᑲᒪᔪᑦᑕᐅᓂᖏᑦ, ᑕᒪᓯ ᐅᖃᐅᓯᕆᔭᐅᓂᖏᑦ,
  - ᖃᐅᔨᓴᕐᕕᑦ ᐊᔾᔨᙳᐊᖏᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖏᑦ ᓴᓇᓂᖏᑦ ᑐᑭᓯᔪᓐᓇᐅᑎ,
  - ᑕᓯᖅ ᐊᑎᖓ Wally Lake, ᓇᓂᓂᖓ ᑐᑭᓯᒍᑦ, ᖃᐅᔨᓴᖅᑕᐅᓂᖓ,
  - ᑎᑎᖅᑕᐅᓂᖏᑦ ᐊᓯᔾᔨᖅᑕᐅᓂᖏᑦ ᑐᑭᓯᒍᑦ, ᖃᓄᖅ ᐊᓯᔾᔨᐊᖏᓐᓂᖏᑦ

4) ᖃᐅᔨᓴᕐᓂᖅ Monitoring

Resolution

- These issues have been resolved through:
  - Reporting framework changes,
  - Commitments to implement adaptive management,
  - Commitments to improve data quality, achieve lower method detection limits and meet hold time requirements,
  - Inclusion of key parameters in the water quality analysis suite,
  - Providing additional supporting information for decisions made regarding statistical analysis

ᐱᓕᕆᐊᕆᔭᐅᔪᑦ

- ᐱᓕᕆᐊᕆᔭᐅᔪᑦ ᐱᓕᕆᐊᕆᔭᐅᔪᑦ ᐅᑯᓇᓇ:
  - ᖃᐅᔨᓴᕐᓂᑦ ᐱᓕᕆᐊᓗ ᐅᖃᐅᓯᕆᔭᐅᓂᖏᑦ,
  - ᐊᓯᔾᔨᖅᑕᐅᓂᖏᑦ ᐊᑐᕐᓂᖏᑦ ᐱᓕᕆᐊᑦ, ᐊᐅᓚᓂᖏᑦ,
  - ᖃᐅᔨᓴᖅᑕᐅᓂᖏᑦ ᑎᑎᖅᓯᒪᓂᖏᑦ ᓇᓂᓯᔪᓐᓇᕐᓂᖏᑦ ᓴᓗᒪᓂᖏᑦ ᑐᑭᓯᒍᑦ ᐱᓕᕆᐊᖏᑦ, ᐊᒻᒪ ᐱᓕᕆᐊᖏᑦ ᓇᓚᖏᑦ ᐱᓕᕆᐊᖏᑦ,
  - ᐃᒪᐃᑦ ᖃᐅᔨᓴᕐᓂᑦ ᐊᑐᕐᓂᖏᑦ ᑐᑭᓯᒍᑦ ᐊᑐᕐᓂᖏᑦ,
  - ᖃᐅᔨᓴᕐᓂᑦ ᐊᑐᕐᓂᖏᑦ ᐃᓗᐊᓂᑦ, ᐊᒻᒪ ᖃᐅᔨᓴᕐᓂᑦ ᖃᓄᖅ ᐱᓕᕆᐊᖏᑦ ᑐᑭᓯᒍᑦ

5) ᐅᑯᐊᓂᖓ ᐊᒻᒪ ᐊᕐᕕᐊᕐᓂᖓᓄᑦ ᐸᕐᓇᒃᓯᒪᓂᖅ
Closure and Reclamation Planning

- Specific comments from the KIA: KIA-8, 29, 30, 31

- ᐃᓱᒪᒋᔭᐅᓪᓗᖅ ᑎᑎᕋᒃᓯᒪᔪᓐᑦ ᕿᑭᖅᑖᓗᖕᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᑎᑎᕋᕐᕕᖓ: KIA-8, 29, 30, 31

Issues

- The KIA's commitment to the land extends beyond the post closure phase of mine life
- Was adequate monitoring was in place to confirm
  - No long-term mine related impacts to the aquatic environment, and
  - Potentially acid generating rock and the Tailings Storage Facility would be successfully capped.

ᐃᓱᒪᒋᔭᐅᓪᓗᖅᑐᑦ

- ᕿᑭᖅᑖᓗᖕᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᓄᓇᒥᒃ ᑲᒪᓂᖓᑦ, ᐅᔾᔨᕆᓪᓗᒋᑦ ᐅᑯᐊᓂᖓᓂ ᐅᖓᑖᓄᑦ ᑕᕝᕙᓂᖓᓂ
- ᖃᐅᔨᓴᕐᓂᖃᕐᓯᒪᕐᕕᒋᓪᓗᒍ ᐊᒻᒪ ᓇᓗᓂᖏᑦ ᓱᓕᓗᒍ
  - ᐅᔾᔨᕆᓪᓗᒋᑦ ᐅᑯᐊᓂᖓ ᖃᖓᓗᐃᑦ ᐃᒪᕐᒥ, ᐊᕙᑎ ᐊᒻᒪ ᐊᒥᓱᓂᒃ
  - ᐅᔾᔨᕆᐊᑦ ᐅᔭᕋᓐᓂᑦ ᐅᐊᕐᓯᒪᔪᑦ ᐊᒻᒪ ᐊᑦᑕᑦ ᐅᑯᐊᑕ ᓯᕐᓯᐊᕐᓗᒋᑦ

5) ᐅᑯᐊᕐᓂᖓ ᐊᒻᒪ ᐊᕐᕕᐊᕐᓂᖓᑕ ᐸᕐᓇᒃᓯᒪᓂᖅ
Closure and Reclamation Planning

Resolution

- AEM committed to continue
  - Adequate monitoring,
  - Work with the Research Institute in Mines and Environment and consultants, ensuring design controls for acid rock drainage, encapsulation and freeze control strategies will be effective and use up to date scientific knowledge,
  - Submission of specific details in the final reclamation and closure plan one year prior to closure outlining control of water pollution sources to protect nearby waterbodies and groundwater

ᐱᓕᕆᐊᕆᔭᐅᔪᑦ

- ᐊᒡᓂᖅ ᐃᑯ ᐅᔾᔨᕆᐊᑦ ᐊᑐᐊᕐᓯᒪᔪᒥ ᐱᓕᕆᐊᑐᐃᓇᕐᓂᑦ ᐅᑯᐊ
  - ᓇᒻᒥᒃᑐᑦ ᖃᐅᔨᓴᖅᑐᐃᓇᕐᓂᑦ,
  - ᐱᓕᕆᖃᑎᒋᓪᓗᒍ ᖃᐅᔨᓴᖅᑏᑦ, ᖃᐅᔨᓴᖅᑎᖏᑦ, ᐅᔾᔨᕆᐃᑦ ᐅᔭᕋᓐᓂᒃ ᖃᐅᔨᓴᖅᑐᐃᓗᒋᑦ, ᓴᐳᔾᔨᖅᓯᒪᔪᑦ ᒪᓕᒃᓯᒪᔪᑦ ᓱᓇᑐᐃᓇᐃ ᐱᓕᕆᐊᕐᓯᒪᔪᑦ ᐊᒻᒪ ᑕᐃᑯᓂᖓ ᐊᑐᐃᓐᓇᕆᐊᑦ ᐊᑐᕐᓗᒋᑦ,
  - ᐊᓯᐅᓕᕐᒥ ᐅᑭᐅᒥ ᐅᔾᔨᕆᐊᑦ ᐅᑯᐊᓂᖓᓄᑦ ᑎᑎᕋᒃᓯᒪᔪᑦ ᒪᓕᒡᓗᑦ ᖃᐅᔨᓴᕐᓗᒋᑦ, ᓴᓗᒪᐃᓂᖅ ᐃᒃᐱᒋᔭᒥᓇᖏᑦ ᖃᐅᔨᓇᖅᑕᓂᐊᓕᑦ

ᑭᖑᓪᓕᖅᐸᖅ Conclusion

- The KIA has no outstanding issues at this time
- We have provided this summary for public record to ensure AEM follows through with all commitments and agreed to changes prior to renewal of the Meadowbank Water License
- Specific wording for all commitments can be found in our submission to the NWB

- ᕿᑭᖅᑖᓗᖕᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐃᓱᒪᓕᐅᖅᑕᖃᓐᖏᓚᖅᑐᑦ ᒫᓐᓇ
- ᑕᒪᑯᐊ ᑎᑎᕋᒃᓯᒪᔪᑦ ᐃᓱᒪᓕᐅᕐᓯᒪᔪᑦ ᐱᓕᕆᐊᕆᔭᐅᔪᑦ, ᒪᓕᒃᓯᒪᔪᑦ ᐅᔾᔨᕆᐊᑦ ᐊᒻᒪ ᐱᓕᕆᐊᔪᕆᐊᑦ ᐱᓕᕆᐊᓄᑦ, ᑕᒪᑯᐊ ᓴᐃᓐᓂ ᐊᑕᐅᓯᐊᑦ, ᐊᐅᓪᓚᕐᓇᖅᑐᒥ ᓴᐃᓐᓂ ᐃᒪᓕᕆᓂᕐᒧᑦ ᓄᓇᕗᒻᒥ ᐃᒪᐅᑉ ᑲᑎᒪᔩᖏᓐᓄᑦ
- ᑕᒪᑯᐊ ᑎᑎᕋᒃᓯᒪᔪᑦ ᖃᐅᔨᓴᖅᑕᐅᓗᑦ ᖃᐅᔨᒋᐊᕐᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᒻᒪ ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᑦ ᑲᑎᒪᔩᖏᓐᓄᑦ ᑎᑎᕋᕐᕕᖓᓂ

SECURITY ᕿᓇᐅᔭᑦ ᑐᕐᖁᓯᒪᔪᑦ

Ensuring a fair distribution of liability

ᐅᔾᔨᕆᐊᑦ ᐅᑯᐊᓂᖓ ᓇᒻᒥᖅᑐᖅ

Security ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᔪᑦ

- The KIA is in agreement with the financial security management cost recommendation of $86,519,614 which represents the current liability
- We request that total reclamation liability for the Meadowbank Mine Project is held under two instruments:
  - Kivalliq Inuit Association Commercial Land Lease; and
  - The Water License, to be held by the Minister of AANDC

- ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐊᖏᕐᒥᒃᑎᒃᑲᖅᑐᑦ ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᓂᖏᓐᓂᒃ ᑕᑯᐊ ᐅᔾᔨᕆᑦᑎᐊᓂᑦ ᐱᔪᑦ, $86,519,614 ᑕᑯᐊᓗ ᑲᒪᒋᔭᐅᓂᐊᖅᑐᑦ
- ᐅᔾᔨᕆᑦᑎᐊᑦ ᐅᑯᐊᓂᖓᓂ ᐊᖏᓯᕐᓂᖓᓄᑦ, ᐊᐳᖅᑎᓐᓇᖅᑐᒥ ᒪᕐᕉᓂᒃ ᐱᓕᕆᐊᕆᔨᑎᒃᑯᓗᐊᕐᓂᐊᖅᑐᒃ:
- ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᓄᓇᒥᒃ ᐊᑐᕐᓂᖓᓂᒃ ᑎᒍᒥᐊᕐᒪᑕ, ᐊᑐᕐᓂᖓᓄᑦ ᑭᓇᐅᔭᓂᒃ ᑐᕐᑯᓯᒪᔪᑕᐅᔪᑦ; ᐊᒻᒪ
- ᐃᒪᓕᕆᓂᕐᒧᑦ ᓚᐃᓴᑦ ᑎᒍᒥᔭᐅᓂᐊᖅᑐᖅ, ᑲᕙᒪᑐᖃᒃᑯᓂ ᐃᓄᓕᕆᔨᒻᒥᓂᑦ ᒥᓂᔅᑕᖓᓂᑦ

Security ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᔪᑦ

- KIA initially proposed equal distribution of security (50:50) 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.

- ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᓯᕗᓪᓕᕐᒥ ᐱᑦᓚᓗᐅᖅᑐᑦ ᑭᓇᐅᔭᑦ ᐊᑐᕐᓂᖏᑦ ᐊᕕᒃᑯᑎᒃ (50:50) ᐊᕕᒃᑎᒃᑯᑎᒃ ᑲᕙᒪᑐᖃᒃᑯᑦ ᐃᓄᓕᕆᔨᒻᒥᓂᒃ ᒥᓂᔅᑕᒥᒃ.
- ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᑦ ᑎᑎᖅᑲᐅᓯᐊᓚᐅᕐᒪᑕ ᑲᕙᒪᑐᖃᒃᑯᑦ ᐃᓄᓕᕆᔨᒻᒪᑕ, ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᑎᒍᒥᐊᓕᕐᓂᐊᖅᑐᑦ ᑭᓇᐅᔭᓂᒃ 78,834,710, ᐅᑯᐊ ᑎᒍᒥᐊᕈᑎᒋᓗᒋᑦ:

1. ᑭᓇᐅᔭᑦ ᐊᐅᓚᓂᖕᒋᑦ ᐊᖏᕈᑎᖕᒋᒪᑦ, ᑭᓇᐅᔭᑦ ᑎᒥᐅᔪᓂᒃ ᒪᕐᕉᓂᒃ ᑎᒍᒥᐊᖅᐸᑕ.

Security ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᔪᑦ

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.

- ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐱᓕᕆᐊᖑᒥᓂ ᑎᑎᖅᓯᒪᔪᓂ ᐅᖃᖅᓯᒪᔪᖅ, ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᔪᑦ ᐊᑐᓚᐅᓂᕐᒥᑦ ᐊᑐᓚᐅᔪᓐᓇᕐᒪᑦ ᐅᔾᔨᕆᑦᑎᐊᑦ ᐅᑯᐊᓂᖓᓄᑦ, ᐊᓯᖏᓄᑦᓗ ᐃᒪᓕᕆᓂᕐᒧᑦ.
- ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐱᓕᕆᐊᕆᔭᕆᐊᖃᖅᓯᒪᔪᖅ, ᐅᔾᔨᕆᑦᑎᐊᑦ ᐅᑯᐊᕐᓂᖅᓯᐅᑦ ᐱᓕᕆᐊᕆᔭᐅᔭᕆᐊᖃᖅᑐᖅ ᓚᓕᓚᐃᑦ ᒪᓕᒍᑎᑦ ᐊᒻᒪ ᐊᑕᓂᖅᓯᒪᔪᖅ ᓄᓇᐅᑉ ᐊᑐᕐᓂᖓᓄᑦ ᐱᕙᓪᓕᐊᓂᕐᒧᑦ.

Security ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᔪᑦ

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.

- ᐊᐳᖅᑎᓐᓇᖅᑐᖅ ᐅᔾᔨᕆᑦᑎᐊᕕᒃ ᐃᓄᐃᑦ ᓇᒥᓂᕐᓚᑦ ᓄᓇᒥ ᐱᓕᕆᐊᕆᔭᐅᒪᑦ. ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᑭᓇᐅᔭᖏᑦ ᓇᒪᒋᐊᖃᖅᑐᑦ, ᐊᑦᑎᓕᕆᓂᖅ ᐱᓕᕆᐊᖏᑦ ᓇᒪᒋᐊᖃᕐᒪᑕ.
- ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐃᓱᒪᓗᑦᑎᖃᖅᑐᑦ ᑭᓇᐅᔭᑦ ᑎᒍᒥᐊᓚᐅᔪᑦ ᒥᓂᔅᑕᒥᑦ, ᐊᑐᓚᐅᕐᒥᓇᕐᓇᐅᒐᓗᐊᖅᑐᖅ ᐱᕙᓪᓕᐊᓂᕐᒧᑦ ᐅᔾᔨᕆᑦᑎᐊᖅᑐᓂᑦ, ᑭᓯᐊᓂ ᐃᒪᓕᕆᓂᕐᒧᑦ ᐊᑐᕈᓐᓇᕐᒪᑕ ᐊᒃᓯᒪᐸᑕ; ᐊᒻᒪᓗ ᑭᓇᐅᔭᑦ ᑎᒍᒥᐊᓚᐅᔪᑦ ᓇᒪᙱᓐᓇᖅᑐᖅ ᓄᓇᐅᑉ ᐊᒃᓯᒪᓂᖓᓄᑦ.

Security ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᔪᑦ

- Compensation and security are considered separate issues by the KIA and are addressed through different processes
- The KIA acknowledge security can be reduced through progressive closure and reclamation
  - Successful reclamation decreases the potential liability of AEM, 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

[illegible]

Meadowbank Security Deposit

ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᔪᑦ ᐊᐅᑎᓐᓇᖅᑐᖅ ᐅᑯᐊᓂᖓᓂᑦ ᐊᑐᖅᑐᒃᓴᑦ

- The KIA agrees with the final reclamation cost estimate of $86,519,614.
- The KIA 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 slide.
- A summary of this financial breakdown is:

1) Land based direct costs : $56,503,981
2) Land based indirect costs : $ 22,330,729
3) Total Land Costs: $ 78,834,710
4) Water Based direct costs: $ 5,203,711
5) Water Based indirect costs: $ 2,481,193
6) Total Water Costs: $ 7,684,904

[illegible]

1. [illegible] 56,503,981
2. [illegible] 22,330,729
3. [illegible] 78,834,710
4. [illegible] 5,203,711
5. [illegible] 2,481,193
6. [illegible] 7,684,904

Meadowbank Security Deposit

Summary of Security Cost Estimate		
Cost Item	Sub-Total	Component
Direct Costs		
Open Pit	5,400	Water
Surface and Groundwater Management	5,198,311	Water
Sub-Total Water Related Costs (10% of Direct Costs)	5,203,711	
Tailings Storage Facility	38,718,200	Land
Portage Waste Rock Facility	6,004,827	Land
Buildings, Equipment and Infrastructure	10,574,770	Land
Chemicals and Contaminated Soil Management	1,206,184	Land
Sub-Total Land Related Costs (90% of Direct Costs)	56,503,981	
Sub-Total Direct Costs	$61,707,692	
Indirect Costs		
Mobilization /Demobilization	4,782,800	
Post Closure Monitoring and Maintenance	2,972,373	
Post Abandonment Interim Care & Maintenance	1,860,128	
Engineering (5%)	3,085,385	
Project Management (5% of direct costs)	3,085,385	
Contingency (15% of direct costs)	9,256,154	
Sub-Total InDirect Costs	$24,811,922	
Total Land Related Costs (90% of InDirect Costs)	$22,330,729	
Total Water Related Costs (10% of InDirect Costs)	$2,481,193	
GRAND TOTAL	$86,519,614	

Meadowbank Security Deposit

ᐊᐅᖅᑎᓐᓇᖅᑐᖅ ᐅᑯᐊᓂᖓᓂᑦ ᑭᓇᐅᔭᑦ ᑐᕐᑯᓯᒪᔪᑦ

- The KIA does not wish to over-bond on this project, however, the KIA is required to hold adequate security to protect its interests. This protection will be based on the following provisions within the Production Lease:

1) AEM must deposit a Reclamation Security Deposit with the KIA. The final amount is based on the AEM's Reclamation Plan.
2) The Reclamation Security Deposit can be accessed by the KIA if AEM breaches any material term, covenant or condition of the Lease pertaining to its obligations relating to the environment or abandonment of the Meadowbank Project, and fails to remedy such breach within the time permitted under the Lease.
3) If the KIA draws on the Reclamation Security Deposit, AEM must, within five (5) business days ' receipt of written notice from the KIA, increase the Reclamation Security Deposit by the amount that was drawn on by the KIA
4) If at any time the Reclamation Plan identifies an increase in costs for reclamation of the Project, AEM must, within five (5) business days ' receipt of written notice from the KIA, increase the Reclamation Security Deposit by the amount of such increase in costs.

[illegible]

Meadowbank Security Deposit

ᐊᐳᖅᑎᖑᓇᖅᑐᖅ ᐅᑯᐊᕐᓂᖓᓄᑦ ᑭᓇᐅᔭᑦ ᑐᕐᖁᓯᒪᔪᑦ

5) The Reclamation Security Deposit must be in a form and content acceptable to the KIA. In the normal course, the KIA would require a Letter of Credit, which will ensure it may be accessed by the KIA regardless of AEM's financial circumstances.

6) Upon receipt of confirmation from all regulatory bodies governing the Meadowbank Project that AEM has fulfilled all project closure and reclamation requirements, the KIA will release the Reclamation Security Deposit to AEM.

5. ᐊᐳᖅᑎᖑᓇᖅᑐᖅ ᐊᑯᐊᖅᐸᑦ ᓄᓇᐅᑉ ᐊᑭᓯᓂᖓᓄᑦ, ᑭᓇᐅᔭᑦ ᑐᕐᖁᓯᒪᔪᑦ ᐊᓕᔭᕐᕕᓂᖏᑦ ᓇᒻᒥᓂᐊᖅᑐᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓐᓄᑦ. ᑭᓯᐊᓂ ᐊᓯᐅᑕᐅᓚᐅᖅᑐᖅ ᑭᓇᐅᔭᓕᐅᕐᓂᕐᒧᑦ ᑎᑎᖅᑲᒧᑦ, ᐊᒻᒪ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᑎᑎᖅᑲᓯᐅᑎᔪᖅᑐᑦ ᑭᓇᐅᔭᑦᑎᓇᔾᔨᑎᒥᒃ, ᐅᔭᕋᖕᓂᐊᕐᓂᑦ.

6. ᑭᓇᐅᔭᑦ ᑕᒪᐃ ᐊᓇᕐᑕᐃᓕᔪᑕᐅᒪᑕ, ᐊᖏᕐᓂᒃ ᐃᑯ ᐅᔭᕋᖕᓂᐊᕐ ᑭᓯᐊᓂ ᑐᓂᑲᓂᖃᔭᖅᑕᖏᑦ ᐅᔭᕋᖕᓂᐊᓄᑦ, ᐊᒻᒪ ᐅᔭᕋᖕᓂᐊᕐ ᑎᑎᖅᐳᓯᐊᖅᓯᒪᓇᔭᖅᑐᑦ ᐊᐳᖅᑎᖑᓇᖅᑐᑦ ᐅᑲᐊᓐᓂᖓ ᓇᓚᖓᓕᑦ, ᑎᒥᐅᔪᓂᖅᑕᓂᑦ ᐱᓕᕆᐊᖅᑕᐅᔪᓂᑦ. ᑭᓇᐅᔭᑦ ᑐᓂᔭᐅᓕᖃᔭᖅᑐᑦ ᐊᖏᕐᓂᒃ ᐃᑯ ᐅᔭᕋᖕᓂᐊᓄᑦ, ᑕᑯᐊ ᓇᐅᑦᓯᐅᒪᑕᐅᓗᐅᕆᑦ ᐅᑯᐊᕐᓯᐊᕐᓂᖓᓄᑦ ᐅᔭᕋᖕᓂᐊᕐ.

Security ᑭᓇᐅᔭᑦ ᑐᕐᖁᓯᒪᔪᑦ

- The KIA further confirm that the KIA and AEM executed a Water Compensation Amending Agreement
- This includes compensation in relation to the following changes to the Meadowbank Project:
  - Expanded Portage tailings storage facility;
  - Expanded Portage waste rock storage facility;
  - Airport runway expansion;

- ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᑐᑭᓯᒋᑦᑐᑦ ᐊᑭᓯᐅᑎᓯᒪᔪᓐᓂᖏᓐᓄᑦ, ᐱᓕᕆᖃᑎᒌᖑᔪᑦ ᐊᖏᕐᓂᒃ ᐃᑯ ᐅᔭᕋᖕᓂᐊᑦ, ᐃᒪᖅ ᐃᓚᓕᐅᓂᖏᓐᓄᑦ ᐊᑭᓕᖅᓱᐃᓂᖓ ᓯᓇᑐᐃᓇᖏᑦ ᖃᓚ ᐊᖏᕈᑎᑦ ᐱᓕᕆᐊᓇᔾᔨᒪᓕᑦ
- ᑭᓇᐅᔭᑦ ᐊᑐᕐᓂᐊᖅᑐᑦ ᐊᐳᖅᑎᖑᓇᖅᑐᒥ ᐃᓚᓕᐅᓂᐅᑉ ᐊᓪᓚᔪᖅᐸᓕᐊᓂᖓᓄᑦ, ᑕᓇ ᐊᑭᓯᒪᓕᑦ, ᐅᑯᐊᓗ ᐊᓪᓚᔪᓇᕐᓂᖓᓄᑦ:
- ᐊᖅᑕᖃᕐᕕᒃ ᐊᖏᓕᒋᐊᓂᖓ ᐊᐳᖅᑎᖑᓇᖅᑐᒥ;
- ᐅᔭᕋᐃᑦ ᐊᑐᖏᓕᖅᑐᑦ ᑐᕐᖁᕕᖓ ᐊᖏᓕᒋᐊᓂᖓᓄᑦ;
- ᒥᑦᑕᕐᕕᒃ ᐊᖏᓕᒋᐊᓂᖓᓄᑦ;

Security ᑭᓇᐅᔭᑦ ᑐᕐᖁᓯᒪᔪᑦ

- This also includes compensation in relation to:
  - Vault dyke addition;
  - Loss of Vault Lake with Vault open pit;
  - Addition of the Vault waste rock storage facility; and
  - Inclusion of additional funds for environmental monitoring costs.

- ᑭᓇᐅᔭᑦ ᐊᑐᕐᓂᖏᑦ ᐅᑯᓄᖓ ᐸᕐᓇᒍᑕᐅᓯᒪᔪᑦ:
- ᐃᒪᐅᑉ ᓴᐳᒥᐅᑉ ᐊᐃᓕᑎᐊᓂᖓ Vault ᐅᔭᕋᖕᓂᐊᕐᕕᒥ
- ᑕᓯᐅᑉ Vault ᐊᑐᖅᐸᓕᐊᓂᖓᓄᑦ ᐊᒻᒪ ᐅᔭᕋᖕᓂᐊᕐᕕᖓᓄᑦ;
- ᑭᓇᐅᔭᑦ ᐃᓚᔭᐅᑕᓂᐊᖅᑐᑦ ᐊᐊᕿᐅᑦ ᖃᐅᔨᓴᕐᓂᖓᓄᑦ.

QUESTIONS?

ᐊᐱᖅᓱᑎᒃᓴᑦ ?