

Date: February 10, 2006

Exhibit No.: 3



Hutchinson
Environmental Sciences Ltd



MELIADINE TYPE A WATER LICENSE

ፕላንናፕላንብል ማረጋገጫ ለፍጥነት ለማረጋገጥ

**Community Meeting
February 10-11, 2016,
Rankin Inlet, NU**

ጠቅላይ ፍርድ ቤት
 ጥቅምት 10-11, 2016
 ክብርታዊ ጥያቄ



Kivalliq Inuit Association

የሮጅናል ልዩነት ከጋር ትባራ



Overview

- Our review was comprised of 27 separate information requests and technical comments
- We have communicated with AEM over the seven months, clarifying issues and reaching resolutions on almost all issues
- All resolutions are documented for the public record:
 - In our technical submissions
 - Through a list of technical commitments AEM has made to improve the project.
 - These commitments are the result of our discussions with them and are recorded by the Nunavut Water Board

Cdr P. J. ...

- [illegible]



OVERVIEW OF CONCERNS

$$CdR \triangleleft^a \sigma^b \quad \Delta r \dot{L} \triangleleft \sigma^b$$


Freshwater Quality

ΔΛΓΟΛΟΓΟΙ 'ΕΞΕΛΑΘΗΣ

Concerns

- KIA-WL-04, 06, 11, 19, 22, 23
- Freshwater quality in the collection ponds at closure
- Use of Inuit Qaujimajatuqangit to monitor the freshwater environment
- Contact water at Itivia Harbour
- Discharges from the Meliadine sewage treatment plant
- Adequate treatment of process water prior to discharge

ΔΕΛΤΑ

- የዶሮፋር ልማት ከጋንጓኤባቦታ -
ለፒሪ ርዕሰ-04, 06, 11, 19, 22,
23
- ልማትና የልማት ድጋፍ
ከጋንጓኤባቦታ ርዕሰ
ጋንጓኤባቦታ
- ልማትና የልማት ድጋፍ
ከጋንጓኤባቦታ ርዕሰ
ልማትና የልማት ድጋፍ
- ልማትና የልማት ድጋፍ
ከጋንጓኤባቦታ ርዕሰ
ልማትና የልማት ድጋፍ

Freshwater Quality	ᐱᓕᓕᐱᓐᓂᓐᓂᓐ
Status	ᐱᓐᓂᐱᓐᓂᓐ
● AEM has agreed to: - Update standards for freshwater in the collection ponds after the mine has closed - Work with the KIA to incorporate Inuit Qaujimajatuqangit into monitoring and determining the significance of observed changes - Continue to use established standards when dealing with contact water at Itivia - Treat process and contact water as needed to ensure it is safe for discharge to Meliadine Lake	● ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ - ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ - ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ - ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ - ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ ᐱᓐᓂᐱᓐᓂᓐ

	
Saline Water	CnDc ^b ΔL ^c ^b
Concerns ● KIA-WL-05 ● Operations at Meliadine will come into contact with saline groundwater below the permafrost ● There is currently no long term plan to safely dispose of the saline groundwater	ΔrLcDc^c ● P^ac^cr^cΓ ΔoΔ^c bJ^ay^bnO^bd^c – ΔL^cJ^c cΔh^ar – 05 ● Λ^cr^cLσD^ar^b C^rr^cr^cD^ar^c Δ^bj^bC^Dσ^cb^cσ^ad^bj^b CⁿD^sJ^c ^sd^ar^bσ^D< ΔC^J^c ● İ^ac^aD^ar^b r^gσ^bh^J D^sr^bj^J <^saΔ^rL^mr^cj^c Δ^cC^am^rcj^bd^c Λ^bΔa^bs^cJ^c CⁿD^sΓ^b ΔLⁿD^ad^b^c

Saline Water	Cultural ΔL ^{9b}
Status	ኤጳጵጵ
• The KIA have required that a saline water management plan is developed prior to any discharges to the environment • Environment Canada will need to provide AEM with timely guidance based on the Metal Mining Effluent Regulations so that the project can safely proceed as scheduled	• የድረ-ፍጥ ልዩ ልዩ ስርዓት ለጥንታዊው ልማት ኤጳጵጵ ስርዓት ለጥንታዊው ልማት ኤጳጵጵ ስርዓት ለጥንታዊው ልማት • የድረ-ፍጥ ልዩ ልዩ ስርዓት ለጥንታዊው ልማት ኤጳጵጵ ስርዓት ለጥንታዊው ልማት ኤጳጵጵ ስርዓት ለጥንታዊው ልማት

[illegible]

[illegible][illegible]

[illegible]

Environmental Monitoring

ᐃᓚᑎᑦᑕᓂᓄ ᖃᐅᔨᓗᏈᓂᖃ

Concerns

- KIA-WL- 07, 08, 10, 12, 15, 16
- Insufficient monitoring locations were proposed for effluent discharges to Meliadine Lake near the diffuser
- No monitoring locations were proposed near Itivia Harbour
- Uncertainty existed in the quality control procedures and for the environmental monitoring analytical standards
- The fish tissue baseline had not been updated
- Some water quality monitoring locations were not part of the adaptive management framework

ᐃᔪᒻᓴᑕᐅᓇᑦ

- ᐆᓇᑦᑕᑦᑭ ᐃᓄᐃᑦ ᐅᔨᔩᖃᑎᑦᐅᑦ - ᐃᒪᑦᑭ ᑕᐱᓗᑦᑭ - 07, 08, 10, 12, 15, 16
- ᖃᐅᔨᓗᏈᓂᖃᓴᑦ ᐊᑭᑦᑭᓂᓴᑦ ᐃᔪᒻᓴᑕᐅᓇᑦᑭ ᓴᖃᓄᑦᑭᖃᑦᓴᖃᑦᑕᑦ ᑕᔪᓴᑦᐊᑦᑭᑦ ᔪᔪᓴᖃᑎᖃᐃᓇᑦᑭᓂᓄ
- ᖃᐅᔨᓗᏈᓂᖃᓂᓄ ᓇᑕᓇᓇᓂᓴᔪᓴᖃᓂᓴᑭᑦᑭᑦ ᐃᑎᐃᐊᑭ
- ᓇᑕᓇᓇᑦᑭᑦ ᑕᐱᒫᑕᐅᓇᓂᓴᑭᑦ ᖃᓄᐃᑦᓂᓴᓄᓂᓴᓄᓂᓴᑦ ᐅᒪᓇᑦᑕᐊᓂᑦᑭᑦ ᐊᑕᐱᒪᓴᒪᓂᓴᓂᓴᐅᑦᐊᑦ ᐊᓴᑭ ᐊᓚᑎᓂᑦᐊᑦ ᖃᐅᔨᓗᏈᓂᖃᑦᑭᑦ ᐊᑕᐱᒪᓴᒪᓂᓴᓂᓴᐅᑦᐊᑦ
- ᐃᖃᓄᐃᑦ ᓂᓴᓴᑦᑭᑦ ᖃᓄᐃᑦᓂᓴᑭᓂᓴᓄᓂᓴᑦ ᓇᑕᓇᓇᓂᓴᑕᑦ ᐊᖃᓄᑭᑦᐊᖃᑕᐅᒻᓴᑭᑦᑭᑦ
- ᐃᑕᓴᑦᑭᑦ ᐃᒫᑕᑦ ᖃᓄᐃᑦᓂᓴᓄᓂᓴᓄᓂᓴᑦ ᖃᐅᔨᓗᏈᓂᖃᑦ ᐃᑕᐅᓂᖃᑕᐅᒻᓴᑭᑦᑭᑦ ᔪᓴᑦᑭᑦᐅᑎᓂᑦᑭᑦ ᐊᐅᑕᑦᑎᓴᑦᑎᓂᑦᐊᑦ

[illegible]

Security

ᐅᓇᑦᑐᒃ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ

- The Kivalliq Inuit Association, Indigenous and Northern Affairs Canada, and AEM have agreed to a security estimate of \$49,554,667
 - This amount is sufficient to complete the required reclamation as outlined in the AEM Closure and Reclamation Plan should that become necessary.
- ᐸᓷᓪᓗ ᐅᓇᑥᓴᔭᐱᕋᖁᓄᓂ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ
ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ
 $\$49,554,667 - \text{J}$
- ᐸᓷᓪᓗ ᐅᓇᑥᓴᔭᐱᕋᖁᓄᓂ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ
ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ
ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ
ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ
ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ
ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ ᕈᓴᔭᐱᕋᖁᓄᓂ ᕐᓵᓄᓚᓲᓪᓰᓯᓶᕆᙳᖅ

Security Management Agreement

የባለቤቱ ስም ለማረጋገጥ የሚያስፈልግ የሰነድ አይነት ይጻፍ፡

- The Kivalliq Inuit Association and Indigenous and Northern Affairs Canada are working to finalize a Security Management Agreement
- The current draft agreement supports a 50:50 split in the security to be held equally by the Kivalliq Inuit Association and Indigenous and Northern Affairs Canada

CONCLUSION

ΛΔσΓΔΡΝ

AEM has worked with the KIA to resolve our concerns and we hope to be in agreement on all issues at the conclusion of the public hearings or, if not, to provide the NWW with evidence to support KIA concerns in their decision. b6
b7C



QUESTIONS?

ᐅᐱᓐᓂᐅᐅᓐ?



Kivalliq Inuit Association

ᐱᓐᓂᓐᓂᓐ ᐅᐱᓐᓂᐅᐅᓐ

