



Crown-Indigenous Relations
and Northern Affairs Canada

Relations Couronne-Autochtones
et Affaires du Nord Canada

Agnico Eagle Mines Limited's Meliadine Extension Project Proposal

ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ
ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ



2



Canada

NIRB Public Hearing

Crown-Indigenous Relations and Northern Affairs Canada

Rankin Inlet, September 12-20, 2023

ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ (NIRB)

ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ

ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ

ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ (CIRNAC)

ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ ᐱᑦᑭᑦᑲᑦ 13-20, 2023



2

▷^ᶜᵇ▷^ᶜᶜΔᶜ▷^ᶜσ^{ᶜᵇ}◁^ᶜL NIRB
Λᶜ◁ᶜᵇᵇᶜ

- **ከፍተኛ ሥልጣን ለሰጠው ሕግ**
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ
- **ሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ**
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ
- **ሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ**
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ
 ለሕግ አፈጻጸም ስልጣን ለሰጠው ሕግ



- Environmental impact assessment methodology and best practices assessment
- Surface water quality and quantity
- Groundwater quality and quantity
- Marine water quality as affected by activities on the land
- Permafrost
- Vegetation
- Waste management
- Crown land contamination

[illegible]

5

ᐃᑦᓴᒃᕈᖅ ᐱᔭᐸᐳᓂᐣᕐ

- **TRC #5: Total Dissolved Solids (TDS) Concentrations in Collection Pond 1 (CP1)**
 - CIRNAC requested that Agnico Eagle present a detailed quantitative description of the factors that resulted in predicted TDS concentrations in CP1 being reduced by more than 70 per cent under the proposed Meliadine Extension
 - Agnico Eagle provided the requested information

- [illegible]



[illegible]

- [illegible]



[illegible]

- [illegible]





Concerns resolved with commitments by Agnico Eagle

- **TRC #1: Discovery Waterline**
 - CIRNAC recommends that, if approved, relevant terms and conditions in the Project Certificate be revised to include a requirement that the Discovery waterline be designed, constructed, and operated in a fashion that implements the same environmental impact controls as are required for the approved waterline from the Meliadine Mine to Itivia Harbour.
- Agnico Eagle's commitment to the suggested Terms and Conditions revisions resolves this concern

ΔΓΛΖΟΓΓΛΔΡΨ ΔΨΡΒCDΨ ΛΡΛσΨΓC ΔΨΘΔ ΔΔ

- **TRC #1: ΟΨΘΔ ΔΓJΨ ΡΨΖCΨ**
 - CIRNAC ΔΨΒΔΡΔΔΨJΔΨJΨC,
ΔΨΡΨCDΨ<C, ΛΡΔCDΨΔC ΛΡΨΔΠC
ΔΨL LΓΓΔΨC ΛCΔΨΔΨ< <ΔΨ<C
ΔCΓΔΖΔΡΔΠC ΔΨΡΒCDΨσ ΔCΓΔΓJ
ΔJΔΨΔΠΔΔCΨ ΨΒΔΡΔΔΨC (ΟΨΘΔ)
ΔΓJΨ ΡΨΖCΨ ΨΨCDΨΠΨ, ΨΔΠΔΠΠΨ,
ΔΨL ΔΔCΔΨσ ΔJΨCDΨC ΨΔΨΠC
ΔCΠCΓσΨJΨ ΔΨJΔσΔΨΔC
ΔΔCΨΠσΨJΨ ΔJΔΨΔΨΔΨΔΨC
ΔΨΡΨCDΨΔΨ ΔΓJΨ ΡΨΖCΨ ΓCΠΨ
ΔΨCΨΔΨΔΨΓC ΔΠΔΔΨ ΡΨΨΔΔC.
- ΔΨΘΔ ΔΔ ΛΡΛσΨΓC ΔΨΒΔΡΔΨC
ΛΡΨΔΠC ΔΨL LΓΓΔΨC ΔΨΡΒCDΨC
ΔΨΡΒΔσΔΨJΨ CΨΓJΨ
ΔΒΔΨΡCΔΠCDΨΔC



$\Delta^{\dot{r}} \dot{L}^{\dot{r}} \dot{N}^{\dot{r}} \dot{r}^{\dot{r}} \triangleright^{\dot{r}} \dot{r}^{\dot{r}} \triangleleft^{\dot{r}} \dot{p}^{\dot{r}} \dot{C}^{\dot{r}} \triangleright^{\dot{r}} \dot{r}^{\dot{r}}$
 $\wedge^{\dot{r}} \dot{L}^{\dot{r}} \sigma^{\dot{r}} \dot{r}^{\dot{r}} \dot{C}^{\dot{r}} \triangleleft^{\dot{r}} \dot{\sigma}^{\dot{r}} \dot{d}^{\dot{r}} \dot{\Delta}^{\dot{r}} \dot{d}^{\dot{r}}$

- **TRC #2: In-Pit Disposal of Tailings and/or Waste Rock**
 - CIRNAC proposes a new term and condition be incorporated into Project Certificate requiring Agnico Eagle to submit additional analyses to the Nunavut Water Board for review and approval before in-pit disposal of tailings or waste rock
 - CIRNAC considers the issue to be resolved conditionally

- [illegible]



Concerns resolved with commitments by Agnico Eagle

- **TRC #3: Temporary Storage of Saline and Surface Contact Water in Pits**
 - CIRNAC requested that Agnico Eagle provide operational details on the storage of water in pits and pit-specific quantitative analysis of interactions between stored water and the groundwater system
 - The issue is resolved conditionally, provided that Agnico Eagle commits to submitting this information as evidence to the Nunavut Water Board's ongoing Meliadine Extension Water Licence Amendment process

ΔΓΛΖΟΠΡΥΔΥΤΉ ΔΨΡΒΧΔΥΤΉ ΛΥΛΣΥΡΧ ΔΒΘΔ ΔΔ

- **TRC #3: ΔΔΣΔΣΥΡΧΔΨ
ΔΨΔΨΥΛΥΤΣΥ ΧΗΔΥ ΔΥΛ ΨΨΛΣΥ
ΔΒΧΔΣΥΡΧ ΔΓΥΥ ΥΔΥΛΥΤΣΥ**
 - CIRNAC – ΔΥ ΔΥΥΨΥΥΛΥΤΉ ΔΒΘΔ ΔΔ
ΛΥΥΠΨΥΥΠΨ ΔΔΥΧΔΥΥΔΥ
ΔΠΥΔΥΠΔΨΔΣΥ ΠΠΨΥΥΛΥΤΉ ΔΨΔΥΨΨ
ΔΓΥΥ ΥΔΥΔΥΥΛΥΤΉ ΔΥΛ
ΥΔΥΔΥΥΛΥΤΉ – ΔΥΔΥ ΔΓΥΥΣΥΡΧ
ΨΠΨΥΔΨΧΔΥΤΉ ΒΧΥΨΨΠΨΠΥΥΥΥΥ
ΔΨΔΨΧΔΥΥΛΥΤΉ ΔΥΥ ΔΥΛ ΔΛΔΥ ΔΠΔΥ
ΔΧΘ ΨΨΔΨΣΥΔΥΔΥΤΉ
 - ΔΒΔΣΥΥΥΥΥΥΥΥ ΔΨΡΒΧΔΥΥΛΥΨ
ΨΨΔΨΣΥΔΥΔΥΔΥ, ΔΣΥΥΥΛΥΤΉ ΔΒΘΔ
ΔΔΔΥ ΛΥΛΥΨΥΔΥ ΔΣΥΥΔΥΥΠΨ ΧΨΥΛ
ΔΠΥΔΥΥΠΨΥΔΣΥ ΛΥΧΗΔΠΠΥΔΥΠΨ
ΔΣΥΥΥ ΔΔΥ ΔΛΥΠΨΔΥ ΒΠΠΥΨΥΔΥ
ΒΥΥΔΥ ΓΥΠΨ ΔΨΨΔΥΔΨΧΔΥΔΥ ΔΓΥΥ
ΥΔΥΨ ΔΨΡΥΔΨΧΔΥΥΥΥ ΛΥΔΠΠΥ



$\Delta^{\dagger} \bar{L} \gamma_5 \nu_L \triangleright \psi^c \triangleleft^{qb} p^b C \triangleright \psi^c$

$\Lambda^{\dagger} L \sigma^{\mu\nu} f_C \triangleleft^b \tilde{\sigma}_\mu d \dot{\Delta} d$

- **TRC #4: Minimizing Discharges to Meliadine Lake**
 - CIRNAC requested that Agnico Eagle indicate what steps will be taken to minimize or eliminate discharges to Meliadine Lake
 - Agnico Eagle maintains that the proposed Meliadine Lake discharge volumes were assessed previously. CIRNAC strongly encourages Agnico Eagle to take action to address the Kivalliq Inuit Association's request to minimize discharges to Meliadine Lake

- [illegible]



$$\Lambda \Delta \sigma^{\leq} \prec \prec \prec \Delta \sigma^{\leq b}$$

- CIRNAC identified areas of concern and Agnico Eagle provided required information and/or made commitments to address them
- Agnico Eagle's responses and commitments have sufficiently addressed CIRNAC's concerns for the purposes of NIRB's Environmental Assessment process

- CIRNAC-ወር ልማት ስራ
 ልማት ስራ ለሀገር ልማት ስራ
 ስራ ለሀገር ልማት ስራ
 ስራ ለሀገር ልማት ስራ
 ስራ ለሀገር ልማት ስራ
 ስራ ለሀገር ልማት ስራ
- ልማት ስራ ለሀገር ልማት ስራ
 ልማት ስራ ለሀገር ልማት ስራ
 CIRNAC-ወር ልማት ስራ
 ስራ ለሀገር ልማት ስራ
 ስራ ለሀገር ልማት ስራ



ᑭᓐᓇᓂᓐ

Lᑕᓇ

Koana

Thank you

Merci

