

Meliadine Water Licence Amendment

ᑕᑭᑦᑲᑦᑲᑦ ᑕᑲᑦᑲᑦ ᑕᑲᑦᑲᑦ
ᑕᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦ

Nunavut Water Board Final Hearing

ᑕᑲᑦᑲᑦ ᑕᑲᑦᑲᑦᑲᑦ
ᑕᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦ

September 11-12, 2024
Rankin Inlet, NU



AGNICO EAGLE

ᑕᑲᑦᑲᑦᑲᑦ 11-ᑕᑲᑦᑲᑦ, 2024-ᑕᑲᑦᑲᑦ
ᑕᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦ



PRESENTATION SUMMARY

- Meliadine Mine Water Licence Amendment Description
- Public Engagement and Community Response Update
- Conclusion Technical Overview
- Security and Water Compensation
- Water Licence Wording

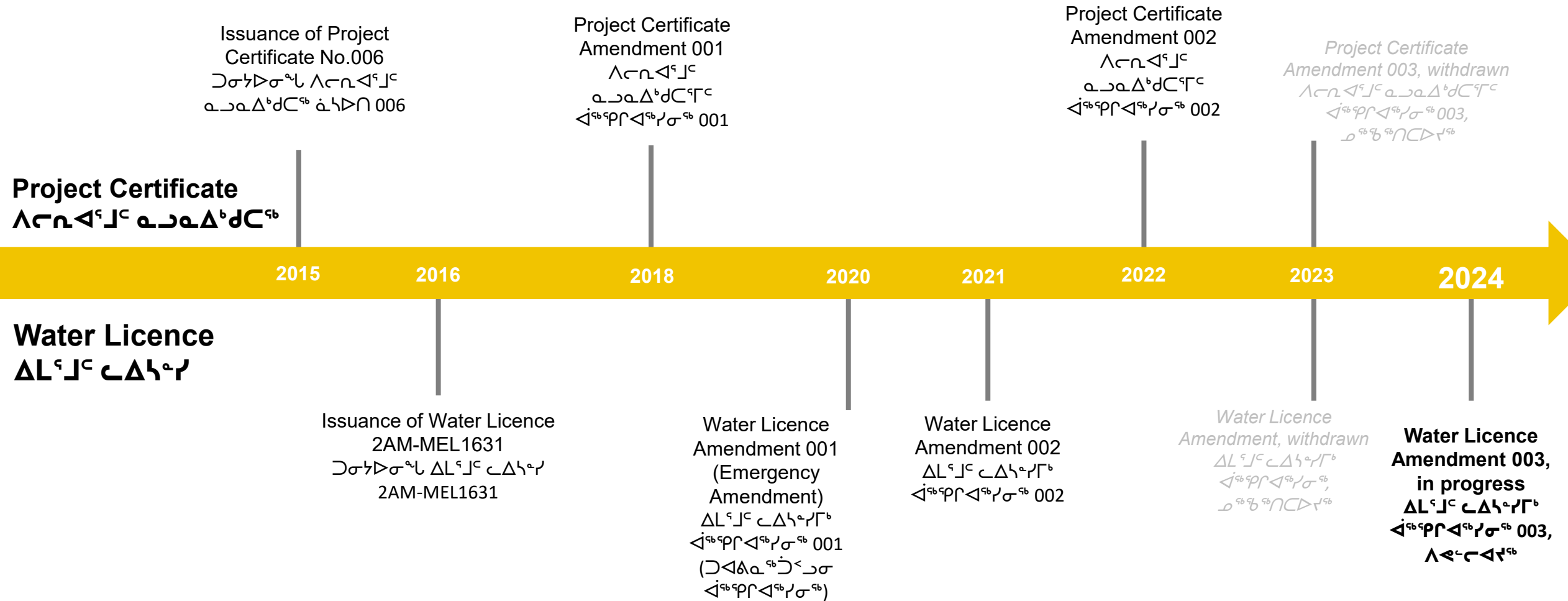
ᑕᑭᑦᑲᑦ ᐱᑦᑲᑎᑦ



- ᑕᑭᑦᑲᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ
- ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ
- ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ
- ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ
- ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ
- ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ ᐱᑦᑲᑎᑦ

MELIADINE MINE – HISTORY

C^ar^ad^aΓ^c Δ^bζ^bC_nΔ^{ab} - Λ^aν^{ab}ζ^{ab}ϰ^c



MELIADINE MINE WATER LICENCE AMENDMENT

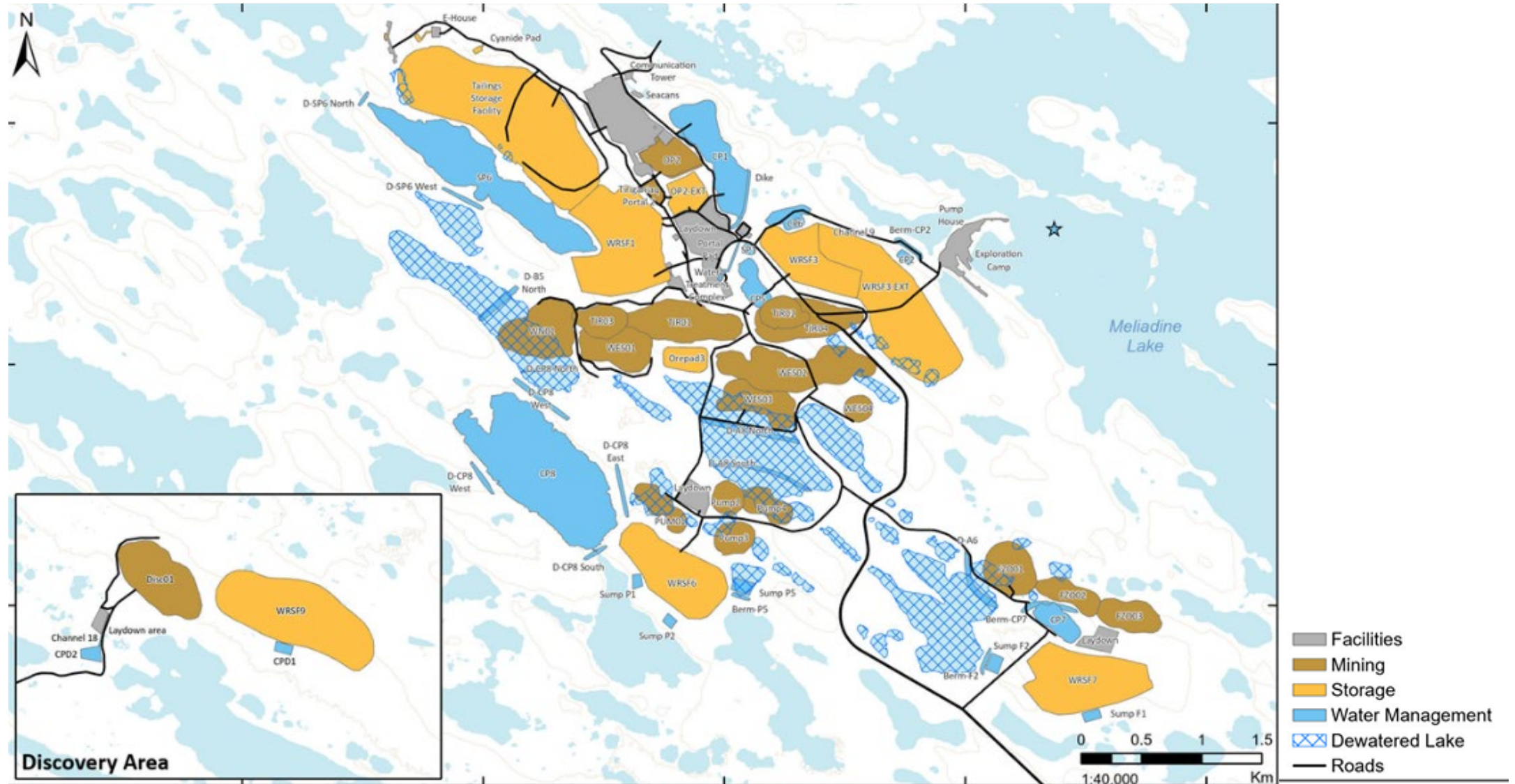
ᑕᑭᑦᑲᑦᑲᑦ ᑲᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ
ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ



Meliadine Mine Water Licence Amendment	ᑕᑭᑦᑲᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ	Approved by NIRB ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ
• Open pit mining at Wesmeg, Pump, F Zone, and Discovery.	• ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ, ᑕᑭᑦᑲᑦ, F Zone-ᑕᑭᑦᑲᑦ, ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ.	✓
• Waste rock storage facilities WRSF6 (Pump); WRSF7 (F Zone); WRSF9 (Discovery).	• ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ WRSF6 (ᑕᑭᑦᑲᑦ); WRSF7 (F Zone); WRSF9 (ᑕᑭᑦᑲᑦ).	✓
• Increase in the current diesel fuel storage at Itivia up to 80 million litres.	• ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ 80 ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ.	✓
• Increase in the current tailings storage facility at Meliadine up to 20.6 Mm³.	• ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ 20.6 Mm³-ᑕᑭᑦᑲᑦ.	✓
• Increase in the current water use up to 1,100,296 m³/yr.	• ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ 1,100,296 m³/ᑕᑭᑦᑲᑦ.	✓
• Construction of a drainage system at Pump, F Zone, Wesmeg, and Discovery to manage and collect contact water from site.	• ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ, F Zone-ᑕᑭᑦᑲᑦ, ᑕᑭᑦᑲᑦ-ᑕᑭᑦᑲᑦ, ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ.	✓
• Dewatering of Lakes and Ponds to support mining at Pump, F Zone, Wesmeg, and Discovery.	• ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ, F Zone, ᑕᑭᑦᑲᑦ, ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ.	✓
• Construction of a saline water collection pond at Lake B7	• ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ ᑕᑭᑦᑲᑦ B7-ᑕᑭᑦᑲᑦ	✓

MELIADINE MINE WATER LICENCE AMENDMENT GENERAL SITE PLAN

ᑕᑦᖃᑦᑕᑦ ᑭᑦᑎᑦᑕᑦ ᑕᑦᑎᑦᑕᑦ ᑕᑦᑎᑦᑕᑦ ᑕᑦᑎᑦᑕᑦ ᑕᑦᑎᑦᑕᑦ ᑕᑦᑎᑦᑕᑦ

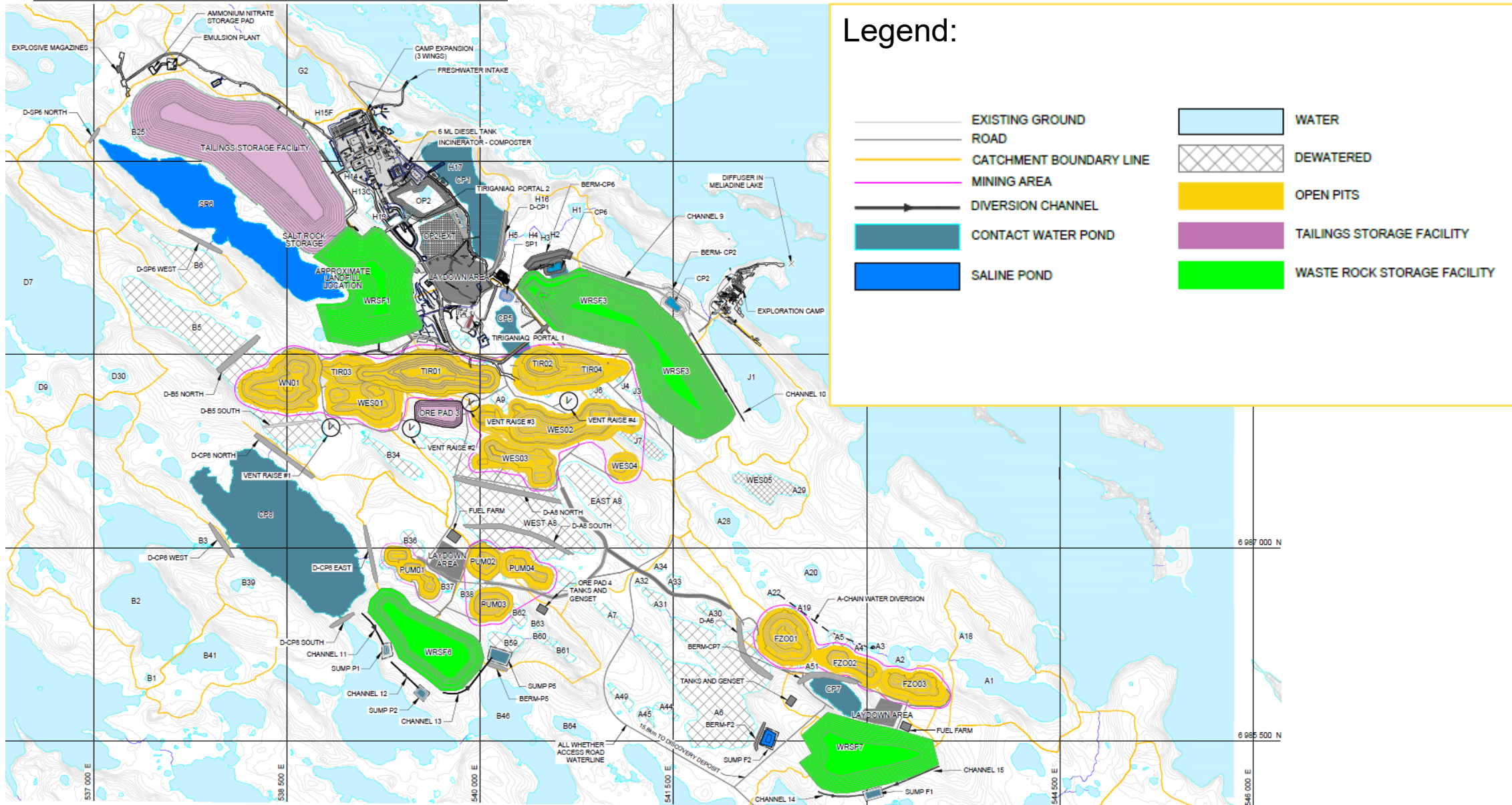


MELIADINE MINE WATER LICENCE AMENDMENT GENERAL SITE PLAN

ᑕᑦᖃᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ



AGNICO EAGLE



Public Engagement and Community Response Update

ᐃᓄᓗᑦᑕᓂᑦ ᐃᓕᐅᑎᑦᑎᓂᑦᑕᑦ
ᐃᓕᓗᓂᑦᑕᓂᑦᑕᓂᑦ
ᐃᓕᓗᓂᑦᑕᓂᑦᑕᓂᑦ
ᐃᓕᓗᓂᑦᑕᓂᑦᑕᓂᑦ



AGNICO EAGLE



2023
103 engagement activities

2024
(January – August 16)
124 engagement activities

Community Visits

- Coffee and chats
- Employment information sessions
- Pre-employment training
- Update and information sessions

Community Engagement

- Rankin KHTO
- CLO Meetings
- Community Coordinator Program
- Terrestrial Advisory Group

Elders and IQ Validation

- KEAC Annual General Meeting
- Cultural Activities
- Discussion and information sessions

Site Visits

- KWB site visit
- KIA site visit
- Community visits

2023

103 ልረጋገጥና ስራ ማጠናቀቅ

2024

(January – August 16)

124 ልረጋገጥና ስራ ማጠናቀቅ

መጽሔፍ
ርዕስ ጋራ

- ስለጋራ ስራ ማጠናቀቅ
- ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ

መጽሔፍ
ልረጋገጥና

- ስለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ

ልረጋገጥና
ሰራተኛው ጥራት ማረጋገጥ

- KEAC ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ

ሰራተኛው ጥራት ማረጋገጥ
ርዕስ ጋራ

- KWB-ወጪ ሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ
- ለሰራተኛው ጥራት ማረጋገጥ

LETTERS OF SUPPORT

ᑎᑎᑦᑖᑕ ᐃᑖᑖᑦᑕᐃᑦ

April 11th, 2024

To: Nunavut Water Board, Manager of Licensing

As members of the Kivalliq Elders Advisory Committee and Rankin Inlet elders, we are writing this letter. We are supportive of the Meliadine Mine Water License Amendment to continue the operations.

It is in our opinion that the benefits of this project would positively contribute to the Kivalliq, as such we would like to encourage the Board in completing the regulatory process in a timely manner.

As we won't be available to attend the technical meeting in person, we would like this letter to be shared at the Technical Meeting during the community session.

[Signature]

Rankin Inlet Members of the Kivalliq Elders Advisory Committee

ROSIE OLOOYUK
LEVIN BROWN
John Holley

[Signature]
Harry Towtongie
Mayor



April 8, 2024

Richard Dwyer
Manager of Licensing
Nunavut Water Board
Box 119, Gjoa Haven, NU X0B 1J0
VIA Email richard.dwyer@nwb-oen.ca

The Hamlet Council of Rankin Inlet fully supports the proposed water license amendments submitted by AEM for the Meliadine Mine.

The water license amendment is necessary for Meliadine Mine to continue operations.

It is the council's opinion that the benefits of this project, would positively contribute to the Hamlet of Rankin Inlet, as such we would like to encourage the Board in completing the regulatory process in a timely manner.

We have no concerns with the amendment at this time.

We would like this letter to be shared at the technical meeting during the community session.

Sincerely,



HAMLET OF ARVIAT
904 6th Street
P.O. Box 150
Arviat, Nunavut, X0C 0E0
Phone 867-857-2841
Facsimile: 867-857-2519
e-mail: sao@arviat.ca

April 10, 2024

To: Nunavut Water Board
Manager of Licensing

As Mayor of the Hamlet of Arviat, I am writing this letter on behalf of the Hamlet Council. We are supportive of the Meliadine Mine Water License Amendment to continue their operations.

It is in the council's opinion that the benefits of this project, would positively contribute to the Hamlet and the people of Arviat, as such we would like to encourage the board in completing the regulatory process in a timely manner.

The Hamlet of Arviat has no concerns with the amendment at this time.

We would like this letter to be shared at the technical meeting during the community session.

If you have any questions, please feel free to contact myself at any time.

Yours truly,

[Signature]
Mr. Joe Savikataaq Jr.
Mayor of Arviat

Agnico Eagle | NWB Final Hearing
ᐃᑖᑖᑦᑕ ᐃᑖᑖᑦᑕ ᐃᑖᑖᑦᑕ ᐃᑖᑖᑦᑕ ᐃᑖᑖᑦᑕ ᐃᑖᑖᑦᑕ



Office of the Mayor
Municipality of Baker Lake

April 3rd 2024

To: Nunavut Water Board, Manager of Licensing

As Mayor of the Hamlet of Baker Lake, I am writing this letter on behalf of the council. We are supportive of Agnico Eagles submission for the Meliadine Mine Water License Amendment to ensure the current life of the mine to 2031.

It is in the council's opinion that the benefits of this project, would positively contribute to the Hamlet of Baker Lake, and as such we would like to encourage the Board to complete the regulatory process in a timely manner.

The Hamlet council has no concerns with the amendment, at this time.

As we cannot attend in person, we would like this letter to be shared at the Technical Meeting during the community session.

Sincerely,

[Signature]
Kevin Iksiktaaryuk
Mayor

June 5th

To: Nunavut Water Board, Manager of Licensing

We, the members of the Akqitit Kivalliq Elders Advisory Committee and esteemed elders of Kivalliq, are writing to express our strong support for the Meliadine Mine Water License Amendment to continue its operations.

We firmly believe that the continuation of this project will bring significant benefits to the Kivalliq region, including economic development and job creation. The positive impact on our community's prosperity and well-being cannot be overstated. Therefore, we urge the Water Board to expedite the regulatory process.

As we are unable to attend the Public Hearing in person, we respectfully request that this letter be shared during the community session to represent our collective endorsement and support for the Meliadine Mine Water License Amendment.

Thank you for your attention to this important matter.

Sincerely,

Akqitit Kivalliq Elders Advisory Committee

Vice Chair John Awaala

[Signature]

Member, Louis Oklaga

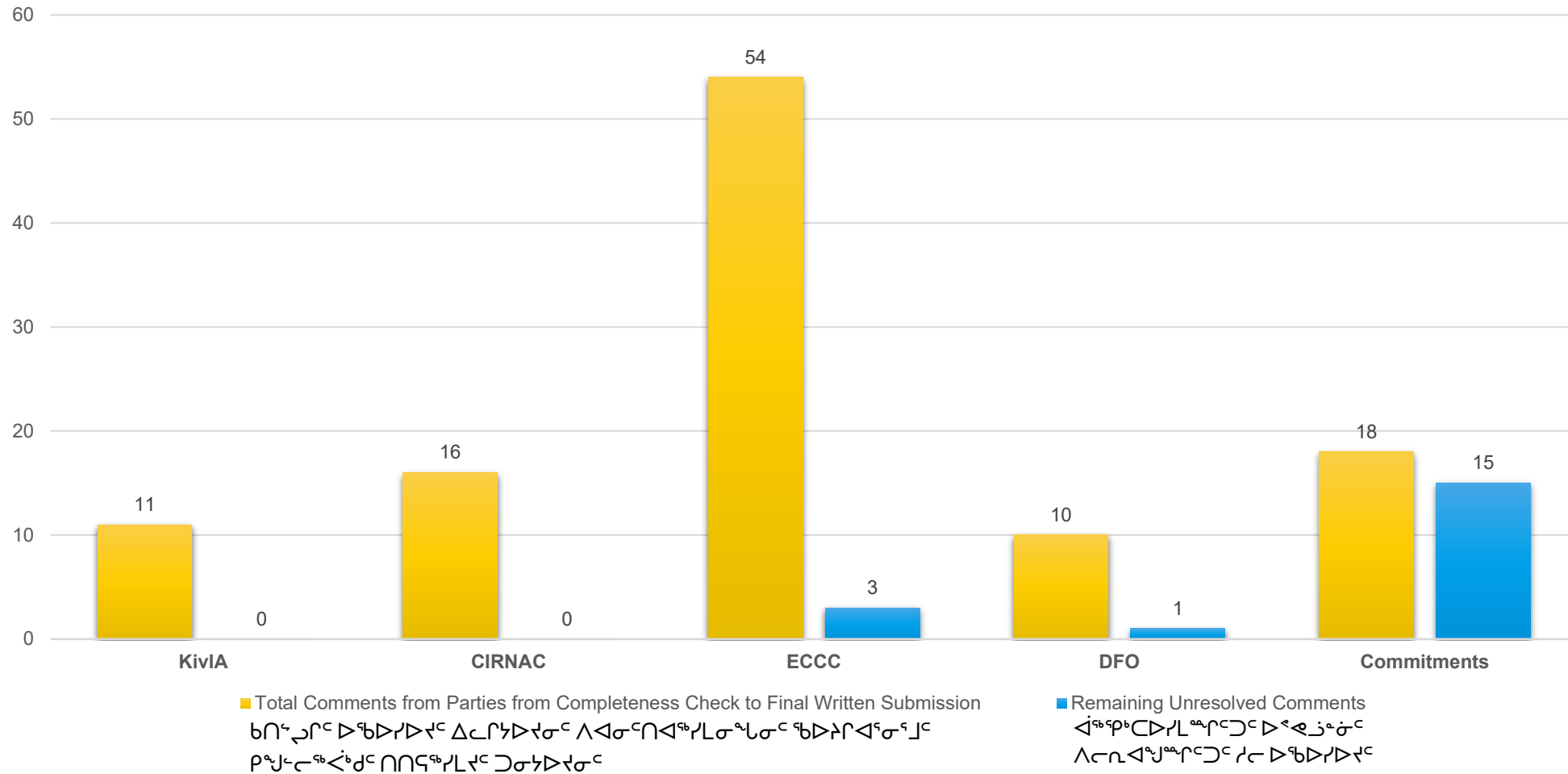
[Signature]

ᠠᠴᠢᠨᠳᠦᠳᠦ ᠠᠵᠢᠨᠨᠦᠳᠦ

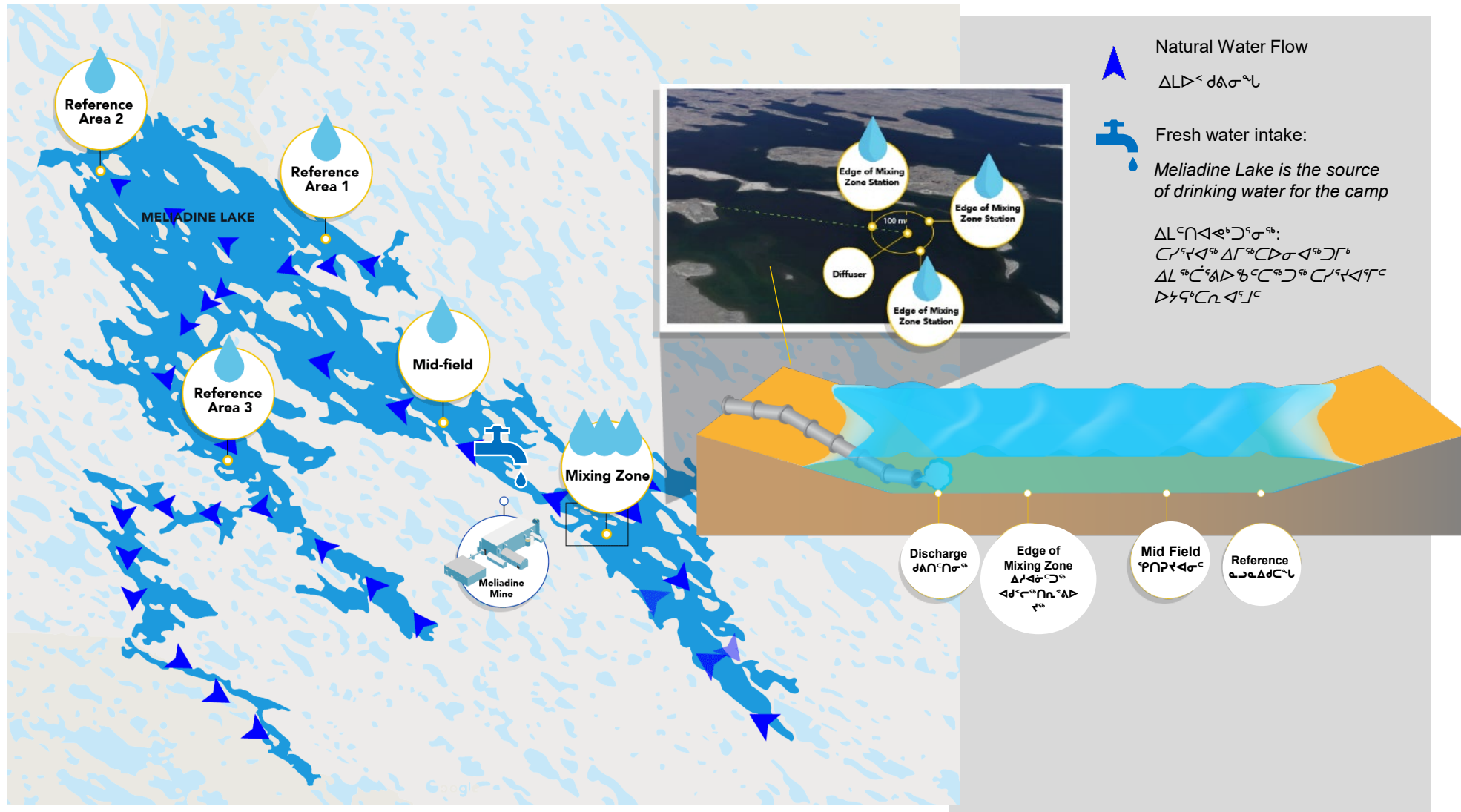


STATUS OF REVIEWS

‘ḅḡΔ^ḅḡḢC ‘ṖḤ‘ṖḢ▷ḡ^C



* As of August 28, 2024

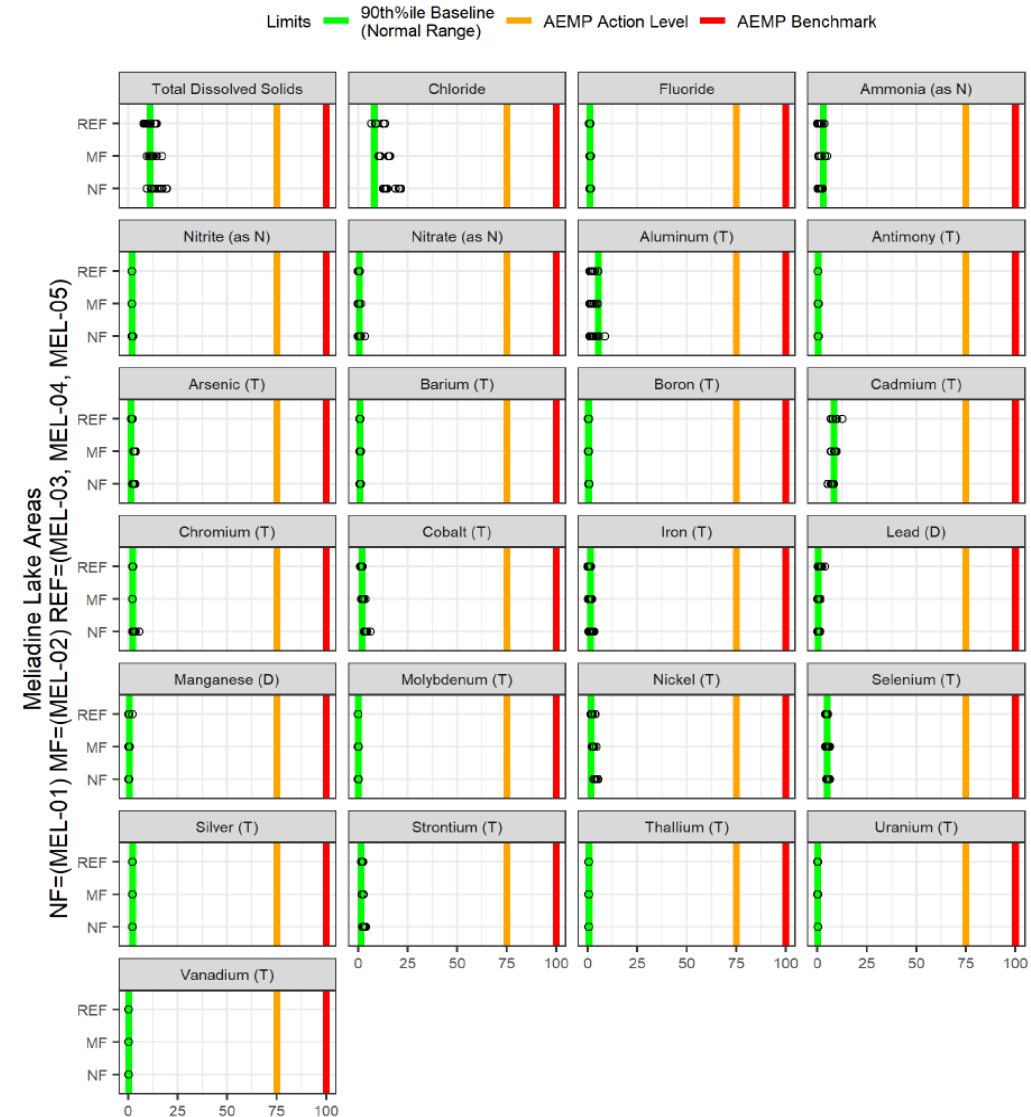


TECHNICAL COMMENT SUMMARY – AQUATIC EFFECTS MONITORING PROGRAM

ᐱᓕᓂᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ - ᐱᓪᓴᐱᓪᓴ
ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ



- Since operations in 2018, there has been no exceedances in Health Canada Drinking Water Quality guidelines in Meliadine Lake
- ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ 2018-ᐱᓪᓴᐱᓪᓴ,
ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ
ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ
ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ ᐱᓪᓴᐱᓪᓴ



TECHNICAL COMMENT SUMMARY – AQUATIC EFFECTS MONITORING PROGRAM

[illegible]

- Natural climate variability at MEL-03, MEL-04, and MEL-05
- Peter Lake and Atulik Lake included in Cycle 3 Environmental Effects Monitoring



Security and Water Compensation

$\Gamma \triangleleft \sigma^{\mathfrak{c}_b} \rho \sigma^{\mathfrak{c}_b} \triangleleft^L L \supset$
 $\Delta L^{\mathfrak{c}_b} \supset^{\mathfrak{c}_b} \sigma^{\mathfrak{c}_b}$



AGNICO EAGLE





Δ^ε Γ^ε ⊂ Δ^ε Γ^ε
▷^ε ⋆^ε Γ^ε σ^ε



- Agnico Eagle proposed wording changes in our existing Water Licence
- KivIA and CIRNAC provided comments on our proposal
- It is now with the Board to decide final wording that will go into our amended Water Licence
- ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ
- ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ
- ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ ᐱᐱᓐᓴᓐ

Licence No: 2AM-MEL1631

Pursuant to the Nunavut Waters and Nunavut Surface Rights Tribunal Act and the Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada, the Nunavut Water Board, hereinafter referred to as the Board, hereby grants to

AGNICO EAGLE MINES LIMITED

(Licensee)


145, KING STREET EAST, SUITE 400, TORONTO, ONTARIO M5C 2Y7

(Mailing Address)

hereinafter called the Licensee, the right to alter, divert or otherwise use Water or deposit Waste for a period subject to restrictions and conditions contained within this Licence:

Licence Number/Type: **2AM-MEL1631 / Type "A"**
 Water Management Area: **WILSON WATERSHED (13)**
 Location: **MELIADINE GOLD PROJECT
KIVALLIQ REGION, NUNAVUT**
 Purpose: **WATER USE AND DEPOSIT OF WASTE**
 Description: **MINING UNDERTAKING**
 Quantity of Water not to be Exceeded: **62,000 CUBIC METRES ANNUALLY FOR CONSTRUCTION, 742,000 CUBIC METRES ANNUALLY FOR OPERATION, AND 4,000,000 CUBIC METRES ANNUALLY FOR CLOSURE (AS PER PART E)**
 Date Licence Issuance: **MAY 13, 2021**
 Expiry of Licence: **MARCH 31, 2031**

This Licence issued (Motion Number # 2021-02-P15-05) and recorded at Gjoa Haven, Nunavut includes and is subject to the annexed conditions.


 Lootie Toomasie
 Nunavut Water Board
 Hearing Chair


 APPROVED BY: Minister of Northern Affairs

DATE LICENCE APPROVED: **JUN 23 2021.**

Conclusions

$\Delta \rho_c \ll \rho_c \Delta \sigma^{\text{qb}}$



