



Application for Water Licence Amendment

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Month/Day/Year

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DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 7	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	New NWB logo; request for background information; and change to Block 24	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: Licensee Requirements Following the Issuance of a Water Licence for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

EXISTING LICENCE NO: 2AM-MEL1631

1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

☒ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB. **An amendment will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name:

Address:

Phone: _____

Fax: _____

e-mail: _____

2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.

Name:

Address:

Phone: _____

Fax: _____

e-mail: _____

(Attach authorization letter.)

3. NAME OF PROJECT

Has the name of the project changed?

☐ Yes ☒ No

If Yes, indicate the name of the project including the name of the location: _____

4. LOCATION OF UNDERTAKING

Does the proposed amendment change the location of the amended undertaking?

☐ Yes ☒ No

Provide the project extents and camp locations. Identify proposed changes.

Project Extents

NW:	Latitude: (° ' " N)	Longitude: (° ' " W)
NE:	Latitude: (° ' " N)	Longitude: (° ' " W)
SE:	Latitude: (° ' " N)	Longitude: (° ' " W)
SW:	Latitude: (° ' " N)	Longitude: (° ' " W)

Camp Location(s)

Latitude: (° ' " N) Longitude: (° ' " W)

5. MAP

Does the proposed amendment change the locations of any of the main components of the undertaking?

☒ Yes ☐ No

Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes.

[Refer to Figure 1.2-1 and Figure 1.2-2 of the Meliadine Extension Main Application Document submitted as part of this Amendment Application](#)

NTS Map Sheet No.: _____ Map Name: _____ Map Scale: _____

6. NATURE OF INTEREST IN THE LAND

Does the proposed amendment change the nature of the interest in the land?

☐ Yes ☒ No

[See Section 1.4.4 and Section 1.6 of the Meliadine Extension Main Application Document submitted as part of this Amendment Application](#)

If Yes, indicate changes. _____

Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Mineral Lease from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

Surface

☐ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☒ IOL Authorization from Kivalliq Inuit Association (KivIA)
Date (expected date) of issuance: Existing authorization that would be extended
Date of expiry: June 29, 2027

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Other _____
Date (expected date) of issuance: _____ Date of expiry: _____

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

☒ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations: _____

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the existing project is located.

<input type="checkbox"/> North Baffin	<input checked="" type="checkbox"/> Keewatin
<input type="checkbox"/> South Baffin	<input type="checkbox"/> Sanikiluaq
<input type="checkbox"/> Akunnig	<input type="checkbox"/> West Kitikmeot

Does the proposed amendment change the land use planning area?

☐ Yes ☒ No

If yes, indicate the land use planning area in which the amended undertaking is located.

☐ North Baffin
☐ South Baffin
☐ Akunnig

☐ Keewatin
☐ Sanikiluaq
☐ West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy. [April 1, 2022 for Meliadine Extension and previous conformity determinations provided still apply \(see Appendix B and Section 1.4.3 of the Meliadine Extension Main Application Document submitted as part of this Amendment Application, respectively\).](#)

Does the proposed amendment change the original NPC conformity determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy. _____

[Project screening was completed in 2011](#)

[110708 2AM-MEL----11EN034-NIRB Screening Decision Report – ODTE.pdf](#)

[110914 2AM-MEL----Minister to NIRB on Screening Decision – IMLE.pdf](#)

[A Part 5 Review by NIRB was required. NIRB issued Project Certificate No. 006 on February 26, 2015.](#)

[Reconsiderations of that Project Certificate have been considered on two occasions](#)

[1\) to permit the discharge of saline water at Itivia via truck in 2018 \(Amendment 1\)](#)

[2\) to permit the discharge of saline water at Itivia via waterline in 2022 \(Amendment 2\)](#)

[A third Reconsideration of Project Certificate is currently under review with the NIRB and is pending a decision from NIRB and subsequently the Minister](#)

[3\) to permit Meliadine Extension \(Amendment 3\).](#)

[A copy of the Project Certificate Amendments are on file with NWB public registry for the Project at the following link: <ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEL1631%20Agnico/2%20ADMIN/2%20NPC%20NIRB/1%20NIRB/>](#)

Does the proposed amendment change the original NIRB screening determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NIRB confirming that a screening determination is not required.

[See above conformity.](#)

9. DESCRIPTION OF UNDERTAKING

Does the proposed amendment change the description of the undertaking?

☒ Yes ☐ No

List and attach plans and drawings or project proposal. Identify proposed changes.

At this time, Agnico Eagle is seeking approvals and permits required to proceed with mining of the deposits that were not included in the original Water Licence Application (but approved under Project Certificate No.006) and associated approved activities. Based on additional geological investigations conducted, lessons learned since the Nunavut Water Board (NWB) approval in 2016, and to continue developing the Meliadine Mine in a sustainable way, Agnico Eagle is seeking approval to add the following activities (collectively referred to as Meliadine Extension):

- open pit mining of F Zone, Wesmeg, Pump, and Discovery deposits and associated infrastructure (which are already approved by NIRB in 2015 Project Certificate);
- underground mining and associated saline water management infrastructures at the Pump, F Zone, and Discovery;
- development of a new portal and associated infrastructures in the Tiriganiaq-Wolf area to improve access to and expand the existing Tiriganiaq underground mine;
- construction and operation of a windfarm;
- construction of access roads;
- use of additional borrow pits and quarries to replace depleted sources and build a road to the windfarm, Tiriganiaq-Wolf portal, road to Discovery and other deposits;
- extension of the operation phase (i.e., mine life) by 11 years to 2043; and
- an alternative for options in the future to use of exhausted open pits to store tailings and waste rock to complement the current waste management strategies.

Further details can be found in the accompanying documents:

- Meliadine Extension Water Licence 2AM-MEL1631 Amendment Main Application Document
- Supporting Documents Appendices A through Appendix F

10. OPTIONS

Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?

☒ Yes ☐ No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.

An alternatives section is provided in Section 2.5 of the Meliadine Extension Main Application Document submitted as part of this Amendment Application

11. CLASSIFICATION OF PRIMARY UNDERTAKING

Indicate the primary classification of undertaking for the existing licence by checking one of the following boxes:

- | | |
|--|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) | |
| <input type="checkbox"/> Conservation | |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Power | <input type="checkbox"/> Miscellaneous (describe below): |

Does the proposed amendment change the classification of primary undertaking?

☐ Yes ☒ No

If Yes, indicate the primary undertaking of the amendment: _____

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. Indicate which SIG(s) are applicable to your application.

- ☐ Hydrostatic Testing
- ☐ Tannery
- ☐ Tourist / Remote Camp
- ☒ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
- ☐ Onshore Oil and Gas Exploration Drilling
- ☐ Mineral Exploration / Remote Camp
- ☐ Advanced Exploration
- ☒ Mine Development
- ☐ Municipal
- ☐ General Water Works
- ☐ Power

12. WATER USE

Indicate, using the boxes below, the types of water use(s) approved in the existing licence.

- ☒ To obtain water for camp/ municipal purposes
- ☒ To obtain water for industrial purposes
- ☒ To cross a watercourse
- ☒ To alter the flow of, or store water
- ☒ Other: [Dewater lakes](#)
- ☒ To divert a watercourse
- ☒ To modify the bed or bank of a watercourse
- ☒ Flood control

Does the proposed amendment change the type(s) of water use(s)?

☐ Yes ☒ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.

- ☐ To obtain water for camp/ municipal purposes
- ☐ To obtain water for industrial purposes
- ☐ To cross a watercourse
- ☐ To alter the flow of, or store water
- ☐ Other: _____
- ☐ To divert a watercourse
- ☐ To modify the bed or bank of a watercourse
- ☐ Flood control

13. QUANTITY OF WATER INVOLVED

Does the proposed amendment change the source of water?

☐ Yes ☒ No

Indicate the water source(s). [Meliadine Lake continue as water source](#) Identify proposed changes.:
(show location(s) on map)

Does the proposed amendment change the quality of the water source and/or its available capacity?

☐ Yes ☒ No

Describe the quality of the water source(s) and the available capacity(s). Identify any changes.:_____

Does the proposed amendment change the overall quantity of water to be used?

☒ Yes ☐ No

Provide the overall estimated quantity to be used. Identify proposed changes:

Operations: 1,116,112 m³/yr

Closure: 8,676,481 m³/yr

Additional details are provided in Section 2.3.6.1 of the Meliadine Extension Main Application Document submitted as part of this Amendment Application.

Does the proposed amendment change the quantity of water to be used from each source?

☒ Yes ☐ No

Provide the estimated quantity(s) of water to be used from each source. Identify proposed changes:

Meliadine Lake during Operations: 1,116,112 m³/year

Meliadine Lake during Closure: 8,676,481 m³/year

Items	2014 FEIS		Water Licence	Meliadine Extension
	provided in m ³ /h	converted to m ³ /yr	m ³ /yr	m ³ /yr
Camp Use	5.67	49,669	50,000	82,580
Truck Shop-Washbay	8.5	74,460	9,636	365
Paste Plant	5.5	48,180	105,120	157,000
Mill	107.2	939,072	424,860	652,000
Drilling Water	N/A	N/A	1,460	730
Dust Control	18	45,000	24,168	24,168
Emulsion Plant	1.6	14,016	1,520	1,950
Underground Washbay	50	438,000	2,200	2,200
Discovery Underground				720
F Zone Underground				720
Wesmeg Underground				720
Pump Underground				720
Tiri-Wolf Underground				720
Discovery Installation				5,500
Pit Production	1.5	12,000	N/A	
Sub-total	198	1,620,397	618,964	930,093
Contingency	25%		20%	20%
Total	247.5	2,168,100	742,757	1,116,112

Does the proposed amendment change the quantity of water to be used for each purpose?

☒ Yes ☐ No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed changes.:

[See above table](#)

Does the proposed amendment change the method(s) of extraction? ☐ Yes ☒ No

Describe the method(s) of extraction. Identify proposed changes. : _____

Does the proposed amendment change the quantity(s) of water returned to source(s)?

☒ Yes ☐ No

Estimated quantity(s) of water returned to source(s). Identify proposed changes. : [refer to Section 3 of the Water Balance and Water Quality Model Update provided as Appendix E to the Water Management Plan](#)
_____ m³/day

Does the proposed amendment change the quality(s) of water returned to source(s)?

☐ Yes ☒ No

Describe the quality(s) of water(s) returned to source(s). Identify any changes. : _____

14. WASTE

Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Sewage | <input checked="" type="checkbox"/> Waste oil |
| <input checked="" type="checkbox"/> Solid Waste | <input checked="" type="checkbox"/> Greywater |
| <input checked="" type="checkbox"/> Hazardous | <input checked="" type="checkbox"/> Sludges |
| <input checked="" type="checkbox"/> Bulky Items/Scrap Metal | <input checked="" type="checkbox"/> Contaminated soil and/or water |
| <input checked="" type="checkbox"/> Animal Waste | |
| <input checked="" type="checkbox"/> Other (describe): _____ | |

Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?

☐ Yes ☒ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated and/or deposited noting the addition, removal or continued generation and/or disposal of waste(s).

- | | |
|--|---|
| <input type="checkbox"/> Sewage | <input type="checkbox"/> Waste oil |
| <input type="checkbox"/> Solid Waste | <input type="checkbox"/> Greywater |
| <input type="checkbox"/> Hazardous | <input type="checkbox"/> Sludges |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input type="checkbox"/> Contaminated soil and/or water |
| <input type="checkbox"/> Animal Waste | |
| <input type="checkbox"/> Other (describe): _____ | |

15. QUANTITY AND QUALITY OF WASTE INVOLVED

Does the proposed amendment change the quantity(s) of the types of wastes involved?

☒ Yes ☐ No

Does the proposed amendment change the composition(s) of the types of wastes involved?

☒ Yes ☐ No

Does the proposed amendment change the method(s) of treatment for the types of waste involved?

☒ Yes ☐ No

Does the proposed amendment change the method(s) of disposal for the types of waste involved?

☒ Yes ☐ No

If Yes to any of the above, describe the proposed changes: _____

Addition of waste rock storage facilities.

Addition of a Landfarm at Wesmeg and Discovery deposits.

Inclusion of a landfill at the Discovery deposit and located within the WRSF.

Inclusion of a second smaller capacity incinerator to accommodate increased number of workers and support during planned maintenance on the primary incinerator.

Addition of a composter to divert away organic matter from the incinerator.

For additional details refer to Appendices F-9, F-10, F-13, F-14, F-15

For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Overburden	NPAG, low potential for meta leaching, and will meet MDMER monthly mean limits	0.3 Mt	None	Construction of the TSF Cover
		34.3 Mt		Co-disposed with waste rock in WRSFs
Waste Rock from Open Pits	Non-potential acid generating and low potential for metal leaching	3.2 Mt	None	Infrastructure construction
		11.1 Mt		Construction of TSF cover
		7.62 Mt		Construction of WRSF8 and WRSF9 cover
		152.7 Mt		Stored in WRSFs
Waste Rock from Underground		4.0 Mt	None	Placed in WRSF1, and WRSF3
		11.9 Mt		Required for backfill underground
Saline WRSF	Underground saline waste rock	0.6 Mt	None	Saline WRSF1 (reclaimed at closure)
		0.3 Mt		Saline WRSF2 (reclaimed at closure)
		0.15 Mt		Saline WRSF3 (reclaimed at closure)
		0.05 Mt		Saline WRSF4 (reclaimed at closure)
Tailings	Material by-product of the gold recovery process and generally comprise of sand, silt, and clay sized particles	51.6 Mt	Dewatered by pressure filtration to a solids content	Tailings places in TSF
		13.4 Mt		Used in underground mine as cemented paste backfill
Compost / Incinerator Ash	Food, food waste, wood, paper, carboard	340 tonnes/year during operations	Incinerating or composting	Incinerator ash and compost material to be disposed of in landfill.

Domestic Waste	Non-salvageable, non-hazardous, non-putrescible solid Wastes	884 m ³ /year during operations	None	Landfill is WRSF8 (Discovery) or continue to WRSF1 Landfill
Contaminated Soil / Snow	Soils, rock, ice, and snow contaminated by light hydrocarbons	350 m ³ /year during operations	Bioremediation	Landfarm at Wesmeg or Discovery

16. OTHER AUTHORIZATIONS

Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?

☒ Yes ☐ No

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.

For each provide the following:

Additional approvals will be required under the *Fisheries Act* and MDMER Schedule 2 listing. Schedule 2 listing has already been initiated with ECCC; refer to Section 2.3.7 of the Meliadine Extension Main Application Document.

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?

☒ Yes ☐ No

Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes.

The existing Meliadine Mine impacts (direct, indirect, cumulative) were evaluated in the 2014 FEIS can be found at the following link:

<ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEL1631%20Agnico/2%20ADMIN/2%20NPC%20NIRB/1%20NIRB/140505%202AM-MEL----%20Final%20EIS-IMLE/>

Likewise mitigation and monitoring was proposed and implemented consistent with the Project Certificate and various permits, authorization and licenses including the Type A Water Licence.

In support of the environmental review, existing conditions have been documented to provide the foundation for a qualitative and quantitative assessment of the Meliadine Mine operations and the Meliadine Extension. Results have been provided in the Meliadine Extension FEIS Addendum submitted to NIRB in July 2022 and with this application to the NWB.

The Meliadine Extension FEIS Addendum provides the environmental assessment analysis by valued component. Full evaluation of direct impacts including mitigation measures are provided in the Meliadine Extension FEIS Addendum as follows:

- Section 4 – Impact Assessment Methodology
- Section 5 – Atmospheric Environment
- Section 6 – Terrestrial Environment
- Section 7 – Freshwater Environment
- Section 8 – Marine Environment

- [Section 9 – Socio-economic Environment](#)
- [Section 10 – Human Health and Ecological Risk Assessment](#)
- [Appendix B-2 – Pathway Tables](#)

Section 4 highlights the assessment methods used and includes Agnico Eagle's approach to assessment of cumulative effects (refer to Section 4.5.3). The cumulative effects assessment overview is provided in Appendix B-1, and in the above referenced valued component sections.

For description of the physical environment and summary of impacts related to surface water quantity and surface water quality refer to Section 7.3 and Section 7.4, respectively. For detailed assessment results related to Water and Waste refer to Sections 5 through 10 of the Meliadine Extension FEIS Addendum.

The results of the environmental assessment found that with mitigation, the Meliadine Extension will not cause long-term significant negative effects as a result of proposed construction, operations, and closure.

Agnico Eagle has developed monitoring and management programs required to mitigate, monitor, and report on its environmental performance against the regulatory requirements contained within the approved Meliadine Mine operating authorizations, permits, licenses, and leases consistent with the legal requirements of applicable Acts and Regulations in Nunavut.

18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?

☐ Yes ☒ No

If Yes, provide the names, addresses and the nature of water use by those persons or properties.

Does the proposed amendment adversely affect any known persons or property including those that hold licences for water use in precedence to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature?

☐ Yes ☒ No

If Yes, provide the names, addresses and the nature of water use of those persons or properties.

Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.

19. INUIT WATER RIGHTS

Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?

☒ Yes ☐ No

If Yes, which DIO(s) [Kivalliq Inuit Association](#)

Does the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL)?

☒ Yes ☐ No

If Yes, advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more DIO(s) with respect to the proposed amendment.

[Negotiation to be held.](#)

- 20. CONSULTATION** - Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

[Agnico Eagle has engaged with multiple stakeholders on the Meliadine Extension in advance of filing this Application for amendment and anticipates that engagement will continue during the NWB's consideration of this Application.](#)

[For additional information, refer to Section 1.7 and Appendix C of the of the Meliadine Extension Amendment Application.](#)

21. SECURITY INFORMATION

Does the proposed amendment change the financial security assessment?

☒ Yes ☐ No

Does the proposed amendment change the estimate of the total financial security for final reclamation?

☒ Yes ☐ No

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken. Identify any changes in the financial security assessment resulting from the proposed amendment.

[Refer to the updated Interim Closure and Reclamation Plan, provided in Appendix F-12 of the Meliadine Extension Amendment Application.](#)

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water licence?

☐ Yes ☒ No

Provide an updated statement of financial security.

[Agnico Eagle's 2021 annual report is available on-line \(\[here\]\(#\)\)](#)

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

☐ Yes ☒ No

Provide a list of the officers of the company.

Executive Chair of Board – Sean Boyd
President and CEO – Ammar Al-Joundi
Executive Vice-Presidents: Dominique Girad, Guy Gosselin, Eric Kallio, Carol Plummer, Jean Robitaille, David Smith, Natasha Vaz, Chris Vollmershausen

Is the Certificate of Incorporation or evidence of registration of the company name the same?

☒ Yes ☐ No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

- STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

Sections 5 to 10 of the Meliadine Extension FEIS Addendum are a series of complementary documents to provide a full understanding of the technical and scientific aspects of Meliadine Extension.

The following existing conditions and technical studies related to water and waste were submitted with the NIRB Meliadine Extension FEIS Addendum Application

- Appendix G: Existing Condition Reports
- G-01: 2020 Hydrogeological Testing and Thermistor Installation Program
- G-05: Summary of Hydrogeology Existing Conditions
- G-06: Meliadine Extension: Geochemical Characterization and Source Term Report
- G-07: Fish and Fish Habitat Field Program, 2020 to 2021
- Appendix H: Modelling Reports
- H-03: Rankin Inlet Design Storm and Precipitation Frequency Quantiles Update
- H-04: Meliadine Extension – 2020 Thermal Assessment
- H-05: Westbay Monitoring Well System M20-3071 Groundwater Quality Meliadine Extension
- H-06: Hydrogeology Modelling Report
- H-07: Meliadine Extension Water Balance and Water Quality Model – Technical Report
- H-08: Thermal Modelling of Discovery WRSF
- H-09: Meliadine Extension 3-D Hydrodynamic Modelling of Meliadine Lake
- H-10: Meliadine Extension 3-D Hydrodynamic Modelling of Itivia Harbour

The following studies have been further evaluated to support the Water Licence Amendment, and are provided with the Amendment Application as follows:

- Appendix D: Design Reports
 - D-1: Prefeasibility Level Design for Water Management Infrastructures for Operation Phase, Meliadine Extension
 - D-2: Stability Analyses for the Proposed Tailings Storage Facility, Meliadine Extension
 - D-3: Stability Evaluation of Waste Rock Storage Facilities, Meliadine Extension
- Appendix E: Technical Reports
 - E-1: Spring 2021 Geotechnical Site Investigation
 - E-2: Thermal Modelling of Meliadine Discovery WRSFs
 - E-3: Meliadine Extension – 2022 Thermal Assessment
 - E-4: Updated Hydrogeology Modelling Meliadine Extension
 - E-5: Meliadine Extension – Predicted Groundwater-Surface Water Interaction at Post Closure Versus Existing Conditions
 - E-6: Updated Summary of Hydrogeology Existing Conditions Meliadine Extension
 - E-7: Westbay Monitoring Well System M20-3071, 2021 Groundwater Program Meliadine Extension

- Water Balance and Water Quality Model Update (Appendix E to the Water Management Plan)
- Appendix F-1 to F-22: Monitoring and Management Plans

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

Refer to Section 1.5 of the of the Meliadine Extension Amendment Application.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

23. PROPOSED TIME SCHEDULE

When are proposed amendments scheduled to be undertaken: Agnico Eagle proposes to begin construction as soon as permits and authorizations are received, which are anticipated to be in 2024.

Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?

☒ Yes ☐ No

Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes.

Construction

Proposed Start Date: 2024 Proposed Completion Date: 2032

Construction will continue through the operation phase to prepare for mining of new deposits.

Operation

Proposed Start Date: 2024 Proposed Completion Date: 2043

Closure

Proposed Start Date: 2044 Proposed Completion Date: 2050

Post - Closure

Proposed Start Date: 2051 Proposed Completion Date: 2060

For each applicable phase of development indicate which season(s) activities occur.

Construction

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season

Operation

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season

Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season

Post - Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season

24. PROPOSED TERM OF LICENCE

On what date does the existing licence expire? **March 31, 2031**

Is the Licensee applying for a combined renewal and amendment of the existing licence?

☒ Yes ☐ No

If Yes, indicate the proposed term of the renewal (maximum of 25 years): **2043**

Requested date of renewal issuance: **2023** Requested Expiry Date: **December 2043**
(month/year) (month/year)

(The requested date of renewal issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

25. ANNUAL REPORTING

Will the proposed amendment change the content of annual reports or the annual report template?

☐ Yes ☒ No

If Yes, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

26. CHECKLIST

The following must be included with the application for Amendment for the water licensing process to begin.

Completed Application for Water Licence Amendment form.

☒ Yes ☐ No If no, date expected _____

Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)

☒ Yes ☐ No If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

☒ Yes ☐ No If no, date expected _____

Indication of Renewal Requirement (see Block 26)

☒ Yes ☐ No If no, date expected _____

English Summary of Amendment Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Amendment Application.

☒ Yes ☐ No If no, date expected _____

Application fee of \$30.00 CDN (Payee Receiver General for Canada).

☒ Yes

☐ No

If no, date expected _____

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☐ Yes

☒ No

If no, date expected *As per Nunavut Water Regulations water use fees payable to the Crown or Receiver General for Canada are not required given the Project is on Inuit Owned Land. Moreover, Agnico Eagle has a Water Compensation Agreement with the Kivalliq Inuit Association.*

27. SIGNATURE

Jamie Quesnel

Director, Permitting and
Regulatory Affairs



13-Jan-23

Name (Print)

Title (Print)

Signature

Date