

Application for Water Licence Amendment

Document Date: April 2013

Application Submission Date:

___08 / 27 / 2020 Month/Day/Year

P.O. BOX 119 GJOA HAVEN, NUNAVUT XOB 1J0 Tel: (867) 360-6338 Fax: (867) 360-6369 kNK5 wmoEp5 vtmpq NUNAVUT IMALIRIYIN KATIMAYIT NUNAVUT WATER BOARD OFFICE DES EAUX DU NUNAVUT

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)		



APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: <u>Licensee Requirements Following the Issuance of</u> <u>a Water Licence</u> 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?
X 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 <u>name</u> of the licensee has changed, attach a certificate of name change.
Name:
Address:
Phone: Fax:
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 X 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 X No
Provide the project extents and camp locations. Identify proposed changes.
Project Extents
NW:Latitude: \circ i N)Longitude: i i W)NE:Latitude: \circ i N Longitude: i i W SE:Latitude: \circ i N Longitude: i i W SW:Latitude: \circ i N Longitude: i i 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 X No
Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes.
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 X No
See Section 1.4 and Section 1.5 of the Type A Water Licence 2AM-MEL1631 Amendment (<i>file: 200827 2AM-MEL1631 Amendment-MainApplicationDcoument-August2020.pdf</i>)
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: Date of expiry:
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?
X Yes 🗌 No
If No, a licence assignment must be completed and approved by the NWB.
Name of entity(s) holding authorizations:

7.

7. NUNAVUT PLANNING COMMISSION	I (NPC) DETERMINATION		
Indicate the land use planning area in which the existing project is located.			
☐ North Baffin☐ South Baffin☐ Akunniq	X Keewatin ☐ Sanikiluaq ☐ West Kitikmeot		
Does the proposed amendment change the la	nd use planning area?		
	Yes X No		
If yes, indicate the land use planning area in w	which the amended undertaking is located.		
☐ North Baffin☐ South Baffin☐ Akunniq	☐ Keewatin ☐ Sanikiluaq ☐ West Kitikmeot		
Was a land use plan conformity determination licence?	required from NPC prior to the issuance of the existing water		
	X Yes 🗌 No		
	une 8, 2011, March 25, 2020, and August 20, 2020 (see -MEL1631 Amendment (<i>file: 200827 2AM-MEL1631</i> erm.pdf)		
Does the proposed amendment change the o	riginal NPC conformity determination or the need to obtain one?		
	Yes X No		
If Yes, indicate date issued (or expected) and If No, provide written confirmation from NPC o	attach a copy confirming that a land use plan conformity review is not required.		
	t the conformity determination issued on June 8, 2011 still s exempt from screening by the NIRB because it does not ect activities.		
8. NUNAVUT IMPACT REVIEW BOARD	(NIRB) DETERMINATION		
Was a screening determination required from	NIRB prior to the issuance of the existing water licence?		
	X Yes No		
If Yes, indicate date issued and attach copy			
Project screening was completed in 2011 110708 2AM-MEL11EN034-NIRB Screening 110914 2AM-MELMinister to NIRB on Scree			
carried out a reconsideration of that Project Ce 2018.	ssued Project Certificate No. 006 on February 26, 2015, and rtificate to permit the discharge of saline water at Itivia during JWB public registry for the Project at the following link:		

<u>ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEL1631%20Agnico/2%20ADMIN/2%20NPC%20NIRB/1%20NIRB/</u>		
Does the proposed amendment change the original NIRB screening determination or the need to obtain one?		
☐ Yes X No		
If Yes, indicate date issued (or expected) and attach a copy		
See above conformity.		
9. DESCRIPTION OF UNDERTAKING		
Does the proposed amendment change the description of the undertaking?		
☐ Yes X No		
List and attach plans and drawings or project proposal. Identify proposed changes.		
See attached Type A Water Licence 2AM-MEL1631 Amendment (<i>file: 200827 2AM-MEL1631 Amendment-MainApplicationDcoument-August2020.pdf</i>)		
10. OPTIONS		
Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?		
☐ Yes X 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 2.4 of the Type A Water Licence 2AM-MEL1631 Amendment (<i>file: 200827 2AM-MEL1631 Amendment-MainApplicationDcoument-August2020.pdf</i>		
11. CLASSIFICATION OF PRIMARY UNDERTAKING		
Indicate the primary classification of undertaking for the existing licence by checking one of the following boxes:		
 Industrial Agricultural X Mining and Milling (includes exploration/drilling/exploration camps) Conservation 		
 Municipal (includes camps/lodges) Power Miscellaneous (describe below): 		
Does the proposed amendment change the classification of primary undertaking?		
☐ Yes X 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 X 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.
 X To obtain water for camp/ municipal purposes X To obtain water for industrial purposes To oross a watercourse To alter the flow of, or store water Other:
Does the proposed amendment change the type(s) of water use(s)?
☐ Yes X 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 obtain water for industrial purposes To cross a watercourse To cross a watercourse To alter the flow of, or store water Other:
13. QUANTITY OF WATER INVOLVED
Does the proposed amendment change the source of water?
Indicate the water source(s). 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 X No
Describe the quality of the water source(s) and the available capacity(s). Identify any changes.:

Does the proposed amendment cl	nange the overall quantity of water to be used?	
	X Yes 🗌 No	
Provide the overall estimated quar m³/day	ntity to be used. Identify proposed changes. :74	1,706 m3/yr
Does the proposed amendment cl	nange the quantity of water to be used from each source	?
	X Yes 🗌 No	
Provide the estimated quantity(s) o	of water to be used from each source. Identify proposed	changes. :
Item	Flow Rate	m ³ per year
Camp Use	200 L/Day/Person People = 680 e a LOM	50,000
Truck Shop – Wash Bay Consumptions (New 2020 and Dyno)	1.1 cubic m ³ /d	9,636
Paste Plant Usage	0.144 m ³ per tonne of paste 2000 TPD	105,120
Mill Fresh Water use	6000 TPD @ 0.194 m ³ per tonne	424,860
Drilling Water, per pit	Per Drill per day = 2 m ³	1,460
Dust Control	Use ponded water on surface, but if Fresh Water 106 days * 45% of no overcast = 53 days at 120,000 gal = 6.3 M gallons	24,168
Emulsion Plant	7M TPY pits at 0.35 kg of emulsion/tonne using 0.17 6.4M Kg from UG at 0.17	420 1,100
Underground consumptive flows Wash Bay	180 m ³ /month	2,200
	Contingency (20%)	123,618
	Total	741,706
Does the proposed amendment cl	nange the quantity of water to be used for each purpose?	,
	X 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?
Describe the method(s) of extraction. Identify proposed changes. :
Does the proposed amendment change the quantity(s) of water returned to source(s)?
🗌 Yes 🛛 X No
Estimated quantity(s) of water returned to source(s). Identify proposed changes. : m ³ /day
Does the proposed amendment change the quality(s) of water returned to source(s)?
🗌 Yes 🛛 X 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.
X Sewage X Waste oil X Solid Waste X Greywater X Hazardous X Sludges X Bulky Items/Scrap Metal X Contaminated soil and/or water X Animal Waste X Other (describe):
Does the proposed amendment change the type(s) of waste(s) to be generated or deposited? \Box Yes X 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).
Sewage Waste oil Solid Waste Greywater Hazardous Sludges Bulky Items/Scrap Metal Contaminated soil and/or water Animal Waste Other (describe):
15. QUANTITY AND QUALITY OF WASTE INVOLVED
Does the proposed amendment change the quantity(s) of the types of wastes involved?
Yes X No
Does the proposed amendment change the composition(s) of the types of wastes involved?
Yes X No
Does the proposed amendment change the method(s) of treatment for the types of waste involved?

Yes	X	No

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

Yes X No

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

Agnico Eagle is requesting an amendment to Part F, Item 3 of Water Licence 2AM-MEL1631 to revise the current permitted TDS discharge limits

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

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 X 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:		
Authorization:		
Administering Agency:		
Project Activity:		
Date (expected date) of issuance: Date of expiry:		

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 X No

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

See enclosed Type A Water Licence 2AM-MEL1631 Amendment (*file: 200827 2AM-MEL1631 Amendment-MainApplicationDcoument-August2020.pdf*) and Water Quality Management and Optimization Plan for a discussion of potential for environmental impacts, and confirmation that no changes to the predicted environmental impacts will occur as a result of the amendment. The proposed TDS concentration under this amendment is below what was assessed in the FEIS.

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 X 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?

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?

X 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 X 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.

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 the Kivalliq Inuit Association in advance of filing this application for amendment, and anticipates that Kivalliq Inuit Association engagement will continue during the NWB's consideration of this application. Additionally, a workshop was held with the Kivalliq Inuit Association on August 21, 2020 to present this application for amendment.

For additional information, refer to Section 1.6 of the Type A Water Licence 2AM-MEL1631 Amendment (*file: 200827 2AM-MEL1631 Amendment-MainApplicationDcoument-August2020.pdf*).

21. SECURITY INFORMATION

Does the proposed amendment change the financial security assessment	t?
----------------------------------------------------------------------	----

X Yes	🗌 No
-------	------

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

X 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 ICRP provided in Appendix G of the Type A Water Licence 2AM-MEL1631 Amendment (*file: 200827 2AM-MEL1631 Amendment_Appendix G-ICRP.pdf*)

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?

X Yes		No
-------	--	----

Provide an updated statement of financial security.

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 X No

Provide a list of the officers of the company.

CEO – Sean Boyd

President – Ammar Al-Joundi Senior Vice-Presidents: David Smith, Guy Gosselin, Louise Grondin, Carol Plummer, R. Gregory Laing, Marc Legault, Jean Robitaille, and Yvon Sylvestre.

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

X Yes 🗌 No

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

23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

See attached:

- Water Quality Management and Optimization Plan Rev3
- Water Management Plan
- Water Balance and Water Quality Forecast
- Waste Management Plan
- Interim Closure and Reclamation Plan
- Impact Assessment of the Diversion of Site Runoff to Melvin Bay on the Flow and Water Level Regimes
 of Meliadine Lake

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.

Agnico Eagle is not aware of any outstanding non-compliance issues

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.

24. PROPOSED TIME SCHEDULE

When are proposed amendments scheduled to be undertaken: May 2021

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

X 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:	June/2021 (month/year)	Proposed Completion Date:	December/2024 (month/year)
<u>Operation</u>			
Proposed Start Date:		Proposed Completion Date:	
	(month/year)		(month/year)
Closure	,		
Proposed Start Date:		Proposed Completion Date:	
	(month/year)		(month/year)

Post - Closure				
	Start Date: Proposed Completion Date:			
· · · ·	(month/year) (month/year)			
For each applicable phase of development indicate which season(s) activities occur.				
Construction	Summer	🗌 Fall	X All season	
Operation Uinter Spring	Summer	🗌 Fall	☐ All season	
Closure	Summer	🗌 Fall	All season	
Post - Closure	Summer	🗌 Fall	All season	
25. PROPOSED TERM OF	LICENCE			
On what date does the existing	licence expire	? March 3	1, 2031	
Is the Licensee applying for a c	combined renev	wal and an	nendment of the existing licence	?
		☐ Yes	X No	
		•	num of 25 years):	
Requested date of renewal issu	uance:		Requested Expiry Date:	
	(mc	onth/year)		(month/year)
(The requested date of renewal issuance must be <u>at least</u> three (3) months from the date of application for a type B water licence and <u>at least</u> 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 <i>Guide 5: <u>Processing Water Licence Applications</u></i> for more information)				
26. ANNUAL REPORTING				
Will the proposed amendment change the content of annual reports or the annual report template?				
☐ Yes X No				
If Yes, provide details regarding the content of annual reports and a proposed outline or template of the annual report.				
27. 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.				
X Yes	🗌 No	lf no,	date expected	

Na	ime (Print)	Title (Pr	int)	Signature	Date	
Jamie Quesnel Regional Man Permitting and R Affairs		Regulatory	LEDR.	27 August 2020		
28.	SIGNATURE					
	X 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.						
	X Yes	🗌 No	If no, date expected			
	Application fee of \$30.00 CDN (Payee Receiver General for Canada).					
	X Yes	X Yes No If no, date expected				
	Inuktitut and/or Inuinnaqtun Summary of Amendment Application.					
	X Yes	Yes No If no, date expected				
	English Summary of Amendment Application.					
	X Yes	🗌 No	No If no, date expected			
	Indication of Renewal Requirement (see Block 26)					
	X Yes	🗌 No	If no, date expected			
	Compliance Assessment / Status Report (see Block 23).					
	X Yes	🗌 No	lf no, date	e expected		
	Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)					