

Application for Water Licence Amendment

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P.O. BOX 119 GJOA HAVEN, NUNAVUT XOB 1J0

Tel: (867) 360-6338 FAX: (867) 360-6369 אבת אביי ביי ביי אוניים איני אביי אביי אביי אביי אביי ארביים איניים אינ



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Desc PC-σες PUTSς GJOA HAVEN, NU X0B 1J0 NUNAVUT WATER BOARD NUNAVUT IMALIRIYIN KATIMAYIT OFFICE DES EAUX DU NUNAVUT

APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: <u>Licensee Requirements Following the Issuance of a Water Licensee</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-MEA1525	
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. Not Applicable the Licensee is the same and the name of the Licensee is the same.	
Name: Agnico Eagle Mines Limited	
Address: 145 King Street East, Suite 400, Toronto, Ontario M5C 2Y7	
Phone:	
Fax:e-mail:	
<u> </u>	
2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.	
Ryan Vanengen Agnico Eagle Mines Ltd. Meadowbank Gold Mine	
P.O. Box 540 Baker Lake, Nunavut, X0C 0A0	
Jamie Quesnel Agnico Eagle Mines Ltd. Meadowbank Gold Mine P.O. Box 540	

Baker Lake, Nunavut, X0C 0A0		
Phone: _819.759.3555 x 6838 Fax:		
e-mail: meadowbank.environmentsupervisors@agnicoeagle.com(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. Not Applicable		
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 X No		
Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes.		
NTS Map Sheet No.: _56 D/13; 66 A/16; 66 H/1; 56E/4 Map Name: _Modified Combined for overlap of several NTS Maps Map Scale: 1:50000		
Refer to NWB Public Registry Link: http://www.nwb-oen.ca/public/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEA1525%20Agnico/1%20APPLICATION/2003%20Application/031022NWB1MEA%20Map%20109479-ILAE.pdf		

	Yes	W M
		X No
	indicate changes.	
	any of the following that are applicable to the proce' header must be checked).	pposed undertaking (at least one box under the
	Sub-surface	
	☐ Mineral Lease from Nunavut Tunngavik Incorpote (expected date) of issuance:	porated (NTI) Date of expiry:
	☐ Mineral Lease from Indian and Northern Affair Date (expected date) of issuance:	
	Surface	
	Crown Land Use Authorization from Indian and Date (expected date) of issuance:	
	☐ Inuit Owned Land (IOL) Authorization from Kit Date (expected date) of issuance:	
	X IOL Authorization from Kivalliq Inuit Association Date (expected date) of issuance: Current	
	☐ IOL Authorization from Qikiqtani Inuit Associa Date (expected date) of issuance:	
	Commissioner's Land Use Authorization Date (expected date) of issuance:	_ Date of expiry:
	Other	
	Date (expected date) of issuance:	Date of expiry:
s the i	name of the entity(s) holding authorizations the sa	
	X Yes	□No
f No, a	a licence assignment must be completed and app	proved by the NWB.
√ame	of entity(s) holding authorizations: Agnico Eagle	Mines Limited
	NUNAVUT PLANNING COMMISSION (NPC) D	

☐ North Baffin	X Keewatin		
☐ South Baffin ☐ Akunniq	☐ Sanikiluaq ☐ West Kitikmeot		
Does the proposed amendment change the land use planning area?			
	☐ Yes X No		
If yes, indicate the land use planning area in w	hich the amended undertaking is located.		
□ North Baffin	X Keewatin		
South Baffin	Sanikiluaq		
☐ Akunniq	☐ West Kitikmeot		
Was a land use plan conformity determination licence?	required from NPC prior to the issuance of the existing water		
	X Yes No		
If Yes, indicate date issued and attach copy.	Copy of on File refer to NWB Public Registry		
Document: 141128 2AM-MEA0815 NPC lett	er to NWB AEM renewal request-IMLE.pdf		
Refer to Link:			

9. DESCRIPTION OF UNDERTAKING		
Does the proposed amendment change the description of the undertaking?		
X Yes No		
List and attach plans and drawings or project proposal. Identify proposed changes.		
The physical description of the Undertaking does not change; no new facilities or infrastructure. The amount of water use and waste disposal will extend 4 more years resulting from processing and milling of ore and disposal of resulting tailings associated with the Whale Tail Project at Meadowbank Facilities. However, it does not change the water use requirements as per 2AM MEA1525 Part E.		
10. OPTIONS		
Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?		
X Yes No		
Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.		
Alternative methods for milling of ore and disposal of waste associated with Whale Tail Project are detailed under the 2AM-WTP Project Application currently under review. No alternative methods and locations for storage of tailings and no additional specifics to the Meadowbank project infrastructure were considered. Refer to FEIS Volume 1, Section 1.2.		
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 ☐ Respective of the control of the contr		
☐ Municipal (includes camps/lodges)☐ Power☐ Recreational☐ 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 ExplorationX Mine Development			
☐ Municipal ☐ General Water Works			
Power			
The Amendment request is limited in scope and SIG not provided. Refer to cover letter for additional amendment details listed in Table 2.4-5.			
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 cross a watercourse X To alter the flow of, or store water X Other: _Discharge of Lake Water Seepage (Application 23/07/2014)			
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 cross a watercourse □ To modify the bed or bank of 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:			
Approved sources (23/07/2014) as Third Portage Lake, Wally Lake and Unnamed Lake (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 change the overall quantity of water to be used?			
☐ Yes X No			

Provide the overall estimated quantity to be used. Identify proposed changes. : Refer to cover-letter attached and Table 2.4 - 4 for estimates of quantity for each source, annually. m³/day
Does the proposed amendment change the quantity of water to be used from each source?
☐ Yes X No
Provide the estimated quantity(s) of water to be used from each source. Identify proposed changes. :
Refer to the cover-letter attached for estimate of quantity for each source, annually.
Does the proposed amendment change the quantity of water to be used for each purpose?
☐ Yes X No
Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed changes.:
Refer to the cover-letter attached for estimated of quantity for each source, annually.
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. : m³/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
☐ Animal Waste ☐ Other (describe):
Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?
☐ 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 ☐ Bulky Item ☐ Animal Wa ☐ Other (des	s/Scrap Metal iste	_	soil and/or water	
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 a	mendment change the	e composition(s) of the	types of wastes involved	ved?
		X Yes		
Does the proposed a	mendment change the	e method(s) of treatme	ent for the types of was	te involved?
		☐ Yes X No		
Does the proposed a	mendment change the	e method(s) of disposa	al for the types of waste	e involved?
		☐ Yes X No		
If Yes to any of the above, describe the proposed changes: Agnico Eagle proposes to mill Whale Tail Pit ore, dispose of Tailings in the Meadowbank Tailings Storage Facility. As a stand-alone document, Appendix WT- Meadowbank Tailings Storage Facility Management Plan for Whale Tail Pit was provided to the NWB as part of the review process on January 23, 2017, in support of the 2AM MEA-1525 Amendment. Refer to Link: For WTP Appendix - http://www.nwb-oen.ca/public/registry/2%20MINING%20MILLING/2A/2AM%20-				
%20Mining/2AM-WT %20Agnico/1%20AF	<u>P</u> PPLICATION/2017%2	OUpdated%20Manage	ement%20Plans/	
As well, please refer to 2AM-MEA1525 Mine Waste Rock and Tailings Management Plan (March 2016)				
Agnico Eagle is committed to assessing the composition of the Whale Tail Pit tailings consistent with the existing and approved 2AM-MEA1525 Tailings Management Plan and will update the plan 60 days prior to disposal of any tailings from Whale Tail Pit to the Meadowbank Tailings Storage Facility.				
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

					j
16. OTHER AUTH	IORIZATIONS				
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					
	dditional authorization continue to be require	s required, which auth d.	orizations are no long	er required, and	
For each provide the	following:				
Authorization:					
Administering Agency	y:				
Project Activity:					
Date (expected date)	of issuance:	Date of expi	ry:		
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?					
mugation moderator		☐ Yes X No			
Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes.					
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?				er	
		☐ Yes X No			
If Yes, provide the na	mes, addresses and t	he nature of water use	e by those persons or I	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 trap line holders, and holders of other rights of a similar nature?			ste		
		☐ Yes X No			
If Yes, provide the na	mes, addresses and t	he nature of water use	e of those persons or p	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)
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.
Refer to the Whale Tail Pit FEIS and Water Licence Application – Volume 2, Appendix 2-G
21. SECURITY INFORMATION
Does the proposed amendment change the financial security assessment?
☐ Yes X No
Does the proposed amendment change the estimate of the total financial security for final reclamation?
☐ Yes X 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. Not Applicable – no significant change in infrastructure
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 <i>Mine Site Reclamation Policy for Nunavut</i> , 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. Refer to the Whale Tail Pit FEIS and Water Licence Application – Volume 2, Appendix 2-H.
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.
Meadowbank North Cell TSF Expansion – Design of Internal Structures – Link: <a 0%20scope%20enforce%20(a)="" 1%20inspection="" 161206%202am-mea1525%20water%20licence%20inspection%20report%20161128-ilae.pdf<="" 2%20mining%20milling="" 2016="" 2a="" 2am%20-%20mining="" 2am-mea1525%20agnico="" 3%20tech="" a="" href="http://www.nwb-oen.ca/public/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-WTP%20Agnico/1%20APPLICATION/3%20Compressed%20Files%20Appendices%20Only%20(5MB%20Parts)/Vol%208%20Appendices/160630%2003MN107%20App8%20A%201%20Addendum%20Mine%20Waste%20Rock%20Tailings%20Mgmt%20Plan-IAAE.pdf</td></tr><tr><td>Existing operational reports associated with Meadowbank Mine Infrastructure Management Plans are approved through the following which can be found on the NWB public registry: Dewatering Dikes OMS Manual; Mine Waste Rock and Tailings Management Plan; Tailings Storage Facility Operation, Maintenance and Surveillance Manual; and Water Quality Monitoring and Management Plan for Dike Construction Dewatering. For linkage to Whale Tail Pit refer to summary provided in Volume 8 of the 2AM-WTP application.</td></tr><tr><td>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.</td></tr><tr><td>Refer to Inspection Form from INAC at Link:
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.
The most recent compliance report issued by INAC is dated April 26, 2013 and is considered outdated and not applicable to assess current compliance status of site. Based on recent inspection report identified above Agnico Eagle considers they are operating in compliance with the terms and conditions of the existing water licence.
24. PROPOSED TIME SCHEDULE
When are proposed amendments scheduled to be undertaken:
Does the proposed amendment change the time schedule considered in the existing licence for any phase of

development?				
☐ Yes X No				
Indicate the start and completion dates for each applicable phase of development (construction, operation,				
closure, and post closure). Identify proposed chang				
Construction				
Proposed Start Date:(month/year)	Proposed Completion Date:(month/year)			
<u>Operation</u>				
Proposed Start Date:2/2010(month/year)	Proposed Completion Date: 06/2018 (month/year)			
Closure	, ,			
Proposed Start Date:0//2018 (month/year)	Proposed Completion Date:12/2028 (month/year)			
Post - Closure	, ,			
Proposed Start Date: 01/2029 (month/year)	Proposed Completion Date: 23/2040 (month/year)			
For each applicable phase of development indicate w	rhich season(s) activities occur.			
Construction				
☐ Winter ☐ Spring ☐ Summer ☐ F	all All season			
Operation				
☐ Winter ☐ Spring ☐ Summer ☐ F	all X All season			
<u>Closure</u>				
☐ Winter ☐ Spring ☐ Summer ☐ F	all X All season			
Post - Closure				
☐ Winter ☐ Spring ☐ Summer ☐ F	all X All season			
25. PROPOSED TERM OF LICENCE				
On what date does the existing licence expire?	July 22, 2025			
Agnico Fagle is not seeking to amend the term of	the current 2AM-MEA1525 Water Licence Agnico			
Agnico Eagle is not seeking to amend the term of the current 2AM-MEA1525 Water Licence. Agnico Eagle believes the construction, operations, and closure activities associated with Whale Tail Pit				
operations fits within the existing water licence term.				
Is the Licensee applying for a combined renewal and amendment of the existing licence?				
☐ Yes X No				
_				
If Yes, indicate the proposed term of the renewal (maximum of 25 years):				
Requested date of renewal issuance: Requested Expiry Date: (month/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 Guide 5: Processing Water Licence Applications 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 If no, date expected Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11) ☐ Yes X No If no, date expected (Minor amendment – Not applicable) Compliance Assessment / Status Report (see Block 23). X Yes □No If no, date expected Indication of Renewal Requirement (see Block 26) If no, date expected X Yes □No English Summary of Amendment Application. X Yes □No If no, date expected _____ Inuktitut and/or Inuinnagtun Summary of Amendment Application. X Yes □No If no, date expected Application fee of \$30.00 CDN (Payee Receiver General for Canada). 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. ☐ Yes If no, date expected ___ X No Paid in accordance with existing water licence requirements 2AM-MEA1525 (next installment

28. SIGNATURE

adjusted to reflect water usage authorized)

Ryan Vanengen	Amaruq Permitting Lead	Boos	May 25/17
Name (Print)	Title (Print)	Signature	Date