



March 16, 2015

Phyllis Bealieu  
Manager of Licensing  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU X0B 1J0  
Via Email: phyllis.beaulieu@nwb-oen.ca

**Re: Type B Water Licence Application for Amarug Exploration Access Road**

Dear Ms. Beaulieu,

Agnico Eagle Mines Limited (Agnico Eagle) is filing with the Nunavut Water Board a Type B water licence application for the Amarug Exploration Access Road. The proposed exploration access road is a 62.5 km long road located approximately 150 km north of Baker Lake and approximately 50 km northwest of the Meadowbank mine.

Agnico Eagle's intention is to acquire necessary permits and build a single lane gravel surfaced exploration access road linking the Amarug exploration project site to the Meadowbank mine site. This will facilitate safe, efficient, economical year round operations, including, the transport of fuel, equipment and personnel in support of ongoing exploration, camp operations, future exploration ramp decline and environmental baseline data collection. Information related to the construction and operation of the exploration access road is presented in Attachment C: Main Application Document in support of the Type B water licence application (Attachment A) and a NIRB Part 1 Form (Attachment B) and NIRB Part 2 Project Specific Information Requirements for screening of the proposed access road.

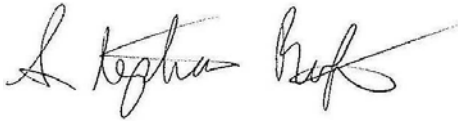
In addition, Agnico Eagle confirms our financial responsibility is adequate for completion of the undertaking, mitigating adverse impacts, ongoing maintenance, reclamation and restoration of the undertaking. Agnico Eagles is confident in assuming this position taking into account its current, ongoing and past performance in the Kivalliq region, Nunavut and in Canada.

By copy of this letter to the NPC and NIRB, Agnico Eagle is requesting conformity determination from NPC and screening of the project by the NIRB. The NIRB Part 1 Form is provided as Attachment B.

We trust the above and attached is sufficient to meet your requirements. Should you have any questions or concerns, please do not hesitate to contact Stephane at 819-763-0229 or [stephane.robert@agnicoeagle.com](mailto:stephane.robert@agnicoeagle.com) or Ryan at 819.651.2974 or [ryan.vanengen@agnicoeagle.com](mailto:ryan.vanengen@agnicoeagle.com).

Furthermore, Agnico Eagle would like to confirm, Golder Associates Limited as additional applicant representatives for the purposes of this application.

Yours sincerely,



Stéphane Robert  
Stephane.robert@agnicoeagle.com  
819-763-0229  
Manager Regulatory Affairs



Ryan Vanengen, M.Sc.  
ryan.vanengen@agnicoeagle.com  
819-651-2974  
Environment Superintendent

CC: NPC – Brian Aglukark, Director Plan Implementation  
NIRB - Jaida Ohokannoak, Manager, Technical Administration

Attachment A – NWB New Type B Water Licence Application Form  
Attachment B – NIRB Part 1 Application Form  
Attachment C – Main Application Document  
Attachment D – Water Use Fee (\$30.00 cheque c/o Receiver General for Canada)  
Attachment E – Application Fee (\$30.00 cheque c/o Receiver General for Canada)  
Attachment F – Concordance Assessment  
Attachment G – Supporting Documents



## ATTACHMENT A -

General Water Licence Application  
(Application for a new Water Licence)

Document Date: April 2013

Application Submission Date: 03/16/2015  
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



P.O. Box 119

GJOA HAVEN, NU X0B 1J0

TEL: (867) 360-6338

FAX: (867) 360-6369

kNK5 wmoEp5 vtmp5

NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYIT

OFFICE DES EAUX DU NUNAVUT

### GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: *Guide to Completing and Submitting a Water Licence Application for a New Licence* for more information about this application form.

LICENCE NO: (for NWB use only)	
<p><b>1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION</b> (name, address)</p> <p><b>Agnico Eagle Mines Ltd.</b>  <b>10200, Route De Preissac, Rouyn-Noranda, Quebec,</b>  <b>J0Y 1C0</b></p> <p><b>Contact: Ryan Vanengen,</b>  <b>Environment Superintendent Agnico Eagle Mines-</b>  <b>Nunavut</b></p> <p>Phone: M- 819-651-2974 or 819-759-3555 extension  <b>6838</b>          Fax: not available          e-mail: <b>ryan.vanengen@agnicoeagle.com</b></p>	<p><b>2. APPLICANT REPRESENTATIVE CONTACT INFORMATION</b> if different from Block 1 (name, address)</p> <p>Phone: _____          Fax: _____          e-mail: _____          (Attach authorization letter.)</p> <p><b>Refer to Supplemental Document, Section XX and Appendix XX</b></p>
<p><b>3. NAME OF PROJECT</b> (including the name of the project location)</p> <p><b>Amaruq Exploration Access Road</b></p>	
<p><b>4. LOCATION OF UNDERTAKING</b></p> <p><b>Project Extents - The road is a linear development, the terminus of both ends the road is provided below).</b></p> <p><b>Main Project Component is Amaruq exploration access road:</b>          Southeast Terminus of Road    Latitude: ( 65° 04' 53.3" N)    Longitude: ( 96° 01' 00.8" W)          Northwest Terminus of Road    Latitude: ( 65° 23' 49.7" N)    Longitude: ( 96° 40' 35.8" W)</p> <p><b>Associated Project Components:</b>  <b>Spur Road and Borrow/Eskers - There will also be six short roads off the main access road referred to as spur roads. They will be used to access borrow pits located on eskers proximal to the road. Note: there is no spur road for Esker 2.</b></p>	

Refer to the Main Application Document s. 3.5, Table 3.5-3 for exact Latitude and Longitude for spur roads and eskers.

**Culverts and Bridges**

There will also be 3 bridges and 8 arch culverts and various localized drainage culverts. Refer to the Main Application Document s. 3.5, Table 3.5-2 and Table 3.5-3 for exact Latitude and Longitude for spur roads and esker borrow areas.

**Camp Location(s):**

There is no camp associated with this application. Construction crews will be accommodated at existing and approved Agnico Eagle Facilities.

5. **MAP** - Attach a topographical map, indicating the main components of the undertaking.

Refer to the Main Application Document (MAD):

**Figure 1.4-2 Proposed Exploration Access Road on IOL with Esker Borrow Areas**

**Figure 3.4-2 Watercourse Crossing Locations**

NTS Map Sheet No.: **066H**

Map Name: **Amer Lake** Map Scale: **1:250,000 (NAD 83)**

**UTM Zone 14 W**

In accordance with the *Nunavut Water Regulations (SOR/2013-69)*, s. 17(1) and Schedule 4, the road is located on the border of the Thelon River and Back River, and within the Quich River Watershed. Refer to the Main Application Document s.3.4, Table 3.4-2

6. **NATURE OF INTEREST IN THE LAND** - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Refer to the Main Application Document: **S. 1.4 and Figure 1.4-2 – Proposed Exploration Access Road on Inuit Owned Lands**

**Sub-surface**

☒ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)

Date (expected date) of issuance: **April 2013** 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: **September 2015**

Date of expiry: **12/2017**

**Purpose: Lease for road and quarry permit(s) for borrow pit development on Crown Land**

☐ 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: **September 2015**

	<p>Date of expiry: <b>12/2016</b> (to be renewed annually)- check  <b>Purpose: Lease for road and quarry permit(s) for borrow pit development on IOL</b></p> <p><input type="checkbox"/> IOL Authorization from Qikiqtani Inuit Association (QIA)  Date (expected date) of issuance: _____ Date of expiry: _____</p> <p><input type="checkbox"/> Commissioner's Land Use Authorization  Date (expected date) of issuance: _____ Date of expiry: _____</p> <p><input type="checkbox"/> Other: _____  Date (expected date) of issuance: _____ Date of expiry: _____</p> <p>Name of entity(s) holding authorizations: <b>Agnico Eagle Mines Ltd., Exploration Division</b></p>						
<b>7.</b>	<p><b>NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION</b></p> <p>Indicate the land use planning area in which the project is located.</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> North Baffin</td> <td><input checked="" type="checkbox"/> Keewatin</td> </tr> <tr> <td><input type="checkbox"/> South Baffin</td> <td><input type="checkbox"/> Sanikiluaq</td> </tr> <tr> <td><input type="checkbox"/> Akunnig</td> <td><input type="checkbox"/> West Kitikmeot</td> </tr> </table> <p>Is a land use plan conformity determination required?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  If Yes, indicate date issued and attach copy  <b>On submission of the application to the NWB, all documents submitted to the NWB were copied to the NPC with a request for conformity determination.</b></p> <p>If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.</p>	<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
<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						
<b>8.</b>	<p><b>NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION</b></p> <p>Is an Article 12 Part 4 screening determination required?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  If Yes, indicate date issued and attach copy  <b>On submission of the application to the NWB, all documents submitted to the NWB were copied to the NIRB with a request for screening.</b></p> <p>If No, provide written confirmation from NIRB confirming that a screening determination is not required.</p>						
<b>9.</b>	<p><b>DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.</b></p> <p><b>Refer to the Amaruq Exploration Access Road Main Application Document Attachment C</b></p> <p><b>The undertaking is for construction and operations of an Exploration Access Road, associated spur roads needed for borrow pit/quarry development, borrow areas, and water management infrastructure including culverts and bridges.</b></p> <p><b>Amaruq Exploration Access Road Plans submitted include:</b></p>						

- **Main Application Document ;**
- **Emergency Response and Spill Contingency Plan;**
- **Road Management Plan;**
- **Conceptual Closure and Reclamation Plan;**

- **Below is a list of relevant Figures and Tables for the project proposal found in the Main Application Document:**

Figure 1.1-1: General Site Layout

Figure 1.4-2: Proposed Exploration Access Road on Inuit Owned Lands

Figure 3.3-1: Typical Road Cross Section for Thaw Susceptible Soil

Figure 3.3-2: Typical Road Cross Section for Thaw Unsusceptible Soil

Figure 3.3-3: Plan View of Typical Road at a Passing Turnout

Figure 3.4-1a: General Bridge and Arch Culvert Layouts

Figure 3.4-1b: General Bridge and Arch Culvert Layouts

Figure 3.4-1c: General Bridge and Arch Culvert Layouts

Figure 3.4-2: Watercourse Crossings along the Proposed Exploration Access Road

Figure 4.1-1: Water Management Areas

Table 1.5-1: Approximate Timeline for Construction – Proposed Amaruq Exploration Access Road

Table 3.0-1: Proposed Exploration Access Road General Description

Table 3.1-2: Construction Consumables and Storage Location for the Exploration Access Road

Table 3.3-1: Exploration Access Road Design Criteria

Table 3.4-1: Summary of Bridges, Arch Culverts, Mitigation Culverts, and Borrow Areas

Table 3.4-2: Locations and Design Specifications for Crossings with Fisheries Considerations

Table 3.5-1: Grains Size Partitions for each Esker Borrow Source

Table 3.5-2: Amaruq Exploration Access Road Borrow Pits and Waste Rock for Road Construction

Table 3.5-3: Amaruq Exploration Access Road – Spur Roads

- 10. OPTIONS** – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

**Refer to the Main Application Document s.2.0 – Project Proposal and the alternatives assessment in s.2.2, s 2.3 and 2.4**

- 11. CLASSIFICATION OF PRIMARY UNDERTAKING** - Indicate the primary classification of undertaking by checking one of the following boxes.

☐ Industrial

☐ Agricultural

☒ Mining and Milling (includes exploration/drilling/exploration camps)

☐ Conservation

☐ Municipal (includes camps/lodges)

☐ Recreational

☐ Power

☐ Miscellaneous (describe below):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings.

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. 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

**Refer to Attachment F, Completed Concordance Assessment for Miscellaneous Supplemental Information Guide (SIG) for General Water Works (including crossings, trainings, flood control, diversions and flow alternations) (M1) (NWB, February 2010)**

- 12. WATER USE** - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

- ☐ 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
- ☐ To divert a watercourse
- ☒ To modify the bed or bank of a watercourse
- ☐ Flood control
- ☒ Other If necessary to obtain water for dust suppression for access road construction and during operation of the access road.

- 13. QUANTITY AND QUALITY OF WATER INVOLVED** - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.

Name of water source(s) (show location(s) on map)

**Refer to Main Application Document. Waterbodies Pipe Dream Lake and Innugugayualik Lake are shown on Fig 1.4-2 – Proposed Exploration Access Roads on IOL and Fig. 3.4-2 – Watercourse crossing locations. These lakes are located approximately mid-way along the exploration access road and have sufficient volume to support water extraction for dust suppression purposes.**

**Direct Water use may be required for dust suppression. Refer to Main Application Document s. 3.6 – Dust Suppression and in s 8.3 of the Amaruq Exploration Access Road - Road Management Plan.**

Describe the quality of the water source(s) and the available capacity:

**The quality of the water from existing water bodies is pristine. They are routinely monitored for water quality and reported as reference lakes in the Meadowbank Annual report in the Core Receiving Environmental Monitoring Report.**

**The quantity of water available for use is expected to be sufficient for dust suppression as different sources will be used dependent on the section of road to be treated.**

Provide the overall estimated quantity of water to be used: **299 m<sup>3</sup>/day.**

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

**Given Agnico Eagles past experience in road operation in the region it is unlikely that the**



**299 m<sup>3</sup>/day will be required for daily use. Use will only take place during the summer. Exact location of extraction will vary as construction of the road progresses and will depend on operations.**

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)

**Single use: Dust Suppression**

Describe the method of extraction(s):

**Gas powered pumps will pump water from the source into a tank mounted on the truck bed. The intake for the pump will be fitted with a screen to avoid the impingement of fish.**

Estimated quantity(s) of water returned to source(s) **0 m<sup>3</sup>/day**

**The application of water to the road for dust suppression will be sufficient to wet the running surface but not enough to have any water runoff.**

Describe the quality of water(s) returned to source(s): **Not Applicable (N/A)**

- 14. WASTE** – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

☐ Sewage

☒ Solid Waste

☐ Hazardous

☐ Bulky Items/Scrap Metal

☐ Animal Waste

☐ Other (describe): \_\_\_\_\_

☒ Waste oil

☐ Greywater

☐ Sludges

☒ Contaminated soil and/or water

- 15. QUANTITY AND QUALITY OF WASTE INVOLVED** – 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
<b>Miscellaneous Solid waste (expected during construction phase only)</b>	Cardboard, cans, steel, food waste	Conservatively 10 kg/day of waste can be expected	Road waste will be returned to an existing Agnico Eagle camp facility	Disposed of at the Meadowbank mine landfill or incinerated
<b>Waste Oil</b>	Waste Oil from engine changes (undertaken by qualified mechanic)	Conservatively 100 litres/month is expected	Road waste will be returned to an existing Agnico Eagle camp facility	Disposed of by burning in waste oil burners or shipped south to an approved for recycling facility
<b>Contaminated Soil</b>	Soil collected due to small fuel spills that may occur along the	Conservatively estimated at 100 m3	Contaminated soil will be returned to an existing Agnico Eagle facility	Disposed of at the approved Meadowbank landfarm

	road or in the borrow areas; small quantities of fuel following spill remediation			and appropriately treated
--	---	--	--	---------------------------

**16. OTHER AUTHORIZATIONS** – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:

**Refer to Main Application Document s. 1.4, Table 1.4-2 and Table A-1.**

Authorization: \_\_\_\_\_

Administering Agency: \_\_\_\_\_

Project Activity: \_\_\_\_\_

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

**17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** - Describe direct, indirect, and cumulative impacts related to water and waste.

**Refer to the Main Application Document s. 4.0 – Description of Existing Environment, Environmental Impacts and Mitigation for a detailed impact assessment. Specifically, refer to s. 4.1.5 – Hydrology; s 4.1.5 – Potential for Acid Generation/Metal leaching; 4.2 – Aquatic Environment.**

**No waste is expected to be deposited in water as construction, operation and closure of the road will follow best management practices and solid waste will be disposed of at approved facilities. Material borrowed for the construction of the road will be sourced from non-potentially acid generating borrow areas. Construction of the road will largely occur during winter and measures to mitigate erosion and possible waste deposition will be undertaken throughout the construction. If needed, thorough construction monitoring and erosion control measures (including silt fences and contouring road shoulders or abutments) will mitigate suspended solids reaching the rivers and streams during open water.**

**The quantity and quality of water is expected to remain unchanged at all water crossings as flows will be maintained. The quantity of water used occasionally for dust suppression will be minor and taken from large lakes. No significant direct or indirect changes, or cumulative effects are expected to result from the construction or operation of the access road.**

**18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER**

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent 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.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been

reached with any existing or other users.

**Agnico Eagle is unaware of any existing water rights or other water users along the route of the Amaruq road or downstream of it.**

**19. INUIT WATER RIGHTS**

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and 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 Designated Inuit Organization (DIO).

**A letter will be filed by Agnico Eagle and the KIA confirming resolution of compensation (if required) prior to the issuance of a water licence.**

**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.

**Consultation was initiated through consultation with the HTO in August 2014, in Baker Lake through a traditional knowledge study in December 2014 and in January 2015 during the public meetings as part of the Meadowbank Type A renewal prehearing conference. Please refer to the Main Application Document s. 6.0 – Consultation for additional consultation. Agnico Eagle will continue to consult with stakeholders prior to the issuance of a water licence for the access road.**

**21. SECURITY INFORMATION**

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.

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.

**The estimated reclamation cost for the Amaruq Access Road is \$1,693,010. Refer to the Amaruq Exploration Access Road - Conceptual Closure and Reclamation Plan s. 4.0 – Table 1 - Estimate of Reclamation Liability for the Amaruq Exploration Access Road, for a detailed cost estimate based on Reclaim 7.0.**

**22. FINANCIAL INFORMATION**

**Refer to Main Application Document s. 1.2 – Proponent Information.**

Provide a statement of financial responsibility.

**AEM has set out to build a company that is focused on quality, growth and a strong financial position, while protecting the environment, maintaining a safe workplace and retaining full**



**Undetermined inferred resource – exploration is planned to continue at a minimum of 5 years after the road is completed.**

Proposed Start Date:   **To be determined**   Proposed Completion Date:   **To be determined**    
(month/year) (month/year)

Post - Closure

Proposed Start Date:   **t.b.d**   Proposed Completion Date:   **t.b.d**    
(month/year) (month/year)

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

Construction

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season (Most construction during winter)

Operation

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season

Closure

☒ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

Post - Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

**25. PROPOSED TERM OF LICENCE**

Number of years (maximum of 25 years): **10** years

Requested Date of Issuance:   **09/2015**   Requested Expiry Date:   **12/2025**    
(month/year) (month/year)

(The requested date of 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)

**26. ANNUAL REPORTING** – If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

**Agnico Eagle will use the Standardized Form for Annual Reporting that will include main headings :**

**Executive Summary**

**Construction activity**

**Water Use**

**Waste**

**Spills**

**Modifications**

**Monitoring – construction and operational**

## Closure

- 27. CHECKLIST** – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

☐ Yes ☒ No If no, date expected \_\_\_\_\_

**As this is a new Project, Agnico Eagle sent the Water Licence application and supporting information directly to the Nunavut Planning Commission for a determination if the Project is in conformity with the Keewatin Regional Land Use Plan.**

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☐ Yes ☒ No If no, date expected \_\_\_\_\_

**As this is a new Project, Agnico Eagle sent the Water Licence application and supporting information directly to the Nunavut Impact Review Board for a screening/assessment.**

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected \_\_\_\_\_

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

☒ Yes ☐ No If no, date expected \_\_\_\_\_

English Summary of Application.

☒ Yes ☐ No If no, date expected \_\_\_\_\_

Inuktitut and/or Inuinnaqtun Summary of Application.

☒ Yes ☐ No If no, date expected \_\_\_\_\_

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

☒ Yes ☐ No If no, date expected \_\_\_\_\_

**A cheque for \$30.00 c/o Receiver General for Canada in Attachment D and a check will follow under a separate cover via Canada Post.**

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 \_\_\_\_\_

**A cheque for \$30.00 c/o Receive General for Canada in Attachment E and a check will follow under a separate cover via Canada Post**

**28. SIGNATURE**

**Ryan VanEngen**

**Environment  
Superintendent**



**March 16,  
2015**

**Name (Print)**

**Title (Print)**

**Signature**

**Date**

## ATTACHMENT B



### PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

To access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board's ftp site <http://ftp.nirb.ca/>. The NIRB's website ([www.nirb.ca](http://www.nirb.ca)) is currently under construction. Please contact [info@nirb.ca](mailto:info@nirb.ca) should you have any questions or require further information.

#### IMPORTANT!

Please be advised that your application will not be processed until the Sections 1 - 9 are completed in their entirety, in both English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

#### SECTION 1: APPLICANT INFORMATION

1. Project Name Amaruq Exploration Access Road

2. Applicant's full name and mailing address:

Agnico Eagle Mines Ltd.  
10200, Route De Preiessac, Rouyn- Noranda,  
Quebec, J0Y 1C0

Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email: n/a

3. Primary contact's full name and mailing address:

Ryan Vanengen  
Environment Superintendent - Nunavut  
Agnico Eagle Mines

Phone: T: 819-759-3555 extension-6838  
M: 819-651-2974  
Fax: n/a  
Email: ryan.vanengen@agnicoeagle.com

#### SECTION 2: AUTHORIZATION NEEDED

1. Indicate all authorizations associated with the project proposal:

<input checked="" type="checkbox"/> Regional Inuit Association (RIA)	<input type="checkbox"/> Canadian Launch Safety (CLS)
<input checked="" type="checkbox"/> Nunavut Water Board (NWB)	<input type="checkbox"/> Canadian Wildlife Service (CWS)
<input checked="" type="checkbox"/> Nunavut Planning Commission (NPC)	<input type="checkbox"/> Department of National Defense (DND)
<input type="checkbox"/> Government of Nunavut (GN)	<input type="checkbox"/> Environment Canada (EC)
<input type="checkbox"/> Community Government & Services (CG&S)	<input type="checkbox"/> Fisheries and Oceans Canada (DFO)
<input type="checkbox"/> Culture and Heritage (CH)	<input type="checkbox"/> Parks Canada (PC)
<input type="checkbox"/> Nunavut Research Institute (NRI)	<input type="checkbox"/> Hamlet
<input checked="" type="checkbox"/> Aboriginal Affairs and Northern Development	<input type="checkbox"/> Other (please specify):



<input type="checkbox"/> Canada (AANDC)	
---	--

2. List the active permits, licenses, or other authorizations related to the project proposal, and their expiry date(s):

KVL312C03 Amaruq Exploration, expires August 28, 2016

KVCA15Q01, Amaruq quarry permit

KVRW011F01, Amaruq Winter Road Right of Way, expires April 15, 2016

2BE – MEA 1318, Type B Water License for camp and exploration drilling, expires Mar 6, 2018

See Main Supporting Document s.1.4.3, Table 1.4-2, for additional info.

3. List the pending\* permits, licenses, or other authorizations related to the project proposal:

See Main Supporting Document s.1.4.2, Table 1.4-1.

\*Please provide a copy of all applications to the NIRB.

4. Has this project or any components of this project been previously screened or reviewed by NIRB?

☒ YES

☐ NO

If YES, indicate the previous project name and NIRB File No. **03MN107**

While not a component of this project some background for the NIRB; the NIRB has screened the Amaruq Exploration Site and winter road screening under 11EN010

### SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal (check all that apply)<sup>(1,2)</sup>:  
(See Appendix A for Project Type Definitions)

1	All-Weather Road/Access Trail	<input checked="" type="checkbox"/>	9	Site Cleanup/Remediation	<input checked="" type="checkbox"/>
2	Winter Road/ Winter Trail	<input type="checkbox"/>	10	Oil and Natural Gas Exploration/Activities	<input type="checkbox"/>
3	Mineral Exploration	<input type="checkbox"/>	11	Marine Based Activities	<input type="checkbox"/>
4	Advanced Mineral Exploration	<input type="checkbox"/>	12	Scientific/International Polar Year Research*	<input type="checkbox"/>
5	Mine Development /Bulk Sampling	<input type="checkbox"/>	13	Harvesting Activities*	<input type="checkbox"/>
6	Pits and quarries	<input checked="" type="checkbox"/>	14	Tourism Activities*	<input type="checkbox"/>
7	Offshore Infrastructure (port, break water, dock)	<input type="checkbox"/>	15	Other <sup>(2)</sup> :	<input type="checkbox"/>
8	Seismic Survey	<input type="checkbox"/>			<input type="checkbox"/>

**Please note:**

- All project types listed above, except those marked with an asterisk (\*), will also require the Proponent to submit a **Part 2 Project Specific Information Requirement (PSIR) Form**. The NIRB application process will not be considered complete without the Part 2 PSIR Form.

2. Please be advised that in order to complete the NIRB process, the NIRB may request additional information at any time during the process.
3. If "Other" is selected, contact NIRB for direction on whether a Part 2 PSIR Form is required.
- 2. If Project Type 3, 4 or 5 was selected in previous question, please indicate the mineral of interest that is being extracted. Include a brief description.**

**NOT APPLICABLE**

<input type="checkbox"/>	Base Metals (zinc, copper, gold, silver, etc)	_____
<input type="checkbox"/>	Diamonds	_____
<input type="checkbox"/>	Uranium	_____
<input type="checkbox"/>	Other:	_____

**3a. If Project Type 12, 13 or 14 was selected above, complete the table and questions below.**

**NOT APPLICABLE**

Transportation Type	Quantity	Proposed Use	Length of Use
<i>E.g. Helicopter</i>	<i>1</i>	<i>Site to site pick ups and drop offs</i>	<i>6 days</i>

**3b.** Describe any docks, piers, air strips or related structures that are to be used in conjunction with the proposed project activities. **Please note:** *the building of new structures may require a Part 2 Form.*

**NOT APPLICABLE**

**3c.** If a temporary camp site is to be established, describe the proposed structures in detail and indicate the type and source of power for the camp site if applicable.

**NOT APPLICABLE**

**4. Personnel**

Total No. of personnel on site = (A)	Up to 100 _____	Total No. of days on-site = (B)	730 (2 years of construction)	<b>Total No. of Person days (A) × (B) = 73,000</b>
--------------------------------------	-----------------	---------------------------------	-------------------------------	--

**5. Timing**

Period of operation: from September 2015 to December 2025

Proposed term of authorization: from September 2015 to December 2030 (includes closure monitoring)

**6a. Region (check all that apply):**

☐ North Baffin ☒ Kivalliq ☐ Kitikmeot ☐ Transboundary: \_\_\_\_\_

☐ South Baffin ☐ National Park

**6b.** Describe the location of the proposed project activities in a regional context, noting the proximity to the nearest communities and any protected areas.

The Amaruq Exploration Access Road is a linear development to connect the existing Meadowbank Mine to the Amaruq exploration site. The Amaruq exploration property is a 408 sq.km exploration property located approximately 150 km North of Baker Lake and approximately 50 km northwest of the Meadowbank Mine.

**6c.** Discuss the history of the site if it has been used for any project activities in the past.

Portions of the winter road may overlap on the current all-weather exploration access road near the Amaruq exploration site. Otherwise there is no historical development along the road

**6d.** Indicate if there are any known archaeological/palaeontological historical sites in the area.

There were four archaeological sites on record found within close proximity of the proposed exploration access road area and include stone feature sites and one precontact artifact find. Refer to the Main Application Document s.4.4.1 – Archaeology and Heritage Sites and Attachment G. Prior to construction, a detailed survey and ground trothing will be conducted to collect additional observational data in specific areas that have the greatest potential to host additional archaeological sites along the proposed access road. Upon identification of archaeological sites along the proposed routing, the heritage value of the site will be evaluated, and prior to construction site specific mitigation measures will be implemented to eliminate impacts to each identified site.

**7. Land Status (check all that applies):**

☒ Crown ☐ Commissioners' ☐ Municipal  
☒ Inuit Owned Surface Lands ☐ Inuit Owned Sub-Surface Lands

**8a. Co-ordinates:**

Min Lat (degree/minute)	<u>65° 04' 53.3" N</u>	Min Long (degree/minute)	<u>65° 23' 49.7" N</u>
Max Lat (degree/minute)	<u>65° 23' 49.7" N</u>	Max Long (degree/minute)	<u>96° 40' 35.8" W</u>

NTS Map Sheet No: 066H – Amer Lake – 1:250,000 (NAD 83) UTM Zone 14W

(Please ensure that maps of the project are attached (1:50,000 if available, 1:250, 000 **Mandatory**) available from Natural Resources Canada)

**8b.** If the project proposal includes a **camp**, please provide the coordinates of the camp location

**NOT APPLICABLE**

Min Lat (degree/minute)	_____	Min Long (degree/minute)	_____
Max Lat (degree/minute)	_____	Max Long (degree/minute)	_____

If different from above for the camp:

NTS Map Sheet No: \_\_\_\_\_

Please ensure that maps of the project are attached (1:50,000 if available, 1:250, 000 **Mandatory**) available from Natural Resources Canada

Please note that additional location information may be required in a subsequent Project Specific Information Requirement (PSIR) submission. This may take the form of a digital Geographic Information Systems (GIS) file.

## **SECTION 4: NON-TECHNICAL PROJECT PROPOSAL DESCRIPTION**

Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:

- The project activities, their necessity and duration;
- Method of transportation;
- Any structures that will be erected (permanent/ temporary);
- Alternatives considered; and
- Long-term developments, the projected outcome of the development for the area and its timeline.

[Non- Technical Project Proposal Description](#) (abbreviated from the Main Application Document to meet the 500 word limit)

The Amaruq Exploration Property is a 408-square kilometre which supports an exploration camp site located on Inuit Owned Land approximately 150 kilometres north of Baker Lake and approximately 50 kilometres northwest of the Meadowbank mine. In July 2013, an exploration drilling program was initiated. The results of the drilling showed promising gold mineralization and drilling continued in October 2014 to advance an inferred deposit with the goal of becoming a potential satellite pit to the Meadowbank mill. Drilling will continue in 2015 (as weather permits) to progress the inferred deposit into a resource estimate to allow for feasibility studies to be completed in 2016.

As a result accelerating development of the Amaruq exploration site by moving to year-round exploration activity is important to Agnico Eagle. This accelerated development can best be achieved by connecting the Amaruq exploration site to the Meadowbank site by the construction of an exploration access road. This would allow safe access to medical care facilities at Meadowbank on a year round basis and would allow for an increase in drilling activity as key supplies (especially fuel) can be moved on a regular basis to Amaruq from supplies stored at Meadowbank and Baker Lake. It would also enable Agnico Eagle to look at going underground at Amaruq by constructing an exploration decline in 2018 to expand its Amaruq exploration program underground beyond 2019.

An alternatives assessment considered various options for routing that included a southern, eastern, or central route. The southern route uses the north portion of the Meadowbank Mine All Weather Access Road; the eastern route is predominantly on an esker. The central route, west of the esker, minimizes the possible effects to the environment and is the most economically and environmentally feasible; therefore, is carried forward in this application.

The proposed Amaruq Exploration Access Road route selected is 62.5 kilometres long. The proposed road surface will be 6.5 metres wide, with 3 bridges, 8 large open bottomed arch culverts, 28 corrugated round culverts to pass watercourse crossings and many other localized drainage culverts to prevent erosion, reduce thaw susceptibility and washout of the road during freshet. The bridges, open bottom arch culverts and round culverts will allow normal river and stream flow, and fish migration at road water crossings. The proposed Amaruq Exploration Access Road will have 7 borrow areas with short spur roads, will use the Vault Pit as a quarry and be a private road constructed by Agnico Eagle on both Crown and Inuit Owned Lands.





**IMPORTANT:** IF THE PROPOSED ACTIVITIES REQUIRE SUBMISSION OF A NIRB PART 2 PSIR FORM, PLEASE COMPLETE SECTION 8 ONLY, OTHERWISE CONTINUE ON WITH SECTION 5.

**SECTION 5 TO 7 – NOT APPLICABLE**

**AMARUQ EXPLORATION ACCESS ROAD IS SUBJECT TO PART 2 – PSIR**

All information required on the NIRB Part 2 PSIR Form is provided in the Main Application Document submitted in support of the new Type B Water Licence Application.

Note: NWBs Concordance Supplemental Information Guide has been amended to include NIRB's PSIR Part 2 requirements see Tab 6.0 and 6.1

**SECTION 5 TO 7 IS NOT APPLICABLE**

**SECTION 5: MATERIAL USE**

**1. List equipment to be used (including drills, pumps, aircraft, vehicles, etc.):**

Equipment type and number	Size – dimensions	Proposed use

**2a. Detail fuel and hazardous material use:**

Fuel	Number of Containers and Capacity of Containers	Total Amount of Fuel (in Litres)	Proposed Storage Methods
Diesel			
Gasoline			
Aviation fuel			
Propane			
Other			
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	

**2b. Describe the proposed Spill Prevention Plan.**

---

---

---

---

**3a. Detail the anticipated daily water consumption rates**

Daily amount (m <sup>3</sup> )	Proposed water retrieval methods	Proposed water retrieval location

**3b. Have you applied for a water License\* with the Nunavut Water Board?**

- ☐ YES  
☐ NO

If yes, what class of licence?

- ☐ Class A Water Licence  
☐ Class B Water Licence

\*Please provide a copy of the application or licence to the NIRB.

## SECTION 6: WASTE DISPOSAL AND TREATMENT METHODS

**1. List the types of waste associated with the proposed project activities:**

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage (human waste)			
Greywater			
Combustible wastes			
Non-Combustible wastes			
Overburden (organic soil, waste material, tailings)			
Hazardous waste			
Other:			

**2. Describe the proposed Waste Management Plan.**

---

---

---

---

## SECTION 7: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS

**1. List the community representatives that have been contacted and provide the minutes of the meetings if available:**

Community	Name	Organization	Date Contacted



## SECTION 8: GENERAL QUESTIONS

1. Will you be disturbing any known archaeological sites?

☐ YES

☒ NO

## SECTION 9: APPLICANT SIGNATURE

Please sign and date your application:



Signature

Environment Superintendent - Nunavut

Title

March 16, 2015

Date