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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No.: **8BC-MEL1516**

October 7, 2015

Stéphane Robert
Manager, Regulatory Affairs
Agnico Eagle Mines Limited.
145 King Street East, Suite 400
Toronto, Ontario, M5C 2Y7 Canada
Email: stephane.robert@agnicoeagle.com
info@agnicoeagle.com

RE: NWB Licence No. 8BC-MEL1516

Dear Mr. Robert,

Please find attached Licence No. **8BC-MEL1516** issued to Agnico-Eagle Mines Limited. by the Nunavut Water Board (NWB) pursuant to its authority under Article 13 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada (Nunavut Land Claims Agreement or NLCA)*. The terms and conditions of the attached Licence related to water use and waste disposal are an integral part of this approval.

If the Licensee contemplates the renewal of this Licence, it is the responsibility of the Licensee to apply to the NWB for its renewal. The past performance of the Licensee, new documentation and information, and issues raised during a public hearing, if the NWB is required to hold one, will be used to determine the terms and conditions of the Licence renewal. Note that if the Licence expires before the NWB issues a new one, then water use and waste disposal must cease, or the Licensee may be in contravention of the *Nunavut Land Claims Agreement* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*. However, the expiry or cancellation of a licence does not relieve the holder from any obligations imposed by the licence. The NWB recommends that an application for the renewal of this Licence be filed at least three (3) months prior to the Licence expiry date.

If the Licensee contemplates or requires an amendment to this licence, the NWB may decide, in the public interest, to hold a public hearing. The Licensee should submit applications for amendment as soon as possible to give the NWB sufficient time to go through the amendment process. The process and timing may vary depending on the scope of the amendment; however, a minimum of sixty (60) days is required from time of acceptance by the NWB. It is the responsibility of the Licensee to ensure that all application materials have been received and are acknowledged by the Manager of Licensing.

The NWB strongly recommends that the Licensee consult the comments received from interested persons on issues identified. This information is attached for your consideration.¹

Sincerely,

Lootie Toomasie
Nunavut Water Board
Vice Chair

LT/kk/ri

Enclosure: Licence No. **8BC-MEL1516**
 Comments – AANDC and EC

Cc: Kivalliq Distribution List

¹ Aboriginal Affairs and Northern Development Canada (AANDC), August 17, 2015; and Environment Canada (EC), August 14, 2015.

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DECISION

LICENCE NUMBER: 8BC-MEL1516

This is the decision of the Nunavut Water Board (NWB) with respect to an application for a new Water Licence dated June 16, 2015 made by:

AGNICO-EAGLE MINES LIMITED

to allow for the use of Water and deposit of Waste for the following scope of undertakings and/or activities to be carried out in support of the Meliadine Gold Site Preparation Project:

- Construction of fuel storage tanks farm in Rankin Inlet (Itivia Site);
- Preparation of the laydown area in Rankin Inlet (Itivia Site);
- Construction of a pad for the permanent camp;
- Installation of piling for the permanent camp and infrastructure;
- Start of work on concrete foundations;
- Construction of necessary service roads to undertake the other pre-development activities;
- Installation of a new portal and conveyor ramp, including ventilation infrastructure to the underground mine;
- Construction of the access roads; and
- Pre-delivery of material (i.e. equipment, material and fuel).

The Meliadine Gold Site Preparation Project is located within Kivalliq Region of Nunavut, with general geographic coordinates as follows:

Meliadine Gold Mine Site

NW:	Latitude: 63° 2' 53.091'' N	Longitude: 92° 16' 16.651'' W
NE:	Latitude: 63° 2' 50.722'' N	Longitude: 92° 9' 10.809'' W
SE:	Latitude: 63° 1' 1.463'' N	Longitude: 92° 9' 13.978'' W
NE:	Latitude: 63° 1' 3.829'' N	Longitude: 92° 16' 19.377'' W

All-weather Access Road

NW:	Latitude: 63° 1' 19.309'' N	Longitude: 92° 11' 26.684'' W
NE:	Latitude: 63° 1' 16.230'' N	Longitude: 92° 3' 10.432'' W
SE:	Latitude: 62° 47' 58.542'' N	Longitude: 92° 3' 36.080'' W
NE:	Latitude: 62° 48' 1.592'' N	Longitude: 92° 11' 48.601'' W

Rankin Inlet Area

NW:	Latitude: 62° 48' 9.519'' N	Longitude: 92° 6' 4.112'' W
NE:	Latitude: 62° 48' 9.283'' N	Longitude: 92° 5' 27.421'' W
SE:	Latitude: 62° 47' 52.933'' N	Longitude: 92° 5' 27.925'' W
NE:	Latitude: 62° 47' 53.169'' N	Longitude: 92° 6' 4.610'' W

Existing Exploration Camp Location(s)

Latitude: 63° 2' 24.180'' N	Longitude: 92° 13' 44.288'' W
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DECISION

After having been satisfied that the application was determined to be within the scope of project reviewed previously by Nunavut Planning Commission (NPC)¹ and Nunavut Impact Review Board (NIRB), and therefore it does not require a further review by NPC and is exempt from Screening by NIRB, the NWB decided that the application could proceed through the regulatory process. In accordance with s. 55.1 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act (NWNSRTA)* and Article 13 of the *NLCA*, public notice of the application was given and interested persons were invited to make representations to the NWB.

After reviewing the submission of the Applicant and considering the representations made by interested persons, the NWB, having given due regard to the facts and circumstances, the merits of the submissions made to it and to the purpose, scope and intent of the *NLCA* and of the *NWNSRTA*, waived the requirement to hold a public hearing, and determined that:

Licence No. 8BC-MEL1516 be issued subject to the terms and conditions contained therein. (Motion #: 2015-B1-030).

SIGNED this 24th day of September 2015 at Gjoa Haven, NU.

Lootie Toomasie
Nunavut Water Board, Vice Chair

LT/kk/ri

¹ NPC Correspondences of August 6, 2015 and September 16, 2015.

I. BACKGROUND

On June 16, 2015, the Nunavut Water Board (NWB or Board) received from Agnico Eagle Mines Limited (AEM or Applicant or Licensee) a Type “B” Water Licence Application (Application) for pre-development or site preparation work in support of the Meliadine Gold Site Preparation Project (Project). The Project is intended to precede the proposed Meliadine Gold Project, located approximately 25 kilometres north of Rankin Inlet, and 80 kilometres southwest of Chesterfield Inlet within the Kivalliq Region of Nunavut. The Meliadine Gold Site Preparation Project (Project) is classified under Schedule 1 of the Regulations as “Other”, and it involves the construction of infrastructure at the Rankin Inlet Itivia Site and Meliadine Site, in advance of mobilizing equipment and supplies that would be required for developing the wider Meliadine Gold Project that is currently undergoing relevant regulatory processes.

Prior to application received for this Project, the NWB had previously received from AEM an application for a Type “A” Water Licence, to use water and deposit waste in support of proposed mining activities at the Meliadine Gold Project. Should the Board decide to issue a Type “A” water licence for the Meliadine Gold Project, the scope of activities under this Type “B” Water Licence will be incorporated into the Type “A” Licence.

The Board notes that on February 26, 2015, the Nunavut Impact Review Board (NIRB) issued to AEM Project Certificate No. 006 (NIRB File No. 11MN034) for the development of the Meliadine Gold Project. Further, the Board aware that the activities and undertakings proposed under Meliadine Gold Site Preparation Project are consistent with that captured under Certificate issued for Meliadine Gold Project.

II. PROCEDURAL HISTORY

On June 16, 2015, the NWB received from AEM a water licence application (the Application) in support of pre-development or site preparation work proposed under the Meliadine Gold Site Preparation Project. The Application consisted of the following documents:

- Type B Water Licence Application with a Cover Letter, dated June 16, 2015;
- Meliadine Pre-Development Type B Water Licence Main Application and Supporting Document, including the followings:
 - Appendix A Audited Financial Statements;
 - Appendix B Certificate of Incorporation / Corporate Registration;
 - Appendix C Meliadine Project Licenses, Permits, Authorization, and Agreements;
 - Appendix D Drawings for Culverts and Roads;
 - Appendix E Environmental Management and Protection Plan Addendum; and
 - Appendix F Closure and Reclamation Strategy and Security Estimate for the Pre-development works.
- Concordance Assessment Mining and Milling Supplemental Information Guidelines (SIG) for Mineral Exploration / Remote Camp (MM1) Modified for Pre-development Works Meliadine Gold Project, dated May 2015.

The Cover Letter stated that Golder Associates Ltd. (Golder) will represent AEM for the purposes of this Application. On June 26, 2015, Golder provided clarification and additional information regarding questions raised by NWB.

After the NWB's initial technical review of submitted information, on July 15, 2015, a notice of the Application was posted and the application information was made available for a thirty (30) day public review/comment period. Submissions were received from Environment Canada (EC) on August 14, 2015 and from Aboriginal Affairs and Northern Development (AANDC) on August 17, 2015.

Following the receipt of interveners' submissions, AEM provided its responses and clarifications on September 16, 2015.

On August 6, 2015, the NPC issued a communication stating that *NPC reviewed the listed application and has determined that it does not change the scope of the project reviewed as part of NPC File "AEM MGP Witterman CD May 2011" to an extent that would warrant a further review by the NPC at this time.* Further to the correspondence from August 6, 2015, the NPC confirmed on September 16, 2015 that the work entailed was previously reviewed by both NPC and NIRB, and that there have been no significant modifications to the Project under the current application. Therefore the application does not require a further review by the NPC, and that the application is exempt from Screening by the Nunavut Impact Review Board.

Based on a thorough and detailed assessment, the Board has approved the Application and has decided to issue Water Licence No. 8BC-MEL1516.

I. GENERAL CONSIDERATIONS

The following section outlines the issues identified by the NWB and/or raised by interested parties and provides the background on the terms and conditions included within the body of the Licence:

Term of Licence

In accordance with the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* s. 45, the NWB may issue a licence for a term not exceeding twenty-five (25) years. In determining an appropriate term for a water licence, the Board considers a number of factors including, but not limited to, the results of AANDC site inspections and the corresponding compliance record of the Applicant, as well as intervenor comments provided during the Application review process.

AEM requested one (1) year term for the Licence to allow for construction of some basic infrastructure and to undertake site preparation or pre-development work for the Project. AEM requested also that the Board incorporate the scope of this Type "B" Application/Licence into the Type "A" Water Licence should a Type "A" Water Licence be eventually issued for the Project in the near future.

In review of the comments received on the application, the NWB has noted that no concerns were expressed with respect to the licence term requested by the Applicant. The NWB has taken into consideration the comments received and the nature and scope of activities proposed

in determining that the requested term is suitable for the undertaking. Accordingly, the Board has granted the Licence for a term slightly greater than one (1) year, expiring December 31, 2016. Should the Board issue a Type “A” water licence for the Meliadine Gold Project in the future, the entire scope of this Type “B” Water Licence will be incorporated into the Type “A” Licence.

Annual Reporting

The NWB has included under Part B Item 4 in the Licensee, the requirement for the Licensee to generate and submit Annual Reports. These Reports are for the purpose of ensuring that the NWB has an accurate annual update of the Licensee’s activities related to water use and waste disposal during the preceding calendar year. This information is provided on the NWB’s Public Registry as well as made available upon request from interested parties. A “*Standardized Form for Annual Reporting*”, supplemented by relevant project specific information, can be used by the Licensee when generating its annual reports. The form can be accessed using the following link to the NWB’s File Transfer Protocol (FTP) site and Public Registry:

<ftp://ftp.nwb-oen.ca/1%20PRUC%20PUBLIC%20REGISTRY/>

Security

In accordance with s. 76(1) of the NWNSRTA, the Board may require a licensee to furnish and maintain security with the Minister, in a form determined by the Regulations or satisfactory to the Minister¹. Further, in a matter related to the posting of security, the Board may not issue a licence unless the Board is satisfied that the financial responsibility of the applicant, taking into account the applicant’s past performance, is adequate for the mitigation measures and any costs associated with the closing or abandonment of the undertaking².

AEM acknowledged that the NWB *may require the company to furnish and maintain security with the Minister, in a form determined by the Regulations or satisfactory to the Minister* and provided an estimate of financial liability for the abandonment and restoration of the site as *it pertains to the facilities and infrastructure related to pre-development and site preparations of the Project in advance of receipt of a Type A Water Licence* in the document entitled “Closure and Reclamation Strategy and Security Estimate for the Pre-development works” included within the Main Application Supporting Document as an Appendix F, dated May 2015. However, AEM proposed that the NWB *defer full consideration of security of project liability to the Type A Water Licence* submitted to the NWB on May 5, 2015.

AANDC recommended that the Applicant clarify how all the reclamation activities and all Project components, including dismantling of the fuel storage facility proposed at Itivia Site are adequately covered in the security cost estimate, and revising it if necessary. The Applicant

¹ Subsection 76(1) of the NWNSRTA states: 76(1) The Board may require an applicant, a licensee or a prospective assignee to furnish and maintain security with the Minister in the form, of the nature, subject to such terms and conditions in an amount prescribed by, or determined in accordance with, the regulations or that is satisfactory to the Minister.

² See subsection 57(b) of the NWNSRTA.

stated that as the detailed engineering drawings for the fuel storage facility have not been carried out (they will be if the facility is required), the reclamation cost for this facility has been included in the overall financial security contingency at this time (20%). The financial security may be amended if the fuel storage facility is finally needed. In any event the security estimate for the fuel storage facility will be included in the Type A application.

AANDC also indicated that the cost estimate does not include any care and maintenance between the abandonment of the site and its reclamation, and 3 years of care and maintenance were recommended to be added to the reclamation cost estimate. AEM confirmed that these activities have been included in the overall financial security contingency (20%).

AANDC recommended that security be held for the Type “B” licence that should subsequently be incorporated within the financial liability of Type “A” licence if one is issued in the near future.

The Board has reviewed the activities considered under the application in the context of the financial liability estimate provided by the Applicant as well as gave due consideration to AANDC comments provided with this respect. While the Board believes that the liability estimate provided might not necessarily be adequate if considered by itself under a project specific abandonment and reclamation program, the Board accepts the amount proposed as being within reason for the activities indicated and in the context of other factors. The Board indicates, however, that the Licensee is required to provide an updated security estimate with the for-construction design drawings prior to construction of Fuel Storage Facility at Itivia Site to include the installation/dismantlement of proposed facility.

The Board has included condition under Part B, Item 1 in the Licence requiring the Licensee to furnish and maintain financial security in the amount of one million and fifty three thousand dollars (\$1,053,000), in the form that is satisfactory to the Minister within thirty (30) days from the date of issuance of this Licence. The Board agrees fully with Applicant and AANDC that the security held for this Licence may need to be revisited and the ultimate amount of security for this Project will subsequently be incorporated within the financial liability of Type “A” licence if one is issued in the near future.

Water Use

AEM requested no direct water use under this Licence. Water for domestic purposes will be used from the water allotment of Water Licence No. 2BB-MEL1424 granted for AEM Meliadine West Gold Project advanced exploration activities. Water that may be required for dust suppression shall be used from the water amount authorized under Water Licence No. 2BW-MEL1525 issued for AEM Phase 1 – Meliadine All-Weather Access Road (AWAR) Project.

AANDC in its submission stated that 50 rooms will be added to the existing camp in order to accommodate 250 construction personnel, and the available water per person per day will decrease by 25%. As the 2014 Annual Report indicates use of 39 m³ of water per day for domestic purposes in June 2014 AANDC questioned how there will be sufficient water for the

camp if its size is increased by 25%. AEM indicated that an amendment to the authorized quantity of domestic water under Licence No. 2BB-MEL1424 will be requested, if deemed necessary. The NWB acknowledges that AEM submitted an application to amend the Water Licence 2BB-MEL1424 terms and conditions including the ones related to the water use.

In constructing a portion of the infrastructure pad, two water management structures (Culvert #2 and diversion Channel #2) will reportedly have to be constructed as well in order to manage contact water. In its comment, AANDC stated that there are contradicting statements in the Section 5.1 of Water Management Plan submitted with Type “A” water licence application regarding the Channel #2 as according to one statement Channel #2 *serves for non-contact water and in the second, it is for contact water.* The Applicant was requested

to explain the necessity of constructing the two water diversion structures before the Water Management Plan can be evaluated as a whole; clarify the intended purpose of Culvert #2, and provide plans of the proposed pad and drainage structures for review.

AEM indicated that *at the pre-development stage, Culvert 2 primary function is as a drainage component of the service road. As mine development progresses following issuance of the Type A water Licence, Culvert 2 primary function is support of water management.* It was also stated that *the Channel # 2 is to collect only contact water, and that AEM is committed to provide detailed design plans to the Board for review prior to construction.*

The Board has granted the Applicant’s request to use water for domestic purposes from the water allotted to Water Licence No. 2BB-MEL1424 and for the potential dust suppression purposes from the water allotted to Water Licence No. 2BW-MEL1525.

The Applicant is advised that all water uses shall be properly documented and reported under the above stated Licenses as well.

Waste Disposal

The Applicant stated that generated waste quantity related to pre-development works is expected to be minimal. It was stated that *AEM does not propose any disposal of domestic waste, in addition to domestic waste already authorized under existing water licence 2BB-MEL1424, during the pre-development stage, and therefore this activity is not included under this Application.*

Waste Water

Contact Water

Main Application document states that if the fuel tank farm area is constructed as part of site preparation, inspections will be completed to ensure that no water overflows into the environment and *prior to discharge, accumulated water in the secondary containment area will be tested.*

AANDC recommended that

if the licence includes the possibility of constructing the tank farm containment area planned in Itivia, it include a discharge location, a monitoring program station and discharge criteria for the water discharged from the containment area.

The Board concurs with AANDC recommendation and has included a Monitoring Program Station and discharge criteria under Part D, Item 6, should the Applicant construct a Fuel Storage Facility in Rankin Inlet's Itivia Site and discharge accumulated water from the secondary containment area.

The Board has also included testing of runoff and/or discharge from drainage management systems (water collection channel), seeps from borrow pits and quarries, and has included criteria under Part E, Item 9 of the Licence.

Sewage

The Application stated that personnel required for the pre-development / construction work will be accommodated by the exploration camp authorized under Water Licence 2BB-MEL1424. AEM stated that under Part G, Item 1 of Water Licence No. 2BB-MEL1424 the NWB will be provided with a notification related to the Applicant's intention to carry out a modification to the existing sewage waste disposal facilities at this camp. The NWB acknowledges that this modification has been included within the Licence No. 2BB-MEL1424 amendment application submitted to the Board in August 2015.

Solid Waste

No solid waste disposal is proposed under this Application. Any wastes generated will be backhauled to an approved waste disposal facility. Solid waste generated as a result of works in Rankin Inlet will be disposed of in Rankin Inlet's landfill. In the vicinity of the proposed mine site, solid waste and hydrocarbon contaminated waste (if any) shall be disposed of as authorized by Water Licence No. 2BB-MEL1424.

The Applicant confirmed that the landfill that AEM was authorized to construct/operate as per Amendment 4 to the Water Licence No. 2BB-MEL1424, is not established yet. As the Applicant does not reportedly intend to construct two landfills, one for mine operations and one for exploration activities, and as the suggested landfill location does not likely fit with long term operations at Meliadine site the Licensee proposes to relocate the landfill authorized under Licence No. 2BB-MEL1424 and construct a single landfill in the location proposed within the Type "A" water licence application.

AANDC stated that the term temporary is not defined, and recommended that the Applicant be requested

to clarify the timing of landfill construction and the leachate, and runoff collection system for the waste storage area should be specified.

It was also recommended to test the leachate and runoff to demonstrate that it is of the anticipated low ionic strength and that the monitoring station MEL-8 be relocated appropriately.

AEM stated that it will comply with all landfill monitoring requirements as stipulated in the licence 2BB-MEL1424. Upon issuance of the Type A water licence the landfill terms and conditions of the Type B will be integrated into the Type A licence.

The Board advises the Licensee that waste disposal and operation of a landfill shall not be authorized under this Licence. Should the Licensee decide to change the authorized landfill location and designs or operation details, these shall be completed or authorized under the Water Licence No. 2BB-MEL1424 or future potential Type “A” water licence. The Board also advises that the monitoring and reporting for the landfill shall comply with the terms and conditions already established under Licence No. 2BB-MEL1424 for the purpose of this predevelopment application.

Construction and Operation

The Application Main Document includes sections that discuss roads management and borrow pits and quarries management during site preparation works. Also, the NWB has received among other application documents the following management plans, as part of the application submitted for this Licence that are also part of Type “A” Water Licence application, currently before the Board:

- “Meliadine Gold Project Roads Management Plan” (RMP or Plan) dated April 2015; and
- “Meliadine Gold Project Borrow Pits and Quarries Management Plan” (BPQMP or Plan) dated April 2015.

The RMP includes access, service, and haul-roads for the proposed Meliadine Gold Mine project area, and covers construction, operations, closure and post-closure phases of the proposed mine project. The Plan presents mitigation measures and protocols to be implemented during construction and operations to protect wild-life, to prevent permafrost degradation, to control surface run-off and sedimentation, and to mitigate dust.

The BPQMP describes selection, operations, and closure strategies for the borrow pits and quarries at the proposed Meliadine Gold Mine project. As stated in the Plan the borrow pit and quarry materials will be used for the construction and maintenance of the bypass road in Rankin Inlet, the Itivia laydown area, and the infrastructure pad at the proposed mine site along with the maintenance of the AWAR between Rankin Inlet and the Meliadine Site.

The Board has approved the above stated management plans under the respective terms and conditions with the issuance of this Licence. It should be noted that these plans’ scope exceeds that of the proposed pre-development activities. However, recognizing that a Type “A” Water Licence application for the Meliadine Gold Project is currently under review and consideration by the Board, it was reasonable to approve these plans in their current form and in the context of the **scope of activities for this Licence only**. The Licensee is advised that the approval of these plans does not constitute approval of the entire scope of activities and facilities under the plans where not applicable to this Licence or should not be interpreted as the Board pre-

empting any decision on any other application before the Board for which those same plans may also apply.

In its comments, AANDC stated that *the applicant should be required to ensure that reclaimed quarries have positive drainage*. The Applicant is advised that positive drainage is important at reclaimed quarries to avoid the formation of pit lakes that could potentially result to degradation of permafrost and formation of thermo-karsts.

Under Part E, Item 5 the Licensee shall ensure that all fill material used during construction is free of contaminants and potentially non-acid generating and no metal leaching.

Conditions have also been included under Part J in the Licence requiring the Licensee to monitor runoff or surface water from quarry sites to ensure that such water does not negatively impact the receiving environment.

The Licensee shall be required to submit to the Board design plans and for-construction drawings for any engineering facilities stamped by an Engineer, at least sixty (60) days prior to construction.

The Licensee shall also be required to submit to the Board a Construction Summary Report, within ninety (90) days of completion of the construction of any engineered facilities, to include as-built plans and drawings stamped by an Engineer, and to provide explanation on any deviations from design and construction drawings taking into account construction and field decisions and how they may affect the performance of the engineered facilities.

The Applicant is reminded that all of the applicable Fisheries and Oceans Canada (DFO) regulations including Operational Statements (i.e., culvert installation/maintenance) for protecting fish and fish habitat shall be followed in constructing and operating the proposed infrastructure.

Spill Contingency Plan

As part of the Application, the Licensee submitted the following documents:

- “Meliadine Gold Project Environmental Management and Protection Plan” (EMPP Plan or Plan), dated April 2015, and
- “Meliadine Gold Project Spill Contingency Plan Meliadine Camp Site, Meliadine Exploration Sites, All-Weather Road, Discovery Camp Site, Meliadine Type B Pre-development Activities” version February 2014.

It should be noted that the EMPP Plan is also part of Type “A” water licence application that is currently under review. The Board also acknowledges that the Spill Contingency Plan (SCP or Plan) stated above has been approved by the Board with the issuance of Licence No. 2BB-MEL1424 renewal Water Licence. The Board finds the Plan acceptable and applicable to the Meliadine Gold Project pre-development / construction activities. However, it was noticed and indicated by AANDC that some contact information and response equipment inventory need to be updated. The Licensee is required to update the Plan accordingly and to submit within the

2015 Annual Report. The requirement for this submission is detailed under Part H, Item 2.

As with revisions to all Plans, the Board recommends that a table be included with the Plan that documents the date, purpose and page(s) of the revisions.

Design Drawings

The Licensee is required, under Part E of the Licence, to submit, for-construction design drawings to the Board for review prior to constructing any of the facilities allowed for under the scope of this Licence. Upon completion of construction of the facilities under the Licence, the Licensee is required to provide to the Board for review as-built drawings along with a Construction Summary Report.

Closure and Reclamation Plan

AEM's Main Application Supporting Document included as Appendix F "Closure and Reclamation Strategy and Security Estimate Type B Water Licence" dated May 2015, that provides for the closure and reclamation approach proposed by Applicant and an estimate of financial liability for the site as it pertains to the facilities and infrastructure associated with the Meliadine Gold Site Preparation Project.

The Applicant requested that *should a Type A Water Licence be issued for the Project in the future, that the Board incorporate the scope of this Type B Application/Licence into the Type A Water Licence*. At the same time it was estimated that *if the Type A licence is not issued, it would require 1 to 2 summer seasons to complete the work noted in this Plan*.

The NWB concurs that should a Type A Water Licence be issued for the Meliadine Gold Project in the future, the scope of this Licence will be incorporated into the Type "A" Licence.

The Board finds the proposed Closure Reclamation and Strategy as generally acceptable, and has approved under Part I, Item 1.

Monitoring

To minimize the possibility of any potential undesirable effects to the receiving environment, the Board has included appropriate conditions under Part J to ensure that the Licensee monitors the effect of project activities on the receiving environment.



NUNAVUT WATER BOARD WATER LICENCE

Licence No. 8BC-MEL1516

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

AGNICO-EAGLE MINES LIMITED.

(Licensee)

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

(Mailing Address)

hereinafter called the Licensee, the right to alter, divert or otherwise use water or dispose of waste for a period subject to restrictions and conditions contained within this Licence renewal:

Licence Number/Type: 8BC-MEL1516 / TYPE "B"

Water Management Area: WILSON WATERSHED – 13

Location: MELIADINE GOLD SITE PREPARATION PROJECT
KIVALLIQ REGION, NUNAVUT

Classification: OTHER UNDERTAKING

Purpose: USE OF WATER AND DEPOSIT OF WASTE

Quantity of Water use not
to Exceed:

Effective Date of Licence
Issuance: SEPTEMBER 5, 2015

Expiry of Licence: ~~DECEMBER 31, 2015~~ DECEMBER 31, 2016

This Licence renewal issued and recorded at Gjoa Haven, Nunavut, includes and is subject to the annexed conditions.

Lootie Toomasie,
Nunavut Water Board
Vice Chair

PART A: SCOPE, DEFINITIONS AND ENFORCEMENT

1. Scope

This Licence allows for the water use and deposit of waste in support of an Undertaking classified as Other, as per Schedule 1 of the *Regulations*, with respect to the Meliadine Gold Site Preparation Project, located approximately 25 kilometres (km) north of Rankin Inlet and 80 km southwest of Chesterfield Inlet, and at Rankin Inlet's Itivia Site within the Kivalliq Region, Nunavut. Activities and Undertakings included under this Licence are as follows:

- Construction of fuel storage tanks farm in Rankin Inlet (Itivia Site);
 - Preparation of the laydown area in Rankin Inlet (Itivia Site);
 - Construction of a pad for the permanent camp;
 - Installation of piling for the permanent camp and infrastructure;
 - Start of work on concrete foundations;
 - Construction of necessary service roads to undertake the other pre-development activities;
 - Installation of a new portal and conveyor ramp, including ventilation infrastructure to the underground mine;
 - Construction of the access roads; and
 - Pre-delivery of material (i.e. equipment, material and fuel).
- a. This Licence is issued subject to the conditions contained herein with respect to the taking of water and the depositing of waste of any type in any waters or in any place under any conditions where such waste or any other waste that results from the deposits of such waste may enter any waters. Whenever new Regulations are made or existing *Regulations* are amended by the Governor in Council under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, or other statutes imposing more stringent conditions relating to the quantity or type of waste that may be so deposited or under which any such waste may be so deposited, this Licence shall be deemed, upon promulgation of such Regulations, to be subject to such requirements; and
- b. Compliance with the terms and conditions of this Licence does not absolve the Licensee from responsibility for compliance with the requirements of all applicable Federal, Territorial and Municipal legislation.

2. Definitions

“Act” means the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*;

“Addendum” means the supplemental text that is added to a full plan or report usually included at the end of the document and is not intended to require a full resubmission of the revised report.

“Amendment” means a change to original terms and conditions of this Licence

requiring correction, addition or deletion of specific terms and conditions of the Licence; modifications inconsistent with the terms of the set terms and conditions of the Licence;

“Appurtenant Undertaking” means an undertaking in relation to which a use of water or a deposit of waste is permitted by a licence issued by the Board;

“Board” means the Nunavut Water Board established under the *Nunavut Land Claims Agreement* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*;

“Borrow Pits” means sites for which materials, such as gravel or sand, are excavated for the purposes of constructing site infrastructure and facilities for the project.

“Effluent” means treated or untreated liquid waste material that is discharged into the environment from a structure such as a settling pond, landfarm or a treatment plant;

“Engineer” means a professional engineer registered to practice in Nunavut in accordance with the *Consolidation of Engineers and Geoscientists Act S. Nu 2008, c.2* and the *Engineering and Geoscience Professions Act S.N.W.T. 2006, c.16 Amended by S.N.W.T. 2009, c.12*;

“High Water Mark” means the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land (ref. Department of Fisheries and Oceans Canada, Operational Statement: Mineral Exploration Activities);

“Inspector” means an Inspector designated by the Minister under Section 85 (1) of the *Act*;

“Itivia Site Fuel Storage Facility” means the fuel storage facility as described in the Application and supporting documents submitted on June 16, 2015.

“Licensee” means the holder of this Licence;

“Modification” means an alteration to a physical work that introduces a new structure or eliminates an existing structure and does not alter the purpose or function of the work, but does not include an expansion;

“Nunavut Land Claims Agreement” (NLCA) means the *“Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada”*, including its preamble and schedules, and any amendments to that agreement made pursuant to it;

“Quarry or Quarries” means the area of surface excavation for extracting rock material for use as construction materials in the development of infrastructure and facilities for the project;

“Regulations” means the *Nunavut Waters Regulations* SOR/2013-69 18th April, 2013;

“Spill Contingency Plan” means a Plan developed to deal with unforeseen petroleum and hazardous materials events that may occur during the operations conducted under the Licence;

“Sump” means a structure or depression that collects, controls, and filters liquid waste before it is released to the environment. This structure should be designed to prevent erosion while allowing percolation of liquid waste;

“Waste” means, as defined in S.4 of the *Act*, any substance that, by itself or in combination with other substances found in water, would have the effect of altering the quality of any water to which the substance is added to an extent that is detrimental to its use by people or by any animal, fish or plant, or any water that would have that effect because of the quantity or concentration of the substances contained in it or because it has been treated or changed, by heat or other means.

“Water” or “Waters” means waters as defined in section 4 of the *Act*.

3. Enforcement

- a. Failure to comply with this Licence will be a violation of the *Act*, subjecting the Licensee to the enforcement measures and the penalties provided for in the *Act*;
- b. All inspection and enforcement services regarding this Licence will be provided by Inspectors appointed under the *Act*; and
- c. For the purpose of enforcing this Licence and with respect to the use of water and deposit or discharge of waste by the Licensee, Inspectors appointed under the *Act*, hold all powers, privileges and protections that are conferred upon them by the *Act* or by other applicable law.

PART B: GENERAL CONDITIONS

1. The Licensee shall, within thirty (30) days of issuance of this Licence, furnish and maintain security with the Minister in the form that is satisfactory to the Minister in the amount of one million and fifty three thousand dollars (\$1,053,000).
2. Notwithstanding Part B, Item 1, the Licensee shall provide such further or other amounts as may be required by the Board based on annual estimates of current restoration liability. An updated security estimate shall accompany the Itivia Site’s Fuel Storage Facility for-construction plans and design drawings.

3. The Licensee shall maintain the security deposit until such time as the Minister is satisfied that the Licensee has complied with all provisions of the approved Abandonment and Restoration Plan. This clause shall survive the expiry of the Licence.
4. The Licensee shall file an Annual Report on the appurtenant undertaking with the Board no later than the 31st of March of the year following the calendar year being reported, containing the following information:
 - a. The daily Water flow volumes of any watercourse temporarily diverted during construction activities;
 - b. A summary report of water use and waste disposal activities;
 - c. A summary report of construction activities including photographic records before, during and after construction;
 - d. A list of unauthorized discharges and a summary of follow-up actions taken;
 - e. A list of seeps originating from borrow pit and quarry, water quality monitoring results, and measures taken to prevent the flow of seep water into nearby water bodies;
 - f. A summary of all data and information generated under the Monitoring Program;
 - g. Any updates or revisions to plans as required by changes in operation and/or technology;
 - a. A description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations;
 - h. A public consultation/participation report describing consultation with local organizations and the residents of the nearby communities;
 - i. An executive summary in English and Inuktitut of all plans, reports, or studies conducted under this Licence; and
 - j. Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.
5. The Licensee shall notify the NWB of any changes in operating plans or conditions associated with this project at least thirty (30) days prior to any such change.
6. The Licensee shall, for all Plans submitted under this Licence, include a proposed timetable for implementation. Plans submitted, cannot be undertaken without subsequent written Board approval and direction. The Board may alter or modify a Plan if necessary to achieve the legislative objectives and will notify the Licensee in writing of acceptance, rejection or alteration of the Plan.
7. The Licensee shall, for all Plans submitted under this Licence, implement the Plan as approved by the Board in writing.
8. The Licensee shall review the Plans referred to in this Licence as required by changes in operation and/or technology and modify the Plans accordingly. Revisions to the Plans are to incorporate design changes and adaptive engineering required and implemented

during Construction and on the basis of actual site conditions and monitoring results over the life of the project. Revisions to the Plans are to be submitted in the form of an Addendum to be included with the Annual Report required by Part B, Item 4, complete with a revisions list detailing where significant content changes are made.

9. Every Plan to be carried out pursuant to the terms and conditions of this Licence shall become a part of this Licence, and any additional terms and conditions imposed upon approval of a Plan by the Board become part of this Licence. All terms and conditions of the Licence should be contemplated in the development of a Plan where appropriate.
10. The Licensee shall ensure a copy of this Licence is maintained at the site of operations at all times. Any communication with respect to this Licence shall be made in writing to the attention of:
 - (a) **Manager of Licensing:**
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Telephone: (867) 360-6338
Fax: (867) 360-6369
Email: licensing@nwb-oen.ca
 - (b) **Inspector Contact:**
Manager of Field Operations, AANDC
Nunavut District, Nunavut Region
P.O. Box 100
Iqaluit, NU X0A 0H0
Telephone: (867) 975-4295
Fax: (867) 979-6445
11. The Licensee shall submit one paper copy and one electronic copy of all reports, studies, and plans to the Board. Reports or studies submitted to the Board by the Licensee shall include a detailed executive summary in Inuktitut.
12. The Licensee shall ensure that any document(s) or correspondence submitted by the Licensee to the Board is received and acknowledged by the Manager of Licensing.
13. This Licence is assignable as provided for in Section 44 of the *Act*.

PART C: CONDITIONS APPLYING TO WATER USE AND PROTECTION

1. Streams cannot be used as a water source unless authorized and approved by the Board in writing.
2. The Licensee shall not remove any material from below the ordinary High Water Mark

of any water body unless authorized by the Board in writing.

3. The Licensee shall undertake appropriate corrective measures to prevent and/or mitigate impacts to surface water resulting from the Licensee's operations.
4. The Licensee shall not cause erosion to the banks of any body of water and shall provide necessary controls to prevent such erosion.
5. The Licensee shall implement sediment and erosion control measures prior to and maintain such measures during the undertaking to prevent entry of sediment into water.

PART D: CONDITIONS APPLYING TO WASTE DISPOSAL

1. The Licensee shall not practice on-site land filling of domestic waste, unless otherwise approved by the Board in writing.
2. The Licensee shall not open burn plastics, wood treated with preservatives, electric wire, Styrofoam, asbestos or painted wood to prevent the deposition of waste materials of incomplete combustion and/or leachate from contaminated ash residual, from impacting any surrounding waters, unless otherwise approved by the Board in writing.
3. The Licensee shall provide to the Board, documented authorization from all communities in Nunavut receiving wastes from the Meliadine Gold Site Preparation Project, prior to any backhauling and disposal of wastes to those communities.
4. The Licensee shall backhaul and dispose of all hazardous wastes, waste oil and non-combustible waste generated through the course of the operation in an approved waste disposal site.
5. The Licensee shall maintain records of all waste backhauled and records of confirmation of proper disposal of backhauled waste. These records shall be made available to an Inspector upon request.
6. All Effluent discharged from Fuel Storage Facility at Monitoring Program Station MEL-1 shall not exceed the following Effluent quality limits:

Parameter	Maximum Concentration of any Grab Sample (µg/L)
Benzene	370
Ethylbenzene	2
Toluene	90

Lead	1
Oil and Grease	15,000 and no visible seen

7. The Licensee shall provide at least ten (10) days' notification to an Inspector, prior to initiating the release of effluent from any facilities listed in this Part. The notice shall include water quality results, an estimate of volume and the proposed receiving location.
8. If effluent does not meet the discharge quality limits under Part D, Item 6, it shall be considered hazardous waste and disposed off-site to an approved, licensed facility or as otherwise approved by the Board in writing.
9. The discharge location for all treated effluents described in Part D Item 6 shall be located at a minimum of thirty-one (31) metres from the ordinary High Water Mark of any water body and where direct or indirect flow into a water body is not possible and no additional impacts are created.
10. The Licensee shall notify the Inspector and the Board of any contaminated soils, water or waste that is generated under this Licence and stored at any facility constructed under this Licence for future disposal. This information shall be reported within the annual report required by Part B, Item 4.

PART E: CONDITIONS APPLYING TO CONSTRUCTION AND OPERATIONS

1. The Licensee shall implement the Plan entitled "Meliadine Gold Project Roads Management Plan" dated April 2015 that has been approved by the Board with the issuance of this Licence.
2. The Licensee shall implement the Plan entitled "Meliadine Gold Project Borrow Pits and Quarries Management Plan" dated April 2015, that has been approved by the Board with the issuance of this Licence.
3. The Licensee shall, at least sixty (60) days prior to construction, submit to the Board for review for-construction plans and design drawings that are stamped by an Engineer, for engineered infrastructure allowed under the scope of this Licence at the Meliadine Site and Rankin Inlet, including the Itivia Site's Fuel Storage Facility
4. The Licensee shall submit to the Board for review, within ninety (90) days of completion of any structure designed to contain, divert, and retain waters and/or wastes, a Construction Summary Report prepared by an Engineer that includes as-built plans and drawings, documentation of field decisions that deviated from original plans and any data used to support these decisions.
5. The Licensee shall only use aggregate for construction of infrastructure or facilities

under this Licence that is demonstrated to be potentially non-acid generating, non-metal leaching and free of contaminants by carrying out appropriate analyses and retaining the results and reports for reference for submission on request by the NWB or an Inspector, or have the results submitted with the annual report.

6. With respect to access roads, laydown area, pad construction or other earthworks, the deposition of debris or sediment into or onto any water body is prohibited. These materials shall be disposed of a distance of at least thirty-one (31) metres from the ordinary High Water Mark in such a fashion that they do not enter the water.
7. The Licensee shall maintain a minimum of thirty-one (31) metres undisturbed buffer zone between the periphery of quarry sites and the ordinary High Water Mark of any water body unless otherwise approved by the Board in writing.
8. The Licensee shall not excavate and/or remove material from the quarry beyond a depth of one (1) metre above the ordinary High Water Mark or above the groundwater table, to prevent the potential contamination of groundwater. The quarrying shall be in accordance with all applicable legislation and industry standards including the *Northern Land Use Guidelines, Pits and Quarries* (INAC, 2009).
9. All surface runoff and/or discharge from drainage management systems, at the Monitoring Program Stations referred to in Part J, Item 1, during the construction/operation of any facilities and infrastructure associated with this project, including laydown areas, where flow may directly or indirectly enter a Water body, shall not exceed the following Effluent quality limits:

Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration of Any Grab Sample (mg/L)
Total Suspended Solids	50.0	100.0
Oil and Grease	No Visible Sheen	No Visible Sheen
pH	Between 6.0 and 9.5	Between 6.0 and 9.5

10. The Licensee shall, during periods of flow and following a major precipitation event, conduct water quality testing on a monthly basis, of any significant water seeps in contact with the roads, earthworks and any flows originating from borrow pits or quarries for criteria listed under Part E, Item 9.
11. The Licensee shall supervise and field check through an appropriately qualified Engineer all construction of engineered structures in such a manner that the project specification can be enforced and, where required, the quality control measures are followed. The Licensee shall maintain and make available at the request of the Board

and/or an Inspector, all construction records of all engineered structures.

12. All activities shall be conducted in such a way as to minimize impacts on surface drainage and the Licensee shall immediately undertake any corrective measures in the event of any impacts on surface drainage.
13. The Licensee shall locate stream crossings to minimize approach grades. Approaches shall be stabilized during construction and upon completion of the project, to control runoff, erosion and subsequent siltation to any water body.
14. The Licensee shall limit any in-stream activity to low water periods. In-stream activity is prohibited during fish migration.
15. The Licensee shall not cut any stream bank or remove any material from below the ordinary High Water Mark of any water body.
16. Machinery is not permitted to travel up the stream bed and fording of any water body is to be kept to a minimum. Machinery and equipment used should be well cleaned and free of oil and grease and other pollutants and maintained free of fluid leaks.
17. Equipment storage holding areas should be located on gravel, sand or other durable land, a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any water body in order to minimize impacts on surface drainage and water quality.
18. The Licensee shall designate an area for the deposition of excavated and stockpiled materials that is at least thirty-one (31) metres above the ordinary High Water Mark of any water body.
19. The Licensee shall not utilize any equipment or vehicles in the course of this undertaking unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging. Overland travel of equipment or vehicles shall cease if rutting occurs.

PART F: CONDITIONS APPLYING TO DRILLING OPERATIONS

1. The Licensee is not authorized to drill under the provisions of this Licence.

PART G: CONDITIONS APPLYING TO MODIFICATIONS

2. The Licensee may, without written consent from the Board, carry out Modifications to the Water Supply Facilities and/or Waste Disposal Facilities provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:

- a. the Licensee has notified the Board in writing of such proposed Modifications at least sixty (60) days prior to beginning the Modifications;
 - b. such Modifications do not place the Licensee in contravention of the Licence or the *Act*;
 - c. the Board has not, during the sixty (60) days following notification of the proposed Modifications, informed the Licensee that review of the proposal will require more than sixty (60) days; and
 - d. the Board has not rejected the proposed Modifications.
3. Modifications for which all of the conditions referred to in Part F, Item 1 have not been met can be carried out only with written approval from the Board.
4. The Licensee shall provide to the Board as-built plans and drawings of the Modifications referred to in this Licence within ninety (90) days of completion of the Modification. These plans and drawings shall be stamped by an Engineer.

PART H: CONDITIONS APPLYING TO SPILL CONTINGENCY PLANNING

1. The Licensee shall implement the Plan entitled “Meliadine Gold Project Spill Contingency Plan Meliadine Camp Site, Meliadine Exploration Sites, All-Weather Road, Discovery Camp Site, Meliadine Type B Pre-development Activities” Version February 2014, that has been previously approved by the Board under the Licence No. 2BB-MEL1424.
2. The Licensee shall submit within the 2015 Annual Report, an Addendum to the Plan referred to in Part H, Item 1, in the format set out by the Consolidation of Spill Contingency Planning and Reporting Regulations R-068-93 addressing the issues identified by AANDC in the application review process.
3. The Licensee shall ensure that measures are implemented to prevent or minimize any chemicals, petroleum products or wastes associated with the project from entering Water. All sumps and fuel caches shall be located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent water body and inspected on a regular basis.
4. The Licensee shall conduct all equipment maintenance and servicing in designated areas and shall implement special procedures (such as the use of drip pans) to manage motor fluids and other waste and contain potential spills.
5. If during the term of this Licence, an unauthorized discharge of waste occurs, or if such a discharge is foreseeable, the Licensee shall:
 - a. Employ the Spill Contingency Plan;
 - b. Report the spill immediately to the 24-Hour Spill Line at (867) 920-8130 and to the Inspector at (867) 975-4295; and

- c. For each spill occurrence, submit to the Inspector, no later than thirty (30) days after initially reporting the event, a detailed report that will include the amount and type of spilled product, the GPS location of the spill, and the measures taken to contain and clean up the spill site.

PART I: CONDITIONS APPLYING TO RECLAMATION AND CLOSURE

1. The Licensee shall implement the document entitled “Closure and Reclamation Strategy and Security Estimate” dated May 2015, that has been approved by the Board within the issuance of this Licence.
2. The Licensee shall complete all restoration work prior to the expiry of this Licence.
3. The Licensee shall carry out progressive reclamation of any components of the project no longer required for the Licensee’s operations.
4. The Licensee shall remove from the site, all infrastructure and site materials, including all fuel caches, drums, barrels, buildings and contents, docks, water pumps and lines, material and equipment prior to the expiry of this Licence.
5. In order to promote growth of vegetation and the needed microclimate for seed deposition, all disturbed surfaces shall be prepared by ripping, grading, or scarifying the surface to conform to the natural topography.
6. Areas that have been contaminated by hydrocarbons from normal fuel transfer procedures shall be reclaimed to meet objectives as outlined in the Government of Nunavut’s *Environmental Guideline for Contaminated Site Remediation* (Revised March 2009). The use of reclaimed soils for the purpose of back fill or general site grading may be carried out only upon consultation and approval by the Government of Nunavut, Department of Environment and an Inspector.
7. The Licensee shall contour and stabilize all disturbed areas to a pre-disturbed state upon completion of work.

PART J: CONDITIONS APPLYING TO THE MONITORING PROGRAM

1. The Licensee shall, at a minimum, maintain Monitoring Stations, at the following locations:

Monitoring Program Station	Description	Status
MEL-1	Point of discharge for the Itivia Site Fuel Storage Facility once	(Quality and Quantity)

	constructed	
MEL-2-TBD	Surface Runoff or Discharge downstream of construction area at Meliadine Mine Site	(Quality)
MEL-3-TBD	Surface Runoff downstream of construction area at Itivia Site	(Quality)

2. The License shall install additional Monitoring Stations, as may be required, to effectively and adequately monitor surface runoff from the project site(s) or discharge from water management systems associated with the project. Within thirty (30) days of establishment of additional Monitoring Stations, the Licensee shall inform the Board and the Inspector.
3. Additional monitoring requirements may be requested by the Inspector.
4. The Licensee shall monitor all activities for signs of erosion.
5. The Licensee shall monitor runoff and/or discharge from the borrow pits and quarry sites, during blasting activities, during periods of flow and following significant precipitation events, on a monthly basis, for the following parameters:

Group	Parameters
Physical Parameters	pH (field and laboratory), temperature (field), alkalinity, bicarbonate, carbonate, electrical conductivity, hardness, hydroxide, ion balance, total dissolved solids, total suspended sediments.
Nutrients	Ammonia-nitrogen, nitrate nitrogen, nitrite-nitrogen, ortho-phosphate.
Major Ions	Calcium, chloride, magnesium, potassium, sodium, sulphate.
Total Metals	Aluminum, antimony, arsenic, barium, beryllium, boron, cadmium, chromium, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, tin, titanium, uranium, vanadium and zinc.

6. All sampling, sample preservation and analyses shall be conducted in accordance with methods prescribed in the current edition of *Standard Methods for the Examination of Water and Wastewater*, or by such other methods approved by the Board in writing.
7. All analyses shall be performed in a laboratory accredited according to ISO/IEC

Standard 17025. The accreditation shall be current and in good standing.

8. The Licensee shall include in the Annual Report required under Part B, Item 4 all data, monitoring results and information required by this Part.