



# Nunavut Impact Review Board

## 2020-2021 Monitoring Report

### Meliadine Gold Mine Project

Agnico Eagle Mines Limited

NIRB File No. 11MN034



November  
2021

**Cover Page:**           **Nunavut Impact Review Board  
2020-2021 Monitoring Report  
Meliadine Gold Mine Project  
Agnico Eagle Mines Limited  
NIRB File No. 11MN034**

**Report Title:**       The Nunavut Impact Review Board's 2020-2021 Annual Monitoring Report for Agnico Eagle Mines Limited's Meliadine Gold Mine Project (NIRB File No. 11MN034)

**Project:**             Meliadine Gold Project

**Project Location:**   Kivalliq Region, Nunavut

**Land Tenure:**        Inuit Owned Land

**Project Owner:**     Agnico Eagle Mines Limited  
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**Report Written by:** Emily Koide

**Monitoring Period:** October 1, 2020 – September 30, 2021

**Date Issued:**        November 9, 2021

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1) Hazardous Waste Material Sorting and Storage  
2) Hunters and Trappers Organization Cabin Donation  
3) Underground Water Stope

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## 1.0 INTRODUCTION

The Nunavut Impact Review Board (NIRB or Board) was established through Articles 10 and 12 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)*. On February 26, 2015 pursuant to Section 12.5.12 of the *Nunavut Agreement*, the NIRB issued Project Certificate No. 006 (the Project Certificate) for the Meliadine Gold Mine Project (the Project), allowing the Project to proceed in accordance with the Terms and Conditions issued therein. As per Section 12.7.2, the NIRB is responsible for project monitoring in order to:

- a) *Measure the relevant effects of projects on the ecosystemic and socio-economic environments of the Nunavut Settlement Area;*
- b) *Determine whether, and to what extent, the land or resource use in question is being carried out within the predetermined terms and conditions;*
- c) *Provide the information base necessary for agencies to enforce terms and conditions of land or resource use approvals; and*
- d) *Assess the accuracy of predictions contained in the project impact statements.*

This report provides findings that resulted from the Board's monitoring program for the Project from October 2020 to September 2021.

### 1.1. PROJECT HISTORY AND CURRENT STATUS

<u>Date</u>	<u>Milestone</u>
February 20, 2012	The NIRB issues its decision that Phase 1 of the all-weather access road could proceed prior to the completion of the Review of the Meliadine Gold Mine Project subject to specific Terms and Conditions
October 10, 2014	The NIRB issued the Final Hearing Report for the Meliadine Gold Mine Project recommending that the Meliadine Gold Mine Project could proceed
January 27, 2015	Then Minister of Aboriginal Affairs and Northern Development <sup>1</sup> accepted the Board's recommendation
February 26, 2015	The NIRB issued Meliadine Gold Mine Project Certificate No. 006
April 15, 2016	The Nunavut Water Board issued the Type "A" Water Licence (2AM-MEL1631) to Agnico Eagle Mines Limited (Agnico Eagle) for a 15-year term

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<sup>1</sup> Now Minister of Crown-Indigenous Relations and Northern Affairs Canada

<b><u>Date</u></b>	<b><u>Milestone</u></b>
April 13, 2017	The NIRB determined that the quarry at Itivia Harbour (16QN071) could proceed subject to recommended Terms and Conditions
August 2017	Agnico Eagle received the remaining approvals and permits for development and operation of the Project
October 31, 2018	The NIRB released the Public Hearing Report for the “Saline Effluent Discharge to the Marine Environment” (discharge of saline groundwater into Itivia Harbour via trucking along the all-weather access road)
January 28, 2019	The Ministers accepted the Board’s report and its recommendations
February 26, 2019	The NIRB issued first amendment to the Meliadine Gold Mine Project Certificate No. 006
May 14, 2019	Agnico Eagle began the commercial production phase of Meliadine
March 25, 2020	The Nunavut Planning Commission referred Agnico Eagle’s “Saline Effluent Discharge to Marine Environment” Project Proposal (Waterlines Proposal; installation of waterlines to discharge a larger of volume of saline effluent into Itivia Harbour) to the NIRB for reconsideration
June 9, 2020	The NIRB determined that the proposed 2020 interim measures for additional trucking and increased saline effluent discharge into Melvin Bay did not require changes to the existing Terms and Conditions of the Project Certificate but requested additional monitoring information
July 30, 2021	The NIRB released the Reconsideration Report and Recommendations for the “Saline Effluent Discharge to Marine Environment” Project Proposal and is awaiting the Minister’s determination

## **1.2. PROJECT COMPONENTS**

The Meliadine Gold Mine Project involves the construction and operation of a gold mine located in the Kivalliq Region, approximately 25 kilometres (km) north of Rankin Inlet on Inuit-owned lands. There are five (5) separate deposits that Agnico Eagle plans to develop in a phased approach. Phase 1 is focused on the Tiriganiaq deposit, which includes two (2) open-pits and one (1) underground mine. Phase 2 includes development of an approximately 20 km spur road to allow access for development of the Discovery deposit in 2024, haul roads to access the Wesmeg, F-zone, and Pump deposits, and twinning of the all-weather access road (AWAR).

The mine site is comprised of a camp, associated mining infrastructure, and the Tiriganiaq open pit and underground mine which moved into operations in 2019. Additional Project infrastructure is located at Itivia Harbour in the Hamlet of Rankin Inlet and consists of a barge unloading facility, a laydown storage and marshalling area, a 37.5 million litre (ML) fuel tank farm and a saline water discharge tank. The Itivia Harbour area is connected with the mine site via the private Bypass Road which allows mine-related traffic from Itivia Harbour to bypass the community before connecting to the AWAR. The approximately 24-kilometre (km) long AWAR connecting the Bypass Road to



the mine site is restricted to all-terrain-vehicle (ATV) access only by the public but will be opened to all public traffic for Phase 2 of the Project which includes expansion of the AWAR to two lanes with appropriate turn offs.

In 2019 after the amendment process, the NIRB approved the addition of discharging a portion of the salty groundwater (saline effluent) from the Tiriganiaq underground mine into Melvin Bay. In the open water season of 2019, Agnico Eagle began discharging saline effluent into Melvin Bay. Trucks transport saline effluent from the mine site to the saline water discharge tank, located at Itivia Harbour, where the saline effluent is then pumped at a rate of 800 cubic metres per day ( $\text{m}^3/\text{day}$ ) through a waterline to an engineered diffuser located in Melvin Bay. The saline effluent transport and discharge into Melvin Bay only happens during the open water season and Agnico Eagle stores groundwater on-site for the additional months. All documentation for the current project activities can be found at [www.nirb.ca/project/124106](http://www.nirb.ca/project/124106).

Due to higher than predicted saline effluent volumes flowing into the underground mine, in 2020 Agnico Eagle requested an interim measure to increase the volume of traffic transporting saline effluent and to double the volume of effluent being discharged to Melvin Bay to  $1,600 \text{ m}^3/\text{day}$  during the open water season. Agnico Eagle provided updated monitoring plans to mitigate and monitor for any adverse impacts. On January 20, 2021, the Nunavut Planning Commission (the Commission) reviewed Agnico Eagle's proposal to extend the "2020 Saline Discharge Strategy" for an additional year and on April 13, 2021, Agnico Eagle provided the NIRB with an update on the Commission's conformity determination that the proposed activities were exempt from screening by the NIRB. Subsequently on April 21, 2021, the NIRB requested Agnico Eagle provide a submission directly to the NIRB's Public Registry to allow the NIRB to confirm the monitoring requirements applicable to continuation of the activities under the 2020 Saline Discharge Strategy. To date the NIRB has yet to receive the requested material.

As a long-term measure to manage increased volumes of saline effluent, in 2020 Agnico Eagle applied to amend its Project Certificate to change the conveyance of the saline effluent from the mine site to Itivia Harbour from trucking to waterlines constructed alongside the AWAR, as well as increase the volume of saline effluent discharged to  $6,000$  to  $12,000 \text{ m}^3/\text{day}$ . The Waterlines Proposal included an alternative to also discharge treated surface contact water to an additional  $8,000 \text{ m}^3/\text{day}$ . The NIRB held the Public Hearing and Community Roundtable for the Waterlines Proposal on June 14-17, 2021 and released the Reconsideration Report and Recommendations to the Responsible Minister on July 30, 2021 and awaits the Minister's determination. All documents related to the "Saline Effluent Discharge to Marine Environment" Proposal can be found at [www.nirb.ca/project/125515](http://www.nirb.ca/project/125515).

In addition to modifications to water management activities within Project Certificate 006, on March 24, 2020 Agnico Eagle submitted an application to the Nunavut Water Board (NWB) with an emergency request to amend the Type "A" Water Licence No. 2AM-MEL1631 (the Licence)

to authorize the time-limited release of effluent to Meliadine Lake that exceeds the total dissolved solids (TDS) concentration limits prescribed under the Licence, to protect the integrity of the infrastructure prior to the May 2020 freshet. On May 12, 2020, the Minister of Northern Affairs declared, pursuant to s.152(1)(c) of the *NuPPAA*, that an emergency situation existed and Agnico Eagle’s “Emergency Amendment No. 1 to the Type “A” Water Licence No. 2AM-MEL1631 for the Meliadine Gold Mine Project” should be carried out without delay in the interest of protecting property, human health, and the environment.

After the acceptance of the Emergency Amendment No. 1 in August 2020, the Proponent submitted an application to the NWB, to amend the Type “A” Water Licence 2AM-MEL1631, primarily to accommodate proposed changes to water use authorizations and management at the Meliadine Gold Mine Project. The proposed changes included increased TDS limits for contact water discharge to the receiving environment, as well as adaptive management strategies for management of site contact water. The amendment of discharge activities is proposed as a long-term strategy to effectively manage site water and negate any potential future emergency scenarios. On May 13, 2021 the NWB issued the amended water licence Type “A” Water Licence 2AM-MEL1631.

All documents associated with the Emergency Amendment can be accessed on the NIRB’s public registry at [www.nirb.ca/project/125582](http://www.nirb.ca/project/125582).

## 2.0 MONITORING ACTIVITIES

### 2.1. GENERAL REPORTING REQUIREMENTS

Agnico Eagle submitted the Meliadine Gold Mine Project 2020 Annual Report (*2020 Annual Report*) to the NIRB on April 7, 2021.

Throughout 2020 to 2021 Agnico Eagle provided the following new or revised management plans and monitoring programs as required by the terms and conditions contained within the amended Project Certificate 006 or as specifically requested by the NIRB or regulatory authorities:

**Table 1: Current Management and Monitoring Plans on File**

Plan	Version	Date
Mine Waste Management Plan	7	March 2021
Ore Storage Management Plan	3	March 2021
Explosives Management Plan	7	March 2021
Blast Monitoring Program	3	March 2021
Ammonia Management Plan	3	March 2021
Sediment and Erosion Management Plan	3	March 2021



Terrestrial Environment Management and Monitoring Plan (TEMMP)	3	June 2020
Ocean Discharge Monitoring Plan	3	June 2020
Air Quality Monitoring Plan	3	June 2020
Dust Management Plan	6	June 2020
Oil Pollution Emergency Plan	3.1	April 2020
Groundwater Management Plan	5	April 2020
Freshet Management Plan	6	March 2020
Sediment and Erosion Management Plan	2	March 2020
Water Quality and Flow Monitoring Plan	2	March 2020
Water Management Plan	9	March 2020
Noise Abatement and Monitoring Plan	3	March 2020
Roads Management Plan	8	December 2019
Interim Closure and Reclamation Plan	1	December 2019

The Proponent's *2020 Annual Report* included results of monitoring activities for the year with associated Inuktitut summaries, including:

- Water Balance and Water Quality Modeling
- Geotechnical Inspection
- Geochemical Report
- Tailings Supernatant Sampling
- Stack Testing
- Water Monitoring Stations
- Aquatic Effects Management Program
- Water Quality Management and Optimization
- Air Quality Monitoring
- All Weather Access Road Usage
- Terrestrial Environment Management and Monitoring
- Caribou Trail Camera Study
- Caribou Behaviour Study
- Dust and Vegetation Study
- Wildlife Observations
- Blast Monitoring
- Marine Mammal and Seabird Report
- Tundra Restoration and Natural Recovery Monitoring
- Socio-Economic Monitoring Program
- Kivalliq Labour Market Analysis

On April 8, 2021, the NIRB invited interested parties to comment on Agnico Eagle's *2020 Annual Report* in accordance with Project Certificate No. 006, Amendment 001 which was later extended to June 24, 2021 after extension requests were received from Crown-Indigenous Relations and Northern Affairs Canada and the Kivalliq Inuit Association. The NIRB received comments from the following parties:

**Table 2: Commenting Parties and NIRB Public Registry ID No.**

<b>Commenting Party</b>	<b>Public Registry ID No.</b>
Kivalliq Inuit Association (KIA)	335850 & 335851
Government of Nunavut (GN)	335823
Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)	335822
Environment and Climate Change Canada (ECCC)	335837
Fisheries and Oceans Canada (DFO)	335840
Transport Canada (TC)	335467

## **2.2. COMPLIANCE MONITORING**

### ***2.2.1. Proponent's Responses to the Board's 2019-2020 Recommendations***

On December 3, 2020, the NIRB issued several Board and monitoring recommendations to Agnico Eagle resulting from the NIRB's 2019-2020 monitoring efforts<sup>2</sup>. On January 8, 2021, Agnico Eagle provided responses to address each of the 2019-2020 Recommendations<sup>3</sup>, summarized in Table 3 and Table 4.

**Table 3: 2020 Board Recommendations and Agnico Eagle Response**

<b><u>BOARD RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
Provide a comprehensive update to the Terrestrial Environment Management and Monitoring Plan (TEMMP) to incorporate any observed changes in terrestrial baseline data since 2011, and additional information learned on natural variation of Valued Ecosystemic Components, to inform the effectiveness of the monitoring program, the adequacy of mitigation measures and adaptive management. The updated version of the TEMMP shall also improve upon data collection methods and reporting requirements which will be reported annually through the TEMMP Report.	<p>The revision of the study design should be considered after data is collected over the 2019-2021 period, to allow for compiling of for three (3) years' worth of data under operations.</p> <p>As more data is collected to end of 2021 and a range of natural variability and other trends can be observed and analyzed, the results can be presented and thresholds may be determined or refined, as appropriate.</p> <p>Agnico Eagle proposes to submit a revised TEMMP as part of the 2021 Annual Report.</p>

<sup>2</sup> Public Registry ID No.: 332017, 332018

<sup>3</sup> Public Registry ID No.: 332394

**Table 4: 2020 Monitoring Officer Recommendations and Agnico Eagle Responses**

<b><u>MONITORING RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
Provide an update regarding the installation and functioning of the Partisol suspended particulate sampling units.	The Partisol suspended particulates units were successfully installed in October 2020. <b>Note:</b> Agnico Eagle provided contingency measures to ensure Partisol units are maintained in the future.
Begin consultations with the GN before three (3) years of data collection to discuss possible adaptive management strategies and initial data analysis and findings on the Hunter Harvest Survey.	Agnico Eagle will begin consultations with the GN before three (3) years of data collection to discuss possible adaptive management strategies and initial data analysis on the Hunter Harvest Survey and will include an update on the Hunter Harvest Survey process within the <i>2020 Annual Report</i> . <b>Note:</b> The GN noted that Agnico Eagle has arranged initial discussions with the GN but more multi-party collaboration is required to ensure the Hunter Harvest Survey is successful.
Provide an update on the review from the Environmental Working Group and what actions will be taken at the mine site to deter wildlife. Actions should be updated in the Waste Management Plan and provided to the NIRB in the <i>2020 Annual Report</i> . The NIRB recommends that the Wildlife and Safety Audit occur as soon as Public Health restrictions allow.	Agnico Eagle will provide NIRB with an update on the Environmental Working Group review and include the appropriate information in the <i>2020 Annual Report</i> and Waste Management Plan. Agnico Eagle is evaluating tentative potential dates for the Wildlife and Safety Audit for Spring/Summer 2021.
Supplement dust collection data with traffic from sample days (mine related and public), weather, and time since the last dust suppressant activities in the 2020 and subsequent annual reports.	<ul style="list-style-type: none"> <li>Agnico Eagle is implementing best management practices in dust control including approved dust suppressants.</li> <li>Agnico Eagle will provide a commentary on dustfall results in relation to the timing of dust suppressant application, as recommended by the NIRB.</li> </ul> <b>Note:</b> Agnico Eagle provided dustfall results in relation to dust suppressant application in the <i>2020 Annual Report</i> .

<u>MONITORING RECOMMENDATION</u>	<u>AGNICO EAGLE'S RESPONSE</u>
<p>Updated water balance be provided to the NIRB. The NIRB requested that appropriate monitoring and management plans be updated to include improved mitigation measures and adaptive management strategies and these updated reports be submitted to the NIRB as they are completed.</p>	<ul style="list-style-type: none"> <li>▪ The <i>2020 Annual Report</i> will include an updated water balance, and this will be provided every two (2) years.</li> <li>▪ A <i>draft</i> Adaptive Management Plan focused on water management for the Meliadine Site will be submitted to the NIRB by January 29, 2021.</li> </ul> <p><b>Note:</b> An Adaptive Management Plan has been submitted under the “Saline Effluent Discharge to Marine Environment” Project Proposal; however, to the NIRB’s understanding, it is not active at the time of submission of this report.</p>
<p>The NIRB will work with Agnico Eagle and parties in the 2020-2021 monitoring year to develop the Post Environmental Assessment Monitoring Program to provide guidance and allow coordination for all participants in the monitoring of the Meliadine Gold Mine Project.</p>	<p>Agnico Eagle looks forward to working with NIRB and parties to develop the Post Environmental Assessment Monitoring Program.</p>
<p>The NIRB emphasizes that annual report data should be analyzed, and a more detailed summary and discussion of what the results mean should be included within the main text of the annual report.</p>	<p>Agnico Eagle will account for this comment in the <i>2020 Annual Report</i>.</p> <p><b>Note:</b> More detailed summaries were provided in the 2020 Annual Report and the NIRB looks forward to continued improvements on sections that need more detail.</p>
<ul style="list-style-type: none"> <li>▪ Provide year-over-year comparisons for measured mine components, preferably in tabular or graphical format, such as reportable and non-reportable spills and greenhouse gas emissions.</li> <li>▪ For management decisions made onsite provide reasoning for why decisions were made.</li> </ul>	<p>Agnico Eagle will account for these comments in the <i>2020 Annual Report</i>.</p> <p><b>Note:</b> Year-over-year comparisons are still needed for non-reportable spills and greenhouse gas emissions.</p>

<u>MONITORING RECOMMENDATION</u>	<u>AGNICO EAGLE'S RESPONSE</u>
<ul style="list-style-type: none"> <li>▪ Develop a table in the annual report for Management Plan updates that contains a completed list of all the Management Plans for the Meliadine Project as well as the version and revision date.</li> <li>▪ Include parties' previous comments and an update on how they were addressed within the annual report with what section or management plan implemented the updates.</li> </ul>	<p>Agnico Eagle will account for these comments in the 2020 Annual Report.</p> <p><b>Note:</b> Neither a table of all active management plans or how parties comments were addressed in the <i>2020 Annual Report</i> was provided.</p>
<p>Submit:</p> <ul style="list-style-type: none"> <li>▪ The Socio-Economic Monitoring Working Group updated Terms of Reference;</li> <li>▪ Greenhouse Gas Emissions Report or a summary thereof; and</li> <li>▪ Waste Rock Storage Monitoring Plan.</li> </ul>	<p>Documents or previously submitted document locations provided.</p>

### ***2.2.2. Compliance Achievements***

Compliance monitoring involves an assessment undertaken by regulators and other agencies to establish whether a project is being carried out within the legislation, regulations, instruments, commitments, and agreements as such are applicable to certain project activities, and further, is a requirement of the NIRB's Post-Environmental Assessment Monitoring Program (PEAMP) for each Project Certificate. At present, the NIRB has not yet issued a PEAMP for the Meliadine Gold Mine Project Certificate and expects to do so once sufficient permits are issued for the Project to understand the responsible authorities' operational requirements. A PEAMP is designed to work as an instrument of the Proponent's overall monitoring efforts of the project and should provide the NIRB with information respecting the activities relating to a project, its impacts, and the implementation of any mitigative measures through use of the monitoring plans and programs as described in the review or reconsideration processes.

With the commencement of operations in May 2019 Agnico Eagle is now well into the implementation of many of its management and monitoring plans. All terms and conditions are now applicable to the Project and consultations and collaborations should be completed in order to refine and finalize the management and monitoring plans. However, with the NIRB considering an amendment to the Project Certificate, the NIRB is unable to issue the PEAMP at this time.

[Appendix A](#): Compliance with the Meliadine Gold Mine Project Certificate No. 006, Amendment 1. Agnico Eagle's compliance achievements with the Project Certificate from 2020 to 2021. During this reporting period, the Proponent was successful in having met most of the requirements of the NIRB Project Certificate No. 006. However, there are several Terms and Conditions that the Proponent has yet to fully achieve, specifically Terms and Conditions: 1, 12, 17, 36, 37, 43, 44, 46, 48, 56, 57, 66, 68, 71, 73, 86, 91, 103, 104, 105, and 125. The NIRB has provided direction in both the [Appendix A](#) as well as in Sections [2.4](#) and [6.0](#).

### ***2.2.3. Compliance Monitoring by Regulatory Authorities.***

On April 8, 2021, the NIRB requested that regulatory authorities with expertise or jurisdiction at the Meliadine Gold Mine Project provide a summary of any compliance monitoring and/or site inspections undertaken in association with the Project, including specifically:

- a. Compliance Monitoring
  - i. Provide a summary of any compliance monitoring and/or site inspections undertaken in association with the Project, including specifically:
    - a. Identify the terms and conditions from the Project Certificate which have been incorporated into any permits, certificates, licences or other government approvals issued for the Project, where applicable;



- b. A summary of any inspections conducted during the 2020 reporting period, and the results of these inspections; and
- c. A summary of the Proponent's compliance status with regard to authorizations that have been issued for the Project.

The following is a summary of comments received by parties:

#### **2.2.3.1. Kivalliq Inuit Association**

The KIA did not provide any information regarding any site inspections conducted at the Meliadine Gold Mine Project site or report any concerns regarding compliance monitoring.

#### **2.2.3.2. Crown-Indigenous Relations and Northern Affairs Canada**

CIRNAC noted in its submission that it issued a surface lease for the marine discharge pipe for the Meliadine Gold Mine Project. In 2020, CIRNAC inspectors conducted three (3) non-contact site inspections, with accompanying Agnico Eagle personnel in a separate vehicle. Terms and Conditions which require close contact with Agnico Eagle staff on site were not verified for compliance due to COVID-19 restrictions.

During the flyover inspection conducted on August 17, 2020, CIRNAC noted a concern related to a drillers' fuel tank sighted in Meliadine Lake. No concerns were noted in the following two (2) inspections.

#### **2.2.3.3. Environment and Climate Change Canada**

ECCC did not provide any information regarding any site inspections conducted at the Meliadine Gold Mine Project site or report any concerns regarding compliance monitoring.

#### **2.2.3.4. Fisheries and Oceans Canada**

DFO did not complete compliance monitoring or site visits in 2020. Upon review of the 2020 Annual Report, DFO noted that the Terms and Conditions that pertain to its mandate were in compliance including compliance with blasting thresholds.

#### **2.2.3.5. Transport Canada**

TC did not complete any on-site physical inspections in 2020. TC reported that the Project is in compliance with marine safety and security, navigation protection, and Meliadine Mine flights. However, non-compliances were noted on the shipping documents used to ship hazardous wastes via marine transportation and TC noted that a Transportation of Dangerous Goods report would be issued to the third-party contractor for non-compliances.

## 2.3. EFFECTS MONITORING

Effects monitoring can be described as an assessment of the measurable change to a particular environmental or socio-economic component, as compared to the potential effects that were predicted to result from a proposed development. In the case of the Meliadine Gold Mine Project, impact predictions and mitigation measures were outlined and developed throughout the environmental review of the Project and were recorded and presented through the Proponent's Final Environmental Impact Statement (FEIS) and other related documents.

On April 8, 2021 the NIRB also requested that regulatory authorities with expertise or jurisdiction at the Meliadine Gold Mine Project provide comments and information with respect to effects monitoring for the 2020 reporting period. Specifically:

- a) Whether the conclusions reached by Agnico Eagle in its *2020 Annual Report* are valid;
- b) Whether there are any areas of significance requiring further supporting information.

Tables 5 through 9 contain a summary of comments received by parties and Agnico Eagle's responses<sup>4</sup>.

**Table 5: Kivalliq Inuit Association Recommendations and Agnico Eagle's Responses**

<u>KIA RECOMMENDATION</u>	<u>AGNICO EAGLE'S RESPONSE</u>
<i>Terrestrial Wildlife</i>	
<ul style="list-style-type: none"><li>Traffic levels continue to exceed levels predicted in the FEIS. Agnico Eagle should clarify whether and when predicted traffic volumes will be attained, and what implications this has for assessment of impacts of the Project on wildlife.</li></ul>	<ul style="list-style-type: none"><li>Traffic monitoring results were reported in a number of different ways making comparison to the 2014 FEIS and 2018 FEIS Addendum challenging.</li></ul>
<ul style="list-style-type: none"><li>The acronym for the Terrestrial Environment Management and Monitoring Plan and the Terrestrial Effects Monitoring and Mitigation Program Report are both TEMMP, leading to confusion.</li></ul>	<ul style="list-style-type: none"><li>Agnico Eagle will refer to the Terrestrial Environment Management and Monitoring Plan as "TEMMP". The annual report discussing the implementation of TEMMP requirements and monitoring results will be referred to as the "TEMMP Report".</li></ul>

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<sup>4</sup> NIRB Document ID: 336324

<b><u>KIA RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<ul style="list-style-type: none"> <li>Clarify the objectives of the wildlife track surveys and present the results in a manner to enable examination of objectives and of spatial and temporal trends over time.</li> </ul>	<ul style="list-style-type: none"> <li>The objective of Site Surveillance Monitoring is to systematically record the presence of wildlife within and around the Project footprint so that Environmental staff may be aware of emerging wildlife issues.</li> <li>Agnico Eagle will include a table showing annual and spatial results in future reports.</li> </ul>
<ul style="list-style-type: none"> <li>Agnico Eagle and the Government of Nunavut should develop a long-term data sharing agreement to enable Agnico Eagle to provide figures of collar movements at broad and fine scales.</li> </ul>	<ul style="list-style-type: none"> <li>Discussion to this effect with the GN are ongoing.</li> </ul>
<ul style="list-style-type: none"> <li>Agnico Eagle should clarify how 30-minute behaviour surveys will be able to quantify delays and deflections from the AWAR.</li> <li>Agnico Eagle should conduct a more comprehensive analysis of collared caribou-mine interactions at appropriate spatial and temporal scales and including relevant variables to ensure that the conclusions are rigorous. This evaluation of caribou movements through the mine site and AWAR should examine displacement/deflection of caribou and responses to operations during migration.</li> </ul>	<ul style="list-style-type: none"> <li>A collared-caribou analysis will be used to determine deflections.</li> <li>As part of the Waterlines Proposal Public Hearing, Agnico Eagle committed to complete a new analysis using collared caribou in collaboration with the KIA, Sayisi Dene First Nation (SDFN), and GN.</li> </ul>
<ul style="list-style-type: none"> <li>Agnico Eagle should clarify how trigger distances of 10 and 5 km are monitored on the lead-up and during migration. This clarification should include whether helicopter surveys are part of monitoring and how these surveys are conducted.</li> </ul>	<ul style="list-style-type: none"> <li>The monitoring that is used to inform distance-based triggers for caribou includes collared caribou maps, reports from helicopter pilots and ground surveys.</li> <li>The GN does not permit regular systematic surveys for caribou by helicopter.</li> </ul>

<b><u>KIA RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<ul style="list-style-type: none"> <li>Justify conclusions regarding caribou perception of the AWAR as non-threatening and caribou decisions on where to cross the road.</li> <li>Consider adding the side of the road the caribou group being scanned is onto behaviour analysis.</li> </ul>	<ul style="list-style-type: none"> <li>The paragraph described alternative possible explanations of observed patterns from caribou behaviour monitoring results.</li> <li>The side of the road has been added as an analysis objective.</li> </ul>
<i>Air Quality</i>	
<ul style="list-style-type: none"> <li>Agnico Eagle should clarify why dustfall values are consistently higher on the upwind side of the AWAR.</li> </ul>	<ul style="list-style-type: none"> <li>The apparent higher dustfall levels on the upwind side at 25 metres compared to the downwind side are likely an artifact of the relatively small sample size to date, and naturally high variability in dust results.</li> </ul>

**Table 6: Government of Nunavut Recommendations and Agnico Eagle's Responses**

<b><u>GN RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<i>Air Quality</i>	
<ul style="list-style-type: none"> <li>The Proponent should submit quarterly or semi-annual reports on the operation of the Partisol units starting in 2021.</li> <li>The Proponent should produce a contingency plan for the loss of monitoring capability.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle will provide a report on suspended particulate monitoring by August 27, 2021.</li> <li>Agnico Eagle invested in spare parts and training and will follow the recommended onsite maintenance schedule provided by the supplier.</li> </ul>
<i>Terrestrial Wildlife</i>	
<ul style="list-style-type: none"> <li>The TEMMP has a mortality threshold for no more than one (1) ungulate per year but during 2020 there were two (2) ungulate mortalities.</li> </ul>	<ul style="list-style-type: none"> <li>The threshold is for mine-related mortalities and the caribou mortalities were indicated to be not mine-related.</li> </ul>
<i>Birds and Bird Habitat</i>	
<ul style="list-style-type: none"> <li>Consult with the KIA and communities regarding mitigation measures pertaining to migratory birds and including the records of consultation in the annual report to comply with Term and Condition 71.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle remains committed to further engaging with relevant agencies, the KIA, and communities. Suggests these discussions be held by the Terrestrial Advisory Group (TAG).</li> </ul>

<b><u>GN RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<ul style="list-style-type: none"> <li>▪ Recommended conducting an assessment of habitat loss annually instead of every three (3) years to comply with Term and Condition 73.</li> </ul>	<ul style="list-style-type: none"> <li>▪ The primary source of habitat loss was construction of the Mine to allow for operations, which was completed in 2017. There is little value in repeated footprint assessment of no, or very small, changes on an annual basis. Alternatively, a schedule of every three (3) years is more appropriate for analysis and reporting to capture small direct changes to wildlife habitat.</li> </ul>
<ul style="list-style-type: none"> <li>▪ The most recent Spill Contingency Plan is from 2017. This plan should be updated when new mitigation measures are identified through risk analyses and reported on in the annual report.</li> </ul>	<ul style="list-style-type: none"> <li>▪ The latest version of the approved Spill Contingency Plan is Version 10 (December 2019) and is the effective plan used on site.</li> </ul>
<ul style="list-style-type: none"> <li>▪ The GN notes that results from the monitoring of caribou harvesting along the AWAR are not reported in the Proponent's Annual Report.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agnico Eagle remains committed to ensuring collaborative discussions with the GN through the TAG or other relevant channels.</li> </ul>

**Table 7: Crown-Indigenous Relations and Northern Affairs Canada Recommendations and Agnico Eagle's Responses**

<b><u>CIRNAC RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<i>Previous CIRNAC Recommendations</i>	
<ul style="list-style-type: none"> <li>▪ Track volumes of waste rock classified as potential and uncertain Acid Rock Drainage (ARD).</li> <li>▪ Provide information on waste rock used for construction.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agnico Eagle is implementing changes regarding tracking volumes of waste rock classified as potential and uncertain ARD potential and will report on these in the 2021 Annual Report.</li> </ul>
<ul style="list-style-type: none"> <li>▪ Present a year-over-year comparison of actual volumes of water reporting to water retaining structures.</li> </ul>	<ul style="list-style-type: none"> <li>▪ To be included in future reports.</li> </ul>
<ul style="list-style-type: none"> <li>▪ Provide year-over-year comparison of total reportable and non-reportable spills.</li> </ul>	<ul style="list-style-type: none"> <li>▪ To be included in future reports.</li> </ul>

<b><u>CIRNAC RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<ul style="list-style-type: none"> <li>Present water quality data summaries with interpretation for all licenced sampling stations that continue to be monitored.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle will provide water data summaries and interpretation and will continue to provide the monitoring station data in tabular format.</li> </ul>
<ul style="list-style-type: none"> <li>Identify dike DCP-5 on figures presenting Meliadine site plans and add a figure showing facilities at Itivia Harbour and the location of MDMER monitoring station MEL-26.</li> <li>Include a tracking table summarizing past and present regulators' comments on the Annual Report and where within the document the comments have been addressed to facilitate tracking the resolution status of comments.</li> <li>Reformat areas where information and figures are respectively repeated.</li> <li>Reformat tables in Geotechnical Reports to include a header for each area.</li> </ul>	<ul style="list-style-type: none"> <li>To be included in future reports.</li> </ul>
<ul style="list-style-type: none"> <li>Include a table that summarizes the total ore quantities and source.</li> </ul>	<ul style="list-style-type: none"> <li>To be included in future reports.</li> </ul>
<ul style="list-style-type: none"> <li>Provide the report discussing the laboratory's findings regarding the determination of Neutralization Potential Ratio.</li> </ul>	<ul style="list-style-type: none"> <li>The laboratory investigation confirmed that that results were biased low for carbonate.</li> </ul>
<ul style="list-style-type: none"> <li>Provide information on the sources of water contributing to the total dissolved solids levels in containment pond CP-1 classified in the <i>2020 Annual Report</i> as the "rest of site".</li> </ul>	<ul style="list-style-type: none"> <li>The following facilities: natural ground with vegetation, disturbed ground, a portion of the Waste Rock Facility, a portion of the Tailings Storage Facility, the Landfill area, the Ore Stockpile, treated effluent produced by the Sewage Treatment Plant, Landfarm Oil-Water treatment, and Reverse Osmosis Plant.</li> </ul>



<b><u>CIRNAC RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<ul style="list-style-type: none"> <li>Due to previous exceedances in total suspended solids (TSS) in saline effluent discharge, submit the TSS Action Plan and improved water management procedures for review by interested parties.</li> </ul>	<ul style="list-style-type: none"> <li>Provided mitigation measures that were put in place in 2020 and outline the TSS Mitigation and Monitoring Playbook that compiles mitigation measures, monitoring programs, and procedures defined for saline discharge including cleaning and maintaining of saline pond SP3 and saline effluent trucks, and that TSS samples will be analyzed both internally for immediate results in addition to accredited analysis.</li> </ul>
<ul style="list-style-type: none"> <li>CIRNAC recommends that Agnico Eagle include specific notes in Feedback/Outcome section on the inspection summary.</li> </ul>	<ul style="list-style-type: none"> <li>To be included in future reports.</li> </ul>
<b><i>Water Balance and Water Quality</i></b>	
<ul style="list-style-type: none"> <li>Add a section to the annual report describing mill operations at the Meliadine site.</li> <li>Provide information regarding 2020 milling operations and activities.</li> </ul>	<ul style="list-style-type: none"> <li>Mill operations do not fall under critical infrastructures. Licenced and regulatory mill related reporting requirements are addressed throughout the annual report and other sectoral reports submitted to regulators throughout the year.</li> </ul>
<ul style="list-style-type: none"> <li>Clarify why the use of the Tiriganiaq Pit 2 for saline water is not sustainable.</li> <li>Clarify how Tiriganiaq Pit 2 will be used in the short term for storage and how water will be discharged.</li> <li>Provide specific information on saline and contact water mixing and discharge in 2020.</li> </ul>	<ul style="list-style-type: none"> <li>Long term storage of water in Tiriganiaq Pit 2 poses a risk to permafrost and geotechnical integrity.</li> <li>The long-term strategy for Tiriganiaq Pit 2 is to store winter groundwater inflows.</li> </ul>
<ul style="list-style-type: none"> <li>Provide details related to when and how much water from the containment pond CP-1 was used in the mill in 2020.</li> <li>Clarify mill's use of CP-1 water under normal operating conditions.</li> <li>Provide information on potential use of CP-1 water by the mill for adaptive management drawdown of the CP-1 water level.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle will maximize to the greatest practical extent, the use of reclaim water from Contact Water Management Facilities for use in the mill.</li> </ul>

<u>CIRNAC RECOMMENDATION</u>	<u>AGNICO EAGLE'S RESPONSE</u>
<ul style="list-style-type: none"> <li>Include a discussion of cyanide management practices and use in future Annual Reports, with respect to cyanide source, transportation to site, on site handling and storage, and emergency procedures.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle refers CIRNAC to its Hazardous Materials Management Plan, as well as to the Spill Contingency Plan and the Risk Management and Emergency Response Plan.</li> <li>Meliadine is currently working towards International Cyanide Management Code certification.</li> </ul>
<ul style="list-style-type: none"> <li>Add a section to the Geotechnical Inspection Report that provides detailed information on the status of any permafrost degradation that may be occurring on site per Terms and Conditions 17 and 21.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle monitors and maps permafrost conditions through its thermal monitoring program, results of which are in the Annual Geotechnical Inspection Report.</li> <li>For consistency purposes and to facilitate yearly comparisons between the reports, Agnico Eagle does not believe CIRNAC's proposed change to the structure of the Annual Geotechnical Report is necessary.</li> </ul>
<ul style="list-style-type: none"> <li>Provide the list of corrective measures including investigation, monitoring and repairs that have been undertaken to address the performance issues as indicated above.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle refers CIRNAC to the response tables provided in Appendix 7 and 8 of the 2020 Geotechnical Inspection.</li> </ul>
<ul style="list-style-type: none"> <li>Provide additional information about the measures that have been put in place to temporarily to address the landfill capacity issue.</li> <li>Provide timeline and methodology for the construction of the new landfill.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle will provide a technical memo to this effect by September 30th, 2021.</li> </ul> <p><b>Note:</b> The NIRB received the Technical Memo on September 30, 2021.</p>
<ul style="list-style-type: none"> <li>Consider conducting a multidisciplinary inspection in order to cover structural, mechanical and environmental critical aspects omitted in the geotechnical inspection.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle wishes to clarify the geotechnical inspection report complies with applicable reporting requirements. The mentioned limitations are meant to inform the reader on the scope, purpose, and boundaries of the geotechnical inspection and should not be considered as omissions.</li> </ul>

<b><u>CIRNAC RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<ul style="list-style-type: none"> <li>Specify when the latest detailed staff schedule was submitted to the NIRB.</li> <li>Confirm when an updated submission will be provided to the NIRB based on its measurement of reporting results against predictions and/or a defined reporting frequency.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle submitted the detailed staff schedule to the NIRB in November 2015 and since then, there have been no significant deviation from original predictions.</li> </ul>
<ul style="list-style-type: none"> <li>Provide an easily referenced listing of formal certificates and licences that may be acquired through on-site training or training during project employment on an annual basis. This listing should indicate which of these certifications and licences would be transferable to a similar job site within Nunavut.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle provides a list of all training activities provided to employees each year by Nunavut sites in its Socio-Economic Monitoring Report and identifies certificates in the Training activity title/list.</li> </ul>
<ul style="list-style-type: none"> <li>Provide the employee origin information required under Term and Condition 101 in its response to comments on this <i>2020 Annual Report</i> and future Annual Report submissions.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle refers CIRNAC to the Socio-Economic Monitoring Report.</li> <li>Certifications acquired via Agnico Eagle's training departments in Nunavut are transferable to a similar job site within Agnico Eagle's Nunavut operations.</li> </ul>
<ul style="list-style-type: none"> <li>Provide an update on the outcomes of any consultation efforts undertaken with outfitting and guiding companies that operate in the Local Study Area and Regional Study Area regarding use of the area and report any updates to management plans based on consultation efforts.</li> </ul>	<ul style="list-style-type: none"> <li>To be included in future reports.</li> </ul>

**Table 8 Environment and Climate Change Canada Recommendations and Agnico Eagle's Responses**

<b><u>ECCC RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<i>Water Quality and Reporting</i>	
<ul style="list-style-type: none"> <li>Unclear whether total ammonia is being exceeded in containment pond CP-1.</li> </ul>	<ul style="list-style-type: none"> <li>Cryoconcentration during winter months leads to perceived exceedances in total ammonia, however during this period there is no discharge from the containment pond.</li> </ul>
<ul style="list-style-type: none"> <li>Action level and guidelines exceedances (including the total copper exceedance) should be clearly described in the annual report.</li> </ul>	<ul style="list-style-type: none"> <li>On one (1) day of sampling one (1) out of four (4) copper samples exceeded guidelines; however, was still in range of previously collected baseline data.</li> </ul>
<ul style="list-style-type: none"> <li>Several individual water samples exceeded action level triggers for total phosphorus, total copper and dissolved zinc, although the median of the samples did not. The Proponent should provide acknowledgement and preliminary discussion for all exceedances.</li> </ul>	<ul style="list-style-type: none"> <li>Agnico Eagle agrees with the recommendation to “acknowledge and discuss” these individual exceedances in the annual report.</li> </ul>
<ul style="list-style-type: none"> <li>Inclusion of clear comparisons between guidelines and action levels for freshwater quality data.</li> </ul>	<ul style="list-style-type: none"> <li>To be included in future reports.</li> </ul>
<i>Waste Management</i>	
<ul style="list-style-type: none"> <li>Reconsider non-potentially acid generating classification criteria for samples with Neutralization Potential Ratio less than two.</li> </ul>	<ul style="list-style-type: none"> <li>Clarifies that the 0.1% sulphur value has been shown to be a conservative sulphur value and notes that acid-base accounting and relatively low sulphur are only for comparison with project development studies and are not being used to drive management decisions.</li> </ul>
<ul style="list-style-type: none"> <li>Elaborate on the buffering of tailings for 100 years by the presence of carbonates, as most the tailings have been classified as uncertain in Potentially Acid Generating.</li> </ul>	<ul style="list-style-type: none"> <li>While they may be classified as uncertain, they still contain enough carbonate to neutralize the acidity produced until many decades after operations have ended.</li> </ul>

<b><u>ECCC RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<ul style="list-style-type: none"> <li>▪ Indicate how much arsenic is likely to leach out of the filtered tailings facility given the high values of arsenic content in the tailings.</li> <li>▪ Demonstrate that the amount of arsenic that leaches out will not cause adverse effect on the environment.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Work is on-going as part of Project development studies to understand this potential risk more comprehensively.</li> </ul>
<b><i>Bird and Bird Habitat Monitoring</i></b>	
<ul style="list-style-type: none"> <li>▪ Noted that shoreline and breeding bird surveys were later than previous years. Recommended standardizing and optimizing surveys to be able to detect effects from mine activity.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Due to COVID-19, changes in flights, shifts and separation from the community of Rankin Inlet, created constraints on the monitoring program. The 2021 monitoring was more similar to previous years.</li> </ul>
<ul style="list-style-type: none"> <li>▪ Migratory bird mortalities should be reported to ECCC and the Proponent should package and preserve the mortality until further instruction from ECCC.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agnico Eagle commits to report migratory bird mortalities as per TEMMP procedure and ECCC recommendation in the future.</li> </ul>
<ul style="list-style-type: none"> <li>▪ Noted inconsistencies in how observers recorded the data during the marine surveys in relation to the standardized protocols and some issues with species identification. Recommended the Proponent continue to provide and improve training for seabird observers.</li> </ul>	<ul style="list-style-type: none"> <li>▪ In 2021, prior to the start of the shipping season, a hybrid in-person and virtual training session was conducted with the shipping company considering suggestions by ECCC.</li> <li>▪ Agnico Eagle will also be collecting and reviewing the shipping company's observations at an increased frequency to allow for earlier identification of inconsistencies in data.</li> </ul>

### **Fisheries and Oceans Canada Recommendations**

DFO reviewed Agnico Eagles' 2020 Annual Report and commented that it and has no comments to provide to the Board at this time.

**Table 9: Transport Canada Recommendations and Agnico Eagle's Responses**

<b><u>TC RECOMMENDATION</u></b>	<b><u>AGNICO EAGLE'S RESPONSE</u></b>
<i>Shipping Management</i>	
<ul style="list-style-type: none"> <li>▪ Inclusion of the Oil Pollution Emergency Plan and Oil Pollution Prevention Plan within Annual Reports OPEP/OPPP in future annual reports.</li> </ul>	<ul style="list-style-type: none"> <li>▪ To be included in future reports.</li> </ul>
<ul style="list-style-type: none"> <li>▪ Reference to the Arctic Shipping Safety and Pollution Prevention Regulations in the Project's Shipping Management Plan.</li> </ul>	<ul style="list-style-type: none"> <li>▪ To be included in future reports.</li> </ul>
<ul style="list-style-type: none"> <li>▪ For the purposes of Transport Canada, Post Oil Transfer Reports do not need to be included in future annual reports.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agnico Eagle will follow-up to ensure a compliance response is provided and that appropriate corrective measures are implemented.</li> </ul>

## 2.4. NIRB'S REVIEW OF THE ANNUAL REPORT

The NIRB has reviewed Agnico Eagle's 2020 Meliadine Gold Mine Annual Report and provides the following comments.

In the *2020 Annual Report*, Agnico Eagle provided a summary of the activities at site as well as mitigation measures implemented for Project effects on valued ecosystemic components (VECs) and valued socio-economic components (VSECs), and monitoring results. The NIRB appreciates that the Proponent improved upon providing comparisons of residual Project effects with predictions in the original FEIS and FEIS Addendum for the Meliadine Gold Mine Project. However, there does continue to be components of the Annual Report that lack information. As seen in comments by parties as well as reviewed by the NIRB, the Proponent shall work to improve the quality of its Annual Report through the following:

- Provide year-over-year comparisons for measured mine components, preferably in tabular or graphical format, such as reportable and non-reportable spills, greenhouse gas emissions, and water reporting to water retaining structures;
- Develop a table in the Annual Report for management plan updates, that contains a completed list of all the management plans for the Meliadine Gold Mine Project as well as the version and revision date. Agnico Eagle should also work with the NIRB's monitoring officers to ensure that the most up to date copy is posted to the NIRB's Public Registry so it is available to the public without having to go into the Annual Report (also see [Section 6.0](#));
- Include parties' previous comments and an update on how they were addressed within the Annual Report, with what section or management plan implemented the updates;



- Include discussion of consideration of Inuit Qaujimajatuqangit and community concerns (also see [Section 6.0](#)); and
- Provide further discussion where monitoring results do not meet FEIS predictions (i.e., traffic levels),

### 3.0 COVID-19 UPDATE

On May 7, 2020, the NIRB corresponded with all proponents that had project certificates with the Board to note that the NIRB would be continuing to fulfill its on-going project assessment and monitoring responsibilities during the COVID-19 pandemic but noting that modifications to the Board's normal practices may be required to ensure compliance with public health measures imposed to prevent the spread of COVID-19. In the Board's correspondence, proponents were encouraged to contact the NIRB to identify whether their COVID-19 response measures would have implications for their respective operations and monitoring programs, particularly their ability to fulfill their environmental protection and monitoring requirements, including highlighting any effects on compliance reporting for the 2020-2021 reporting year.

Agnico Eagle submitted the following update on June 11, 2020 to the NIRB regarding changes at site:

- Detached Operation Protocol was put in place to allow:
  - Continuation of sampling of the AWAR but frequency may be reduced;
  - Regulator site visits;
  - Discharge of saline water during the open water season;
- Contractors have been delayed until as soon as COVID-19 restrictions lift:
  - For the BearWise audit and training;
  - Partisol unit installation;
- Noise monitors that are close to cabins are being assessed whether cabins are in-use to get to equipment;
- The University of Saskatchewan has postponed their revegetation study on site for one year;
- Have adjusted the Wildlife Monitor contract with the Kangiqliniq Hunters and Trappers Organization (KHTO) to address current COVID restrictions;
- Marine Mammal and Seabird Observer training will take place over webinar;
- The Socio-Economic Monitoring Working Group is operating by conference calls and emails:
  - Looking at conference calls, videoconference calls, webinars, Facebook communications and other alternatives to the annual in-person meeting and to update the Socio-Economic Monitoring Program (SEMP);
  - In contact with parties that collect statistics on potential indirect effects (substance abuse, gambling etc.) education and demographics in the community as this effects the Socio-Economic Monitoring Plan;

- Looking at alternatives to survey Nunavummiut employees if site restrictions continue;
- Consultation with the KHTO, Elders, and community members is occurring to understand how best to adjust engagement and consultation; and
- Looking for alternatives to reiterate rules of the AWAR to communities.

In addition to site changes that occurred in 2020, Agnico Eagle established the Good Deeds Brigade where Nunavummiut employees were able to receive their full salaries to support local projects within the Kivalliq communities. Ninety-one (91) Agnico Eagle employees participated in over 20 projects, some examples of which include:

- Arviat – young hunters program and sewing programs;
- Baker Lake – thrift store and prenatal project;
- Baker Lake – safety cabins moved on the land;
- Chesterfield Inlet – landfill;
- Coral Harbour – daycare;
- Rankin Inlet – foodbank; and
- Rankin Inlet – built a safety cabin.

In the 2020-2021 monitoring season, the Board did not receive a specific submission updating the Board on continued adjustments to monitoring activities for the Meliadine Gold Mine Project due to COVID-19 for 2021. However, Agnico Eagle did provide several updates to specific monitoring programs that were affected by COVID-19; these updates were provided on a case-by-case basis in the *2020 Annual Report*. Following approval from Nunavut's Chief Public Health Officer, Nunavummiut were able to progressively return to the Meliadine Gold Mine site for work in the summer of 2021.

## 4.0 MELIADINE GOLD MINE SITE UPDATE

NIRB staff were unable to organize a site visit in the summer of 2021; however, remain committed to working with the Proponent to obtain observations of site facilities that are of interest to the Board and its mandate for the 2020-2021 monitoring period. This year, to ensure parties are kept up to date at site, the NIRB has developed a Site Update Report based on discussions, updates, and photos provided courtesy of Agnico Eagle. For the details regarding the site update please refer to the 2021 Site Update Report.<sup>5</sup>

From the photos received, the site appears to be generally in compliance with the Terms and Conditions of the Project Certificate 006, Amendment 1. The NIRB appreciates that Agnico Eagle resumed monitoring dust at the AWAR and Bypass Road sampling transects in 2021 as dust levels have been a concern expressed by community members in previous years. The NIRB also

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<sup>5</sup> Public Registry ID No.: 337003

acknowledges the Proponents efforts on improving waste management and appreciates the updated information on the current landfill capacity.

Finally, the NIRB acknowledges the efforts made by Agnico Eagle to maintain the Project adequately during the COVID-19 outbreak and the continued monitoring as per the Terms and Conditions.

## **5.0 PUBLIC INFORMATION SESSION**

Due to operational constraints and restrictions caused by the COVID-19 pandemic, the NIRB was unable to hold an in-person Public Information Session in 2021. To ensure that community members are kept up to date on the Board's monitoring of the Meliadine Gold Mine Project, the NIRB conducted a radio show over the local radio in Rankin Inlet on September 20, 22, and 23, 2021. It was noted that there was some confusion regarding the Inuktitut interpretation of the radio show was expressed by members of the public and a response was provided to the radio station.

## 6.0 AREAS REQUIRING FURTHER STUDY OR CHANGES TO THE MONITORING PROGRAM

### Wildlife Deterrence

Term and Condition 75 requires the Proponent to implement mitigation measures and monitoring programs to limit the attraction of predators and scavengers to Project facilities. The Board recommendations for the *2018-2019 Annual Monitoring Report*<sup>6</sup> for the Meliadine Gold Mine Project recommended conducting a Bear and Wildlife Safety Audit in order to identify potential hazards and/or attractions to wildlife due to 22 fox mortalities in the 2018 year and requested revision of the Waste Management Plan to be provided with the *2019 Annual Report*. It is noted that there were no fox mortalities in 2020, however no trapping of Arctic fox was completed in this year.

The NIRB appreciates that waste management and training materials improved in the 2020-2021 monitoring year, as demonstrated in the 2021 Site Update Report. It is also acknowledged that the Bear and Wildlife Safety Audit was postponed due to COVID-19, and in Agnico Eagle's response to 2019-2020 Board recommendations, it was noted that this audit would be rescheduled to spring/summer 2021.

- The Monitoring Officers recommend that the Wildlife and Safety Audit occur within the next monitoring year if Public Health restrictions permit, and that the results of this audit lead to updates on wildlife deterrence and adaptive management triggers in appropriate management and monitoring plans.

### Dust Monitoring

In its 2019-2020 Monitoring Report, the NIRB recommended that the Proponent supplement dust collection data with traffic from sample days (mine related and public), weather, and time since the last dust suppressant activities in the 2020 and subsequent annual report. The NIRB appreciates improved discussion on dust suppression compared to collection of dust monitoring data. From the dustfall transect data in the Air Quality Monitoring Report it appears that dust suppressant along the AWAR reduced the dust levels, although no statistical analysis is able to be performed with only two (2) years of dust transect data. With the data from dust monitoring in 2021, Agnico Eagle will have three (3) years of data at transects to allow for greater discussion of trends and whether increased dust suppressant at certain locations or certain times may aid in reducing dustfall.

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<sup>6</sup> Public Registry ID No.: 327326

- Within the next annual report Agnico Eagle shall provide a description of how annual AWAR dust monitoring stations relate to AWAR transect stations for ease of reader consideration (i.e., is one (1) sample unit of the transect used or is it a separate collection unit in the location).
- Within the next annual report include more discussion on whether there are trends on locations or timing of increased dustfall and whether additional dust suppressant application should be considered.

#### Post Environmental Assessment Monitoring Program – Appendix A

In the 2020-2021 monitoring year the Meliadine Gold Mine Project Certificate was under reconsideration for the “Saline Effluent Discharge to Marine Environment” Project Proposal so the NIRB was unable to complete the issuance of the Post Environmental Assessment Monitoring Program as was recommended by the NIRB’s Monitoring Officers in 2019.

The Monitoring Officers will continue to work with Agnico Eagle, government departments, and Regulatory Authorities regarding the monitoring program established pursuant to Article 12, Section 12.7 of the *Nunavut Agreement* and s 135 of *NuPPAA*.

- The NIRB will work with Agnico Eagle and parties in the 2021-2022 monitoring year to develop the Post Environmental Assessment Monitoring Program to provide guidance and allow coordination for all participants in the monitoring of the Meliadine Gold Mine Project.

#### Active Management and Monitoring Plan Tracking

As compliance with many Project Certificate Terms and Conditions require compliance with active management and monitoring plans, it is imperative that parties can efficiently access each plan. The Meliadine Gold Mine Project has required multiple amendments to its Project Certificate (NIRB Project Certificate 006) and Type “A” Water Licence (NWB File No.: 2AM-MEL1631) as the Project progresses and there may be multiple versions of plans available at the same time. To ensure that it is clear which management plan versions are the working copy for each year, the annual report should contain a table with the active management plan, version number, and date published.

In addition, updated management plans should be submitted and uploaded individually, not in one (1) large file or as appendices to other management plans to ensure that parties are able to efficiently find and navigate each plan. As management plans are updated, the NIRB emphasizes that these plans be submitted to the NIRB Public Registry once finalized and are active; these do not have to await submission of the annual report. The NIRB is working to update the Public

Registry to make it more accessible to parties and members of the public; however, population of the plans is the responsibility of the Proponent.

- The Proponent shall maintain a table of management plans that were active for the monitoring year in each annual report. The NIRB has completed [Table 1](#) with management and monitoring plans from 2020 and 2021 as an example of how this information could be included in the annual report; and
- Project Certificate 006 states “The Proponent shall establish a Project-specific web portal or web page as a means of making all non-confidential monitoring and reporting information associated with the Project available to the general public.” The NIRB requests that Agnico Eagle have a means of housing house active management plans (e.g., on the existing website for the Meliadine Gold Mine Project or a specific document portal like Baffinland Iron Mines Corporation has done for the Mary River Project).

### Cumulative Effects of Shipping

Term and Condition 68 stipulates that “*The Proponent shall demonstrate consideration for the potential cumulative effects of other development projects and shipping activities (including community resupply) when assessing their cumulative effects on marine birds in the Hudson Strait, in its annual report.*” In providing details towards compliance to this Term and Condition, in its 2019-2020 Monitoring Report, the NIRB noted that there was no cumulative effects analysis which was to be completed in 2019 (after three (3) years of operations). In its *2020 Annual Report*, Agnico Eagle highlighted that a joint Marine Mammal and Seabird Observer Report was completed for the Meliadine Gold Mine Project, the Meadowbank Gold Mine, and Whale Tail Pit Projects shipping activities which will aid in cumulative effects monitoring. However, there was no additional discussion surrounding cumulative effects of shipping between these Projects or taking into consideration other shipping activities, such as community resupply.

- Within future annual reports the Proponent should provide specific discussion of cumulative effects from Project-related shipping activities.

### No-Shooting Zone

During the Final Hearing for the original Meliadine Gold Mine Project, the Kangiqliniq Hunters and Trappers Organization (KHTO) expressed concern regarding the AWAR affecting caribou harvesting and increasing the administration efforts of the KHTO. During the Final Hearing the KHTO representatives stated that since the road was built there were more caribou killed and that the all-weather access road could be a danger to the public due to use of guns during caribou migrations.<sup>7</sup>

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<sup>7</sup> Public Registry ID: 336375



Agnico Eagle proposed a 500-metre buffer around applicable Project infrastructure where no shooting would be permitted and the Board understood that this was providing safety for employees and public using the AWAR, and that this no-shooting zone was discussed with the Government of Nunavut, the Kivalliq Inuit Association, and the KHTO. However, the Board was not clear on what specific measures or policing the Proponent intended to employ to prevent members of the public from actively harvesting and discharging firearms within any safety buffer created. Therefore, the NIRB included direction to the Proponent in Terms and Conditions 48 and 125, both of which were brought into full effect through the Board's decision for the 2018 "Saline Effluent Discharge to Marine Environment" Project Proposal.

In Agnico Eagle's 2020 Caribou Behaviour Study, it is stated that the southern portion of the AWAR was not monitored as frequently due to safety concerns near active harvesting activities. It has also come to the NIRB's attention through the recent assessment of the Waterlines Proposal, that parties were unaware of the no-shooting buffer or zone along the AWAR.

- Within 60 days the Proponent should provide a discussion on what measures are taken to inform community members of the rules of the road, including the no-shooting zone.

## 7.0 FINDINGS

As noted in [Section 1.0](#), the objectives of the NIRB's monitoring programs are:

- (a) Measure the relevant effects of projects on the ecosystemic and socio-economic environments of the Nunavut Settlement Area;*
- (b) Determine whether, and to what extent, the land or resource use in question is being carried out within the predetermined terms and conditions;*
- (c) Provide the information base necessary for agencies to enforce terms and conditions of land or resource use approvals; and*
- (d) Assess the accuracy of predictions contained in the project impact statements.*

## 2021 Update on the Continuation of the Saline Discharge Strategy

On April 13, 2021, Agnico Eagle provided the NIRB with an update on a proposal submitted to the Nunavut Planning Commission in December 2020 to continue the activities, previously approved under the “2020 Saline Effluent Discharge Strategy”, for an additional open water season (2021)<sup>8</sup>, as the NIRB’s continued assessment of the Waterlines Proposal was delayed in its completion due to the ongoing COVID-19 pandemic. The 2020 activities included the following:

- Increase in trucking of saline effluent along the AWAR and Bypass Road from 16 round trips to 44 round trips per day; and
- Increased discharge of saline effluent into Melvin Bay from 800 m<sup>3</sup>/day to 1,600 m<sup>3</sup>/day during the open water season.

On April 21, 2021, the NIRB provided correspondence to Agnico Eagle that acknowledged the Nunavut Planning Commission’s determination that further assessment was not required for an additional season of activity<sup>9</sup> but that the Board’s previous decision to approve the “2020 Saline Effluent Discharge Strategy” was contingent on specific additional monitoring therefore the Board required Agnico Eagle to provide the submission directly to the NIRB to allow confirmation of monitoring requirements.

As a submission was not received by the NIRB in the 2020-2021 monitoring year for the continuation of the “2020 Saline Effluent Discharge Strategy” in 2021, the Board requires an update on activities and monitoring results within 90 days.

## Coordination with the Kangiqliniq Hunters and Trappers Organization

Term and Condition 46 of the Meliadine Gold Mine Project Certificate No. 006 requires “*Hiring of a dedicated local survey coordinator through local Hunters and Trappers Organizations (HTOs) and provision of adequate resources for the HTOs to run the program*”. Within the Terrestrial Environment Management and Monitoring Plan, Version 3 (June 2020), Agnico Eagle states that it collaborates with the Kangiqliniq Hunters and Trappers Organization (KHTO) to conduct wildlife surveys along the all-weather access road (AWAR) which contributes to cumulative effects monitoring and managing mine activities during migration events. However, it is also understood that the Wildlife Protection and Response Plan, Version 8 (January 2019)<sup>10</sup> states that access restrictions are placed on the AWAR when caribou are near the road, and in 2020/2021 additional restrictions were placed on Nunavut mines due to COVID-19 public health restrictions limiting access of Nunavummiut to site. Even with these restrictions, Agnico Eagle addressed concerns submitted by the KHTO in 2021, regarding speed limits and blasting during

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<sup>8</sup> Public Registry ID No.: 334918

<sup>9</sup> Public Registry ID No.: 334910

<sup>10</sup> Public Registry ID No.: 330530

caribou migration<sup>11</sup>, and materials demonstrated that the KHTO was monitoring the migration with Agnico Eagle in a physically distanced manner with the COVID-19 restrictions.

On September 17, 2021, the NIRB received correspondence from the KHTO that wildlife monitors were denied access to monitor caribou and caribou harvest along the AWAR<sup>12</sup>. However, given previous evidence that the KHTO participated in caribou monitoring in 2021, it is unclear in what capacity the KHTO monitors were denied access to the road, whether these monitors were a part of Agnico Eagle's wildlife surveys, whether there were multiple incidents of denied access, and whether different KHTO monitors may have different access restrictions. As such, the NIRB would like to provide Agnico Eagle with an opportunity to communicate with the KHTO and respond to the most recent submission regarding access to the AWAR during caribou migration and COVID-19 restrictions.

As a response to concerns heard from the KHTO, the Board is recommending that Agnico Eagle provide an update regarding the involvement and restrictions of the KHTO in caribou monitoring and ensure that all parties understand the goals and restrictions monitoring before the 2022 post-calving migration.

#### Community Engagement and Inuit Qaujimajatuqangit Incorporation

Term and Condition 103 highlights the importance of community consultation and understanding of Inuit Qaujimajatuqangit to inform updates to monitoring and management plans and/or decisions which is a vital component of monitoring for the Meliadine Gold Mine Project. It is understood that Agnico Eagle works with the Kivalliq Socio-Economic Monitoring Committee, has ongoing collaboration with the KHTO, and plans to establish a community liaison committee.

Some of Agnico Eagle's management plans, including the Terrestrial Environment Management and Monitoring Plan, contain a section where it outlines what and how Inuit Qaujimajatuqangit was included into their formation, and information about how Inuit Qaujimajatuqangit is used to inform yearly monitoring. However, the *2020 Annual Report* does not clearly link how comments received from community members or Inuit Qaujimajatuqangit led to management actions or updates in the monitoring year. Additionally, detail is required on the feedback mechanism for reporting monitoring results back to communities so the public can understand not only the results of the monitoring programs but also how their previous concerns and suggestions are addressed or considered.

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<sup>11</sup> Public Registry ID No.: 336632

<sup>12</sup> Public Registry ID No.: 336819

To ensure that community members are engaged and Inuit Qaujimajatuqangit is incorporated, the Board is recommending that more detail be provided where results from engagement opportunities are considered in the monitoring year and how this implementation is communicated back to the public.

#### Terrestrial Environment Management and Monitoring Plan (TEMMP)

Within its 2019-2020 Monitoring Report the NIRB recommended that Agnico Eagle complete a comprehensive update to the Terrestrial Environment Monitoring and Mitigation Plan (TEMMP), to which Agnico Eagle noted that an updated version would be provided in the 2021 Annual Report. This recommendation was for improved data collection, analysis, reporting and discussion for parties to be able to sufficiently assess impacts and relate monitoring results to management actions. Previous comments and suggestions to update the TEMMP from the NIRB, and other parties are summarized in Section 2.3 of the NIRB's 2020-2021 Monitoring Report, in the 2018-2019 Monitoring Report<sup>13</sup> and the 2019-2020 Monitoring Report<sup>14</sup> and include, but are not limited to, the following:

- Increased detail in caribou behaviour monitoring study design, data collection, consideration of variables and data analysis;
- Improved analysis of caribou movement and determination of deflection from mine operations;
- Trend analyses to detect potential mine-related changes in wildlife;
- Mitigation measures and monitoring design pertaining to migratory birds;
- More detail on how individual monitoring programs (e.g., wildlife track survey) fit into the greater terrestrial environment monitoring or management actions;
- Clear delineation of thresholds when management actions are implemented;
- Update in background data where appropriate; and
- Improvements to the Hunter Harvest Survey and understanding of how this survey and/or other monitoring programs will function to monitor any changes to hunting pressures from the development of the AWAR.

Many of the concerns expressed by parties this year and in previous monitoring years were topics highlighted throughout the reconsideration process for the "Saline Effluent Discharge to Marine Environment" Project Proposal. As part of this process a Terrestrial Advisory Group was committed to as a method to collaborate with interested parties to improve the terrestrial environment monitoring program. However, at the time of the submission of the *2020 Annual Report* and response to parties' comments on the report, the NIRB's assessment of the Waterlines Proposal was still ongoing, and the Terrestrial Advisory Group had not yet been formed and is therefore not available to address these concerns. Agnico Eagle is reminded that it is still expected

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<sup>13</sup> Public Registry ID No.: 327327, 328255, 328256

<sup>14</sup> Public Registry ID No.: 332018, 333457, 333458

to find methods to engage with parties in the current situation in order to ensure all parties can understand and sufficiently access impacts to the terrestrial environment to provide feedback for revisions of the TEMMP.

As Agnico Eagle proposed to submit an updated version of the TEMMP within the 2021 Annual Report, the Board is recommending that Agnico Eagle collaborate with interested parties to ensure updates to the plan are discussed and comments and recommendations from parties are considered.

## 8.0 CONCLUSION

During the 2020-2021 monitoring period, Agnico Eagle demonstrated compliance with the majority of the Meliadine Gold Mine Project Certificate requirements. Further, Agnico Eagle is generally meeting the objectives of monitoring and mitigation plans and procedures put in place for the Project. However, certain outstanding issues will require the Proponent's attention as discussed throughout this report with the main issues identified in this monitoring period as follows:

1. Lack of achievement or progress towards achieving of the following terms and conditions:  
1, 12, 17, 36, 37, 43, 44, 46, 48, 56, 57, 66, 68, 71, 73, 86, 91, 103, 104, 105, and 125
2. Improvements to Agnico Eagle's Annual Report
3. Wildlife Deterrence
4. Dust Monitoring
5. Post Environmental Assessment Monitoring Program
6. Active Management and Monitoring Plan Tracking
7. Update on the Continuation of the Saline Discharge Strategy
8. Coordination with the Kangiqliniq Hunters and Trappers Organization
9. Community Engagement and Inuit Qaujimajatuqangit Incorporation
10. Terrestrial Environment Management and Monitoring Plan (TEMMP)

Prepared by: Emily Koide, MSc  
Title: Technical Advisor I  
Date: November 9, 2021

Signature:



Reviewed by: Kelli Gillard PAg, CTAJ  
Title: Manager, Project Monitoring  
Date: November 9, 2021

Signature:



## Appendix A: Compliance with the Meliadine Gold Mine Project Certificate No. 006, Amendment 1

<u>Term &amp; Condition</u>	<u>Reporting Requirements</u>	<u>Compliance Achievement</u>	<u>NIRB Comment</u>
<b>General Regulatory Requirements</b>			
1. Appointment of Monitoring Officer(s).	n/a	Active In Compliance	<ul style="list-style-type: none"> <li>Completed by NIRB.</li> </ul>
2. NIRB to report annually on the monitoring program (in English and Inuktitut).	Annually	Active In Compliance	<ul style="list-style-type: none"> <li>Completed by NIRB.</li> </ul>
3. NIRB to conduct periodic community meetings updates regarding its Monitoring Program.	n/a	Active In Compliance	<ul style="list-style-type: none"> <li>Due to being unable to complete an in-person community update in Rankin Inlet, the NIRB provided updates over the local radio station.</li> </ul>
4. NIRB to schedule periodic site inspections.	n/a	Active In Compliance	<ul style="list-style-type: none"> <li>Site update was provided by the Proponent due to Public Health restrictions on site access in 2021.</li> </ul>
5. Proponent must obtain all required federal and territorial permits and other approvals and shall comply with the requirements of such regulatory instruments.	n/a	Active In Compliance	<ul style="list-style-type: none"> <li>All active permits provided in the <i>2020 Annual Report</i>.</li> </ul>
6. Duty to Comply with environmental laws and regulations and/or regulatory instruments and shall report any non-compliance as required by law immediately.	Annually	Active In Compliance	<ul style="list-style-type: none"> <li>Due to COVID-19 in-person inspections were limited to non-contact and virtual visits in 2020.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>NIRB Comment</u></b>
7. Posting of adequate performance bonding.	n/a	Completed	
<b>Monitoring Records</b>			
8. Information requirements for monitoring reporting.	Annually	Active In Compliance	
9. Make significant monitoring results and/or summaries of significant results available in English and Inuktitut, to the extent feasible.	Annually	Active In Compliance	<ul style="list-style-type: none"> <li>The monitoring summaries of significant results in Inuktitut were submitted as part of the <i>2020 Annual Report</i>.</li> </ul>
10. Maintain the records, including results, of all Project-related monitoring data and analysis for the life of the Project, including closure and post-closure monitoring.	Annually	Active In Compliance	
11. Maintenance of an up to date Environmental Impact Statement and updated environmental monitoring programs developed for the Project as new information is collected.	As information is updated	Active In Compliance	The NIRB emphasizes that as the Project continues to collect monitoring data. Baseline data and effects predictions should be updated as appropriate.
12. Publicly-accessible Project-specific web portal or web page to make available in	n/a	Active Deficient - In Progress	<a href="http://aemnunavut.ca/water-management-at-meliadine/">http://aemnunavut.ca/water-management-at-meliadine/</a> <a href="http://aemnunavut.ca/operations/meliadine/">http://aemnunavut.ca/operations/meliadine/</a>



<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>NIRB Comment</u></b>
a central location all significant non-confidential monitoring and reporting information submitted to regulatory authorities			<ul style="list-style-type: none"> <li>▪ The NIRB acknowledges that documents related to both the amendments with the NIRB and NWB in 2021, as well as the socio-economic reports are available on the Agnico Eagle website. Efforts to provide water management and timelines in a graphical manner also is greatly appreciated to improve accessibility to the public.</li> <li>▪ The NIRB encourages the Proponent to make all non-confidential monitoring data available to the public at a central location such as Agnico Eagle's website.</li> </ul>
<b>On-going Engagement in Project Monitoring, Modelling, Management and Reporting</b>			
13. Provide on-going opportunities for consultation and comment on any substantive revisions to the Project-specific monitoring program, modelling, studies, management plans, management measures, and reporting.	Annually	Active In Compliance	Proponent to consider how communities are engaged in Project-specific monitoring program, modelling, studies, management plans, management measures, and reporting.

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>NIRB Comment</u></b>
14. To the extent feasible, the NIRB will provide an opportunity for comment on any substantive revisions to the Project-specific monitoring, modelling, studies, management plans, management measures, and reporting provided by the Proponent under the Project Certificate.	Annually	Active In Compliance	

## Meliadine Gold Mine Project Specific Terms & Conditions

<u>Term &amp; Condition</u>	<u>Reporting Requirements</u>	<u>Compliance Achievement</u>	<u>Comments</u>
<b>AIR QUALITY</b>			
<b>1: Updated Air Quality Monitoring Plan</b>	<i>The updated plan at least 90 days prior to the start of construction, with results submitted annually.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>Total suspended dust sample monitors were repaired and reinstalled in October 2020. As the majority of 2020 was not captured in the <i>2020 Annual Report</i> Agnico Eagle provided a mid-year report<sup>15</sup> to provide an update on suspended particulate monitoring at the mine site. The NIRB appreciates that Agnico Eagle has a contingency of accumulating spare parts, training on the currently used units and testing of a different brand of sampler, and the NIRB looks forward to seeing more consistent air quality monitoring results in the future.</li> <li>Due to COVID-19, two (2) dustfall transects could not be sampled.</li> </ul>

<sup>15</sup> Public Registry ID: 336618

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>2: Emissions Monitoring</b>	<i>Annual reporting and parameters must clearly identify the results and compared to predicted levels in the FEIS or limits established by applicable guidelines and regulations.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Air Quality Monitoring Report and 2020 Annual Report note that the measured annual average emissions were well below the Government of Nunavut Ambient Air Quality Standards, and FEIS maximum predicted values for the 2019 year.</li> </ul>
<b>3: Dust Management and Monitoring Plans</b>	<i>The updated plan submitted at least 60 days prior to commencement of construction activities.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report Section 7.8 and the 2020 Air Quality Monitoring Report detail the use of dust suppressant along the Project roads.</li> </ul>
<b>4: Incineration Management Plan</b>	<i>The updated plan should be submitted at least 60 days prior to commencement of construction of the incinerator.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Incineration Management Plan, Version 6 (February 2019).</li> </ul>
<b>5: Stack Testing Results</b>	<i>Stack test results are to be reported annually, or as may otherwise be required.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Stack testing was conducted as per Incineration Management Plan, Version 6 (February 2019).</li> <li>The applicable standards for dioxins and furans were met for all tests, as well as the applicable standard for mercury. See Appendix 14: 2020 Stack Testing Report.</li> </ul>
<b>6: Dust Suppression Measures at Landfill</b>	<i>Implementation reported and discussed in the Proponent's annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Landfill dust suppressant during topping and capping contained within the Dust Management Plan Version 6, 2020.</li> <li>Within future Annual Reports the NIRB requests an update on whether any topping or capping is occurring at the landfill.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>CLIMATE AND METEOROLOGY</b>			
<b>7: Calculations of Greenhouse Gas Emissions generated by the Project</b>	<i>Implementation reported and discussed in the Proponent's annual report.</i>	Active In Compliance	2020 Air Quality Monitoring Report and 2020 Annual Report noted that the measured annual average emissions were well below the Government of Nunavut Ambient Air Quality Standards, and FEIS maximum predicted values for the 2019 year.
<b>8: Engage Inuit in initiatives related to climate change when undertaking climate-change related studies and research.</b>	<i>An annual summary of consultation and how the information was used to inform planning for the Project.</i>	Active In Compliance	Agnico Eagle collaborates with the University of Saskatchewan to provide youth education and community outreach on plant restoration research. Due to COVID-19 the University of Saskatchewan was unable to travel to the mine site, however research continued at the research space at the University of Saskatchewan.
<b>9: Greenhouse Gas Emissions (GHG) Reduction Plan</b>	<i>The plan should be submitted 90 days prior to the commencement of operations.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Greenhouse Gas Emissions Reduction Plan, Version 1 (Jan 2019).</li> </ul>
<b>NOISE AND VIBRATION</b>			
<b>10: Noise and Vibration Abatement Plan</b>	<i>The finalized noise abatement plan submitted at least 90 days prior to the commencement of construction.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Noise Abatement and Monitoring Plan, Version 3 (March 2020).</li> <li>Terrestrial Environment Management and Monitoring Plan, Version 3 (June 2020).</li> </ul>
<b>11: Noise and Vibration Monitoring at Accommodation Sites.</b>	<i>Monitoring results and implementation reported in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Noise Abatement and Monitoring Plan Version 3 (March 2020).</li> </ul>

<u>Term &amp; Condition</u>	<u>Reporting Requirements</u>	<u>Compliance Achievement</u>	<u>Comments</u>
<b>TERRESTRIAL ENVIRONMENT</b>			
<b>12: Permafrost Mapping and Monitoring</b>	<i>An annual summary discussion of its implementation of this term and condition in the report as well as the results of mapping.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>Appendix 6: 2020 Annual Geotechnical Inspection Report.</li> <li>More discussion within future annual reports is required for parties to understand the effect of mine structures on permafrost.</li> </ul>
<b>13: Terrain, Soils, and Geotechnical Investigations</b>	<i>The updated plan within 90 days of the issuance of a Project Certificate with updates provided as required and monitoring results discussed annually.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Environmental Management and Protection Plan, Version 9 (March 2019).</li> <li>Appendix 7 and 8: 2019 and 2020 Annual Geotechnical Report Agnico Eagle Responses and Actions Table.</li> </ul>
<b>14: Dike and Tailings Storage Facility Design.</b>	<i>Details provided at least 60 days prior to the commencement of construction, and results of any additional reporting included in annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Appendix 6: 2020 Annual Geotechnical Inspection Report.</li> <li>Appendix 10: Site wide GTC Locations.</li> </ul>
<b>15: Tailings Storage Facility Design and Management</b>	<i>A summary of the assessment and updated plans submitted 6 months following issuance of the Project Certificate and the results required reporting included in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Risk Management and Emergency Response Plan, Version 4 (April 2015).</li> <li>Interim Closure and Reclamation Plan (ICRP; December 2019).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>16: Erosion Management Plan</b>	<i>The plan and information about implementation of these measures and monitoring results shall be reported and discussed in the annual report with updates provided as required.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Sediment and Erosion Management Plan (Version 2, March 2020).</li> </ul>
<b>17: Permafrost Integrity</b>	<i>A summary discussion of implementation of this term and condition, including the results of monitoring or adaptive management strategies in the annual monitoring report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>▪ Appendix 6: 2020 Annual Geotechnical Inspection Report.</li> <li>▪ More discussion within future annual reports is required for parties to understand the effect of mine structures on permafrost.</li> </ul>
<b>18: As-built Drawings and Final Design Plans</b>	<i>Copies of the drawings and final designs are submitted as they are completed, and an update provided in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ The NIRB received monthly construction summary reports from the Proponent. As the Project is now in Operations the last report was received in June of 2019.</li> <li>▪ Appendix 9: As-built Drawing of Tiriganiaq 02 Open Pit Access Road.</li> </ul>
<b>19: Tailings and Waste Rock Monitoring Program</b>	<i>The monitoring program be submitted at least 90 days prior to the establishment of either facility, and plan revisions or updates submitted as required and reporting in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Mine Waste Management Plan, Version 7 (March 2021).</li> <li>▪ The 2020 Annual Geotechnical Inspection noted that dusting from the tailings storage facility is evident in the adjacent waste rock storage facility area and measures to reduce dusting should be implemented.</li> </ul>



<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>20: Closure and Reclamation Plan</b>	<i>The updated plan is submitted within 6 months of the issuance of the Project Certificate with measures and monitoring results submitted annually and plan updates filed as required.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Appendix 32: 2020 Tundra Restoration and Natural Recovery Monitoring Report explores revegetation options for reclamation.</li> <li>The NIRB expects the Interim Closure and Reclamation Plan to be updated as further reclamation knowledge is gained.</li> </ul>
<b>21: Waste Management Plan</b>	<i>The updated plan submitted at least 90 days prior to operation of Project landfills with measures and monitoring results in annual report and updates submitted as required.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Landfill and Waste Management Plan, Version 7 (March 2019).</li> <li>Agnico Eagle has noted that a technical memo regarding the landfill which is nearing capacity will be provided on September 30, 2021. This document will be considered in the 2021-2022 monitoring year.</li> </ul>
<b>GEOLOGY (INCLUDING GEOCHEMISTRY)</b>			
<b>22: Adaptations to the Mine Waste Management Plan and practices based on results obtained through monitoring.</b>	<i>A summary discussion of its implementation, including the results of monitoring or adaptive management strategies in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Mine Waste Management Plan, Version 7 (March 2021).</li> </ul>
<b>23: Mine Waste Management Plan – Discovery Deposit.</b>	<i>The Plan submitted 90 days prior to construction with subsequent plan revisions submitted annually thereafter along results of any reporting in the annual monitoring report.</i>	Not Yet Active Not Yet Applicable	

<u>Term &amp; Condition</u>	<u>Reporting Requirements</u>	<u>Compliance Achievement</u>	<u>Comments</u>
<b>HYDROGEOLOGY AND GROUNDWATER QUANTITY AND QUALITY</b>			
<b>24: Hydraulic Data</b>	<i>A summary discussion of its implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ The Proponent submitted results of its 2015 hydrogeological investigations in 2016.</li> <li>▪ Groundwater inflows to Tiriganiaq Pit 1 updated.</li> </ul>
<b>25: Groundwater Management Plan</b>	<i>An updated plan submitted within 90 days of receipt of the amended Project Certificate. A summary discussion of implementation including the results of monitoring or adaptive management strategies in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Groundwater Management Plan, Version 5 (April 2020).</li> <li>▪ The NIRB also notes Agnico Eagle's proposal to increase discharged saline effluent to the marine environment for which the Board released a decision to the Minister on July 30, 2021.</li> </ul>
<b>26: Pit Refill Rates</b>	<i>A summary discussion of implementation in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Water Management Plan, Version 9 (March 2020).</li> </ul>
<b>HYDROLOGY (INCLUDING SURFACE WATER QUANTITY) AND WATER AND SEDIMENT QUALITY</b>			
<b>27: Aquatic Effects Monitoring Plan (AEMP)</b>	<i>A summary discussion of implementation including the results of monitoring or adaptive management strategies, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Aquatics Effects Monitoring Program (AEMP) Design Plan Version 2 (October 2018).</li> <li>▪ AEMP 2020 Annual Report.</li> <li>▪ Air Quality Monitoring Plan, Version 2 (April 2020).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>28: Sediment and Erosion Management Plan</b>	<i>A summary discussion of implementation including the results of monitoring or adaptive management strategies, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Sediment and Erosion Management Plan, Version 2 (March 2020).</li> </ul>
<b>29: Water Infrastructure Monitoring</b>	<i>A summary discussion of implementation including the results of monitoring or adaptive management strategies, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Freshet Management Plan Version 6, (March 2020).</li> <li>▪ Roads Management Plan, Version 8 (December 2019).</li> </ul>
<b>FRESHWATER AQUATIC ENVIRONMENT</b>			
<b>30: Aquatic Effects Monitoring Plan (AEMP) to include, at a minimum info related to reference lakes, sedimentation, and additional testing for fish</b>	<i>A summary discussion of implementation including the results of monitoring or adaptive management strategies, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ AEMP Design Plan Version 2 (October 2018).</li> <li>▪ Aquatic Effects Monitoring Program.</li> <li>▪ Additional sampling completed as part of emergency water licence.</li> </ul>
<b>31: Setback distance between project quarries and fish-bearing or permanent water bodies</b>	<i>Implementation of these measures shall be in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Borrow Pits and Quarries Management Plan, Version 6 (March 2018) commits to maintaining a setback of at least 31 m from watercourses where possible.</li> </ul>
<b>32: Site Drainage and Silt Control Plan</b>	<i>A summary discussion of implementation including any updates to the Plan, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Water Management Plan, Version 9 (March 2020).</li> <li>▪ Sediment and Erosion Management Plan, Version 2 (March 2020).</li> <li>▪ Roads Management Plan, Version 8 (December 2019).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>33: Blasting</b>	<i>Implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report Appendix 22: Blast Monitoring Memorandum reported one blast threshold exceedance. Proponent states this is likely due to improper placement of instrumentation.</li> </ul>
<b>34: Watercourse Maintenance</b>	<i>A summary discussion of implementation, including any updates to the Plan, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>The NIRB recognizes that the Project is in operations and acknowledges the Proponent's planned management and mitigation discussed in its Water Management Plan, Version 9 (March 2020) and Roads Management Plan, Version 8 (December 2019) such as use of screens on water intake pipes, adjustments of flow rates, use of clear-span bridges, and avoiding in-water construction works during sensitive periods, as per guidelines from Fisheries and Oceans Canada.</li> </ul>
<b>VEGETATION</b>			
<b>35: Site Footprint</b>	<i>A summary of consultation and how the information was used to inform planning for the Project shall be provided in the Proponent's annual report to the NIRB.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Direct habitat loss was not assessed in 2020 (next assessment 2021).</li> <li>The NIRB looks forward to a summary of consultation and how the information was used to inform planning, after the 2021 assessment.</li> </ul>
<b>36: Invasive Species – Vehicle Inspections</b>	<i>A summary discussion of implementation, including any</i>	Active Non-compliance	<ul style="list-style-type: none"> <li>Appendix 26: 2020 Terrestrial Environment Management and Monitoring Plan Report.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
	<i>updates to the Plan, in the annual monitoring report.</i>		<ul style="list-style-type: none"> <li>Appendix 32: 2020 Tundra Restoration and Natural Recovery Monitoring Report.</li> </ul>
<b>37: Monitoring for Invasive Species</b>	<i>A summary of consultation and how the information was used to inform planning for the Project shall be provided in the Proponent's annual report to the NIRB.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>The Proponent's TEMMP needs to be updated in collaboration with interested parties.</li> <li>One invasive plant species was identified in 2020.</li> <li>Due to COVID-19 the ship loading area and Bypass road were not surveyed for invasive plant species in 2020.</li> </ul>
<b>38: Vegetation – Updated Baseline and Ongoing Monitoring</b>	<i>Monitoring results and implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Vegetation and soil monitoring is completed every three (3) years with the next assessment to be completed in 2022.</li> </ul>
<b>39: Vegetation Monitoring</b>	<i>The program is submitted within 6 months of the issuance of the Project Certificate and implementation, updates to the Plan, and monitoring results in the Proponent's annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Appendix 28: 2020 Dust and Vegetation Study.</li> <li>Direct habitat loss was not assessed in 2020 (next assessment 2021).</li> <li>Vegetation and soil monitoring not assessed in 2020 (next assessment 2022).</li> </ul>
<b>40: Vegetation – Adaptive Management</b>	<i>A summary discussion of implementation, including any updates to the Plan, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Appendix 26: 2020 Terrestrial Environment Management and Monitoring Plan Report.</li> <li>TEMMP to be updated in 2021.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>41: Vegetation Reclamation and Revegetation</b>	<i>A summary discussion of implementation, including any updates to the Plan, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Appendix 32: 2020 Tundra Restoration and Natural Recovery Monitoring Report.</li> </ul>
<b>42: Vegetation – Closure and Reclamation plan</b>	<i>A summary discussion of implementation in the Proponent's annual monitoring report.</i>	Not Yet Active Not Yet Applicable	<ul style="list-style-type: none"> <li>Lessons learned from Ekati revegetation and progressive reclamation are included in Interim Closure and Reclamation Plan (December 2019).</li> <li>The NIRB expects updated and final closure plans to provide greater detail on revegetation plans as results from revegetation studies obtained and inclusion of lessons learned from Meadowbank closure activities.</li> </ul>
<b>TERRESTRIAL WILDLIFE AND WILDLIFE HABITAT</b>			
<b>43: Terrestrial Environment Management and Monitoring Plan - Thresholds</b>	<i>A summary discussion of implementation, including any updates to the Plan, in the annual monitoring report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>TEMMP to be updated in 2021.</li> <li>Future updates of this plan should more clearly incorporate refinements to design, elaborate on methodologies and incorporate analytical strategies.</li> </ul>
<b>44: Caribou Monitoring</b>	<i>Results of discussions, implementation of measures, updates to the Plan, and monitoring results in the annual report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>The Proponent participates in regional caribou monitoring programs and collects data on caribou interaction with site (TEMMP, Version 3, June 2020). The Proponent provided additional analysis of collared caribou interaction with the AWAR, completed as part of the Waterline</li> </ul>

<u>Term &amp; Condition</u>	<u>Reporting Requirements</u>	<u>Compliance Achievement</u>	<u>Comments</u>
			<p>Proposal; however, the GN did not provide collar data in 2020.</p> <ul style="list-style-type: none"> <li>Behaviour monitoring and camera studies were updated and implemented in 2020.</li> </ul>
<b>45: Wildlife General Monitoring</b>	<i>A summary discussion of implementation, including the results of monitoring, adaptive management strategies, consultation, and contribution efforts undertaken, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>The Proponent summarizes in its TEMMP, Version 3 (June 2020) that collaborations with parties including ECCC, GN, and KHTO are established for monitoring of muskoxen, caribou, birds.</li> </ul>
<b>46: Hunter Harvest Survey</b>	<i>A summary discussion of implementation (including the results of monitoring, adaptive management strategies, and contribution efforts undertaken) in annual monitoring report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>Agnico Eagle completed the first year of its Hunter Harvest Survey in 2020. The NIRB looks forward to seeing the results from the continuation of this program.</li> <li>Further discussion required on how this Hunter Harvest Survey will be used to understand hunting pressure changes from the AWAR.</li> <li>Concerns were expressed by the KHTO that access to caribou monitoring along the all-weather access road was restricted.<sup>16</sup></li> <li>See also Term and Condition #105.</li> </ul>

<sup>16</sup> Public Registry ID.: 336819



<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>47: Caribou Monitoring – Collar data</b>	<i>A summary discussion of implementation, including any updates to the Plan, in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Agnico Eagle entered into a Memorandum of Understanding with the GN on March 1, 2017 to share and increase the common knowledge of possible disturbance effects on caribou and muskoxen and their migration.</li> <li>▪ It is understood from the Waterlines Proposal assessment that further discussions of data sharing are ongoing.</li> </ul>
<b>48: Management of Road Access</b>	<i>Road Access Management Agreement to be submitted at least 60 days prior to the commencement of increased traffic related to the marine outflow activities, with implementation of these measures and monitoring results and subsequent updates to the Plan, in the annual report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>▪ Road Access Management Agreement Conditions implemented into the Roads Management Plan, Version 8 (December 2019).</li> <li>▪ Agnico Eagle shall provide a discussion on implementation of the no-shooting zone.</li> </ul>
<b>49: Ensure proper permitting for research through NRI</b>	<i>A summary discussion of implementation in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Agnico Eagle noted that there is currently no research permits with the Nunavut Research Institute.</li> <li>▪ Unclear which research permits or licences are required for the tundra restoration research with the University of Saskatchewan. Information should be provided in future annual reports.</li> </ul>



<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>50: Recovery of Terrestrial Wildlife Habitat</b>	<i>A summary discussion of implementation in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Appendix 32: 2020 Tundra Restoration and Natural Recovery Monitoring Report.</li> </ul>
<b>51: Iqalugaaruup Nunanga Territorial Park.</b>	<i>Information regarding the Proponent's consultation, coordination and other contribution efforts undertaken shall be provided in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Air Traffic Management Plan (2018).</li> <li>Wildlife Protection and Response Plan, Version 8 (January 2019).</li> <li>Also see response to Terms and Conditions #69 and #70.</li> </ul>
<b>52: Muskox Monitoring Programs</b>	<i>A summary discussion of implementation in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Agnico Eagle supports the GN for muskoxen surveys.</li> <li>No surveys were completed by the GN in 2020, consequently no in-kind contributions were requested.</li> </ul>
<b>53: Furbearer Surveys</b>	<i>Survey results submitted at least 60 days prior to the increase in traffic and implementation of these measures and monitoring results as well as any subsequent updates to the Plan, included the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>No dens were observed in surveys completed in 2020.</li> </ul>
<b>54: Movement of Wildlife</b>	<i>A summary discussion of implementation in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>TEMMP, Version 3 (June 2020).</li> <li>2021 Site Update Report demonstrates wildlife crossings over pipeline infrastructure.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>55: Wildlife Mortality</b>	<i>A summary discussion of implementation in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ TEMMP, Version 3 (June 2020).</li> <li>▪ Eleven (11) wildlife mortalities reported in 2020.</li> </ul>
<b>56: Terrestrial Monitoring Reporting</b>	<i>A summary discussion of implementation (including the results of monitoring, adaptive management strategies, consultation, and contribution efforts undertaken) in the annual monitoring report.</i>	Active Deficient - In Progress	The Proponent is required to update baseline information over time where appropriate as well as discuss distribution of wildlife compared to mining infrastructure.
<b>57: Terrestrial Trend Reporting</b>	<i>A discussion included in the Proponent's annual monitoring report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>▪ Camera study completed in 2020.</li> <li>▪ Updated TEMMP in 2021 should include trend analysis.</li> </ul>
<b>BIRDS AND BIRD HABITAT</b>			
<b>58: Migratory Bird Awareness</b>	<i>Information regarding the term and condition shall be included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Wildlife Protection and Response Plan, Version 8 (January 2019).</li> </ul>
<b>59: Birds – Species at Risk Nesting</b>	<i>Information regarding the term and condition shall be included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ TEMMP, Version 3 (June 2020) provides details on setback distances.</li> <li>▪ Two (2) bird nests were found within the Project footprint in 2020. Further details regarding whether any mitigation measures were implemented to protect nests would be appreciated in future annual reports.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>60: Birds – Species at Risk Regular Updates</b>	<i>Information regarding the term and condition shall be included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ TEMMP, Version 3 (June 2020).</li> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> </ul>
<b>61: Construction and clearing activities – deterrents and checks for nests prior to disturbance</b>	<i>Information regarding the term and condition shall be included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ The Site Update Report and 2020 TEMMP Report provide evidence of wildlife deterrents used at site to deter birds from nesting.</li> <li>▪ Two (2) birds nests were found within the Project footprint in 2020.</li> </ul>
<b>62: Construction and Clearing Activities – Protection of Nests</b>	<i>Information regarding the term and condition shall be included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ TEMMP, Version 3 (June 2020) setback distances for nests where mining activities were active.</li> </ul>
<b>63: Marine Considerations</b>	<i>Information included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> <li>▪ Appendix D: Marine Environment Management Plan (March 2017).</li> <li>▪ 2020 Marine Mammal and Seabird Report - Standard Operating Procedure. Proponent to report bird strikes to ECCC Wildlife Enforcement Officer.</li> </ul>
<b>64: Marine Spill Plans</b>	<i>The framework submitted at least 90 days prior to conducting any Project-related shipping. Implementation, updates to the Plan, and monitoring results in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> <li>▪ Marine Environment Management Plan (March 2017).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>65: Marine Shipping – Ship Wakes</b>	<i>Information included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Shipping Management Plan, Version 8 (March 2019).</li> </ul>
<b>66: Marine Shipping – Bird Strikes</b>	<i>Information included in the annual report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>2020 Marine Mammal and Seabird Report - Standard Operating Procedure. Proponent to report bird strikes to ECCC Wildlife Enforcement Officer.</li> <li>No vessel strikes of seabirds were reported.</li> <li>The NIRB would appreciate more clarity on the inspection protocol for if a vessel strike is suspected.</li> </ul>
<b>67: Updated Oil Pollution Prevention Plan</b>	<i>A summary discussion of implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Oil Pollution Prevention Plan, Version 2 (January 2019).</li> <li>Marine Environment Management Plan (March 2017).</li> </ul> <p><b>Note:</b> the NIRB will continue to require Post Oil Transfer Reports.</p>
<b>68: Demonstrate consideration for the potential cumulative effects of other development projects and shipping activities on marine birds in the Hudson Strait</b>	<i>Information included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>The Marine Mammal and Seabird Observer Report is now coordinated for the shipping between the Meliadine Gold Mine Project and the Meadowbank Gold Mine and Whale Tail Pit Projects.</li> </ul>
<b>69: Flight altitude requirements – horizontal and vertical distances</b>	<i>Information included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Wildlife Protection and Response Plan Version 8 (January 2019).</li> <li>Air Traffic Management Plan (April 2018).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
			<ul style="list-style-type: none"> <li>Also see response to Terms and Conditions #51 and #70.</li> </ul>
<b>70: Flight altitude requirements – flight record log</b>	<i>Information included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Wildlife Protection and Response Plan, Version 8 (January 2019).</li> <li>Air Traffic Management Plan (April 2018).</li> <li>Also see response to Terms and Conditions #51 and #69.</li> </ul>
<b>71: Develop detailed and robust mitigation and monitoring plans for migratory birds</b>	<i>A summary discussion of implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>TEMMP, Version 3 (June 2020).</li> <li>Provide description of consultation and incorporation of comments by community members and relevant parties.</li> </ul>
<b>72: Monitoring with key indicators in the TEMMP and EPP</b>	<i>A summary discussion of implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>TEMMP, Version 3 (June 2020).</li> <li>Shipping Management Plan, Version 8 (March 2019).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>73: Monitoring - Reporting</b>	<i>Monitoring results and implementation of these measures in the annual.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>▪ Direct habitat loss was not assessed in 2020 (next assessment 2021). If there are changes to the mine footprint within the monitoring year, the Proponent should provide a discussion on how this impacts habitat loss.</li> <li>▪ Project footprint was determined to be 29% of the 2,950 hectares predicted.</li> <li>▪ Also see response to Term and Condition #35.</li> </ul>
<b>74: Terrestrial Management and Monitoring Plan (TEMMP) Waterfowl and Waterbirds Monitoring</b>	<i>A summary discussion of implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ TEMMP, Version 3 (June 2020).</li> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> <li>▪ Deterrent measures in 2020 included propane cannons and fake owls as evidenced in the 2020 TEMMP Report and the Site Update Report.</li> </ul>
<b>75: Mitigation measures and monitoring programs to limit the attraction of predators and scavengers to Project.</b>	<i>A summary discussion of implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ TEMMP, Version 3 (June 2020).</li> <li>▪ Landfill and Waste Management Plan, Version 7 (March 2019).</li> <li>▪ Fox trapping was not required in 2020.</li> </ul>
<b>MARINE ENVIRONMENT</b>			

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>76: Update all Relevant Plans for the Marine Environment</b>	<i>A summary discussion of implementation, including the results of monitoring or adaptive management strategies, and any updates to plans in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> <li>▪ Marine Environment Management Plan (March 2017).</li> <li>▪ Spill Contingency Plan, Version 8 (February 2019).</li> <li>▪ Oil Pollution Emergency Plan, Version 3.1 (April 2020).</li> </ul>
<b>77: Spill Equipment and Training.</b>	<i>Information shall be included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Spill Contingency Plan, Version 8 (February 2019).</li> <li>▪ Agnico Eagle held a mock spill training course (Appendix 16: 2020 Mock Spill Scenario Report).</li> </ul>
<b>78: Spill Prevention - Models</b>	<i>Results of the spill dispersion modeling submitted at least 90 days prior to the commencement of construction, and updates provided annually.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> </ul>
<b>MARINE WILDLIFE</b>			

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>79: Updated Baseline for Shipping Management Plan</b>	<i>Updated baseline provided prior to the commencement of Project-related shipping. A summary discussion of implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Shipping Management Plan, Version 8 (March 2019).</li> </ul>
<b>80: Baseline Information for Melvin Bay</b>	<i>Information included in the Proponent's annual report to the NIRB.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Shipping Management Plan, Version 8 (March 2019) Appendix B: Revised Marine Environmental Baseline.</li> </ul>
<b>81: Mitigation and Monitoring for Marine Species</b>	<i>Updates to the relevant plan(s) provided a minimum of 120 days prior to the commencement of Project-related shipping. Implementation and monitoring results shall be reported and discussed in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Shipping Management Plan, Version 8 (March 2019).</li> <li>Marine Environment Management Plan (March 2017).</li> <li>During 2020 due to COVID-19, local monitors could not board vessels and vessel crew conducted the monitoring.</li> </ul>
<b>82: Monitoring for Marine Wildlife During Shipping</b>	<i>Updated monitoring plans should be provided a minimum of 120 days prior to the commencement of Project-related shipping. Implementation and monitoring results shall be reported and discussed in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Shipping Management Plan, Version 8 (March 2019).</li> <li>Appendix 31: Marine Mammal and Seabird Observer Report.</li> <li>Updated training on avoidance of sensitive areas for marine wildlife and on survey protocols was provided to vessel crews.</li> <li>The 2020 Marine Mammal and Seabird Observer program resulted in greater</li> </ul>



<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
			survey effort than has been seen in previous years (2018 and 2019).
<b>83: Marine Mammal Interactions</b>	<i>Information included in the Proponent's annual report to the NIRB.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Shipping Management Plan, Version 8 (March 2019).</li> <li>During 2020, Agnico Eagle updated the maps and training materials showing the setbacks and mitigation measures when marine mammals and seabirds are observed.</li> </ul>
<b>84: Route Planning for Shipping.</b>	<i>Mapping and associated details should be provided a minimum of 180 days prior to the commencement of Project-related shipping. Implementation and monitoring results shall be reported and discussed in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Shipping Management Plan, Version 8 (March 2019).</li> </ul>
<b>85: Monitor Disturbance to Walruses</b>	<i>A summary discussion of its implementation (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Four (4) walruses were reported (2020 Annual Report Appendix 31: Marine Mammal and Seabird Observer Report).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>86: Cumulative Effects</b>	<i>Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>The NIRB appreciates that shipping for both the Meliadine Gold Mine and Meadowbank Gold Mine and Whale Tail Pit Projects is being jointly analyzed to better understand cumulative effects from the three (3) projects and looks forward to seeing how other stakeholders are involved in future years.</li> </ul>
<b>ECONOMIC DEVELOPMENT, CONTRACTING, AND BUSINESS OPPORTUNITIES</b>			
<b>87: Participate in the work of the Kivalliq Socio-Economic Monitoring Committee along with other agencies and the communities for a collaborative monitoring framework</b>	<i>A summary discussion of implementation (including the results of monitoring) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>The Proponent participates in the Kivalliq Socio-Economic Monitoring Committee and works with the Socio-Economic Monitoring Working Group.</li> </ul>
<b>88: Establish a socio-economic working group for the Project</b>	<i>Information included in the annual report. All updates be submitted during annual socio-economic reporting.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>The NIRB appreciates the submission of the Socio-Economic Monitoring Working Group Terms of Reference as requested in the NIRB's 2019-2020 Monitoring Report.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>89: Meliadine Socio-economic Monitoring Program</b>	<i>Details of the Meliadine Socio-economic Monitoring Program should be submitted within one (1) year of issuance of the amended Project Certificate. An annual Meliadine socio-economic monitoring report be submitted and shared with the wider Socio-Economic Monitoring Committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Agnico Eagle Kivalliq Projects Socio-Economic Monitoring Program (January 2021).</li> <li>▪ 2020 Annual Report Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> </ul>
<b>90: Closure Planning and Monitoring</b>	<i>The initial results of the analysis should be provided within nine (9) months of the issuance of the amended Project Certificate. Any updates be provided as completed and include plans or details in respect of informing the regional socio-economic committee of these results.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Analysis of the Risk of Temporary Mine Closure (February 2019).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>91: Updated Socio-Economic Management Plan After Risk Plan Submitted.</b>	<i>The required updates to the Socio-Economic Monitoring Program (and the Socio-Economic Management Plan included within the Program) be provided within three (3) months of the completion of the analysis or updates to the analysis of the risk of temporary mine closure. any updates to Socio-Economic Monitoring Program and associated management plan submitted in the annual Meliadine socio-economic monitoring reports and shared with the wider Socio-economic Monitoring Committee.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>▪ The Proponent submitted Analysis of the Risk of Temporary Mine Closure in February 2019.</li> <li>▪ The NIRB requires the Socio-Economic Monitoring Program to detail data collection, analysis and mitigation measures in the closure and post-closure phases.</li> </ul>
<b>EMPLOYMENT</b>			
<b>92: Employment Schedule</b>	<i>Within 6 months of Project Certificate issuance and as required thereafter.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Sent by email to NIRB November 5, 2015.</li> </ul>
<b>93: Registration of Trades Workers</b>	<i>Information included in the Proponent's annual report to the NIRB and shared with the wider regional socio-economic monitoring committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ At the end of 2020, there was two (2) apprentices and pre-apprentices at Meliadine.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>94: Labour Force Analysis</b>	<i>A summary of results and efforts in the annual Meliadine socio-economic monitoring reports and shared with the wider Socio-Economic Monitoring Committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report: Appendix 41 Kivalliq Labour Market Analysis.</li> </ul>
<b>EDUCATION AND TRAINING</b>			
<b>95: Transferable Skills and Certifications</b>	<i>Information included in the annual report with updates in the annual Meliadine socio-economic monitoring reports submitted and shared with the wider Socio-Economic Monitoring Committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> </ul>
<b>96: Listing of formal certificates and licences that may be acquired via on-site training or training during Project employment</b>	<i>The initial listing at least 60 days prior to the start of construction, and annually thereafter or as may otherwise be required.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report Appendix 40: 2020 Training.</li> <li>The NIRB notes that an additional column should be added to the list of training opportunities to note whether they provide any certificates or licences that are transferrable to other employment opportunities.</li> </ul>
<b>97: Monitoring Impacts of Closure</b>	<i>Information included in the annual report and shared with the wider regional socio-economic monitoring committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Analysis of the Risk of Temporary Mine Closure (February 2019).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>98: Monitoring Impacts to Education System</b>	<i>A summary included in the annual Meliadine socio-economic monitoring reports submitted and shared with the wider Socio-economic Monitoring Committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> </ul>
<b>POPULATION DEMOGRAPHICS</b>			
<b>99: Monitoring Demographic Changes</b>	<i>A summary included in the annual Meliadine socio-economic monitoring reports submitted and shared with the wider Socio-economic Monitoring Committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> <li>Also see Term and Condition #101.</li> </ul>
<b>100: Survey of Nunavummiut employees.</b>	<i>A summary included in the annual Meliadine socio-economic monitoring reports submitted to the NIRB and shared with the wider Socio-economic Monitoring Committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> <li>Also see Term and Condition #113.</li> </ul>
<b>101: Employee Origin</b>	<i>A summary included in the annual Meliadine socio-economic monitoring reports submitted and shared with the wider Socio-economic Monitoring Committee.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> <li>Also see Term and Condition #99.</li> </ul>

<u>Term &amp; Condition</u>	<u>Reporting Requirements</u>	<u>Compliance Achievement</u>	<u>Comments</u>
<b>TRADITIONAL ACTIVITY AND KNOWLEDGE</b>			
<b>102: Marine Lake Community Boat Launch</b>	<i>Initial details to be provided prior to commencement of construction of the Discovery spur road. The Proponent shall provide a summary discussion of its implementation of this term and condition, monitoring results, implementation of adaptive management strategies, and updates to relevant plans to the NIRB through the Proponent's annual monitoring report.</i>	Not Yet Active Not Yet Applicable	
<b>103: Community Input into Monitoring</b>	<i>Updated plans submitted 30 days prior to their revision/finalization. A summary discussion of implementation (including the results of monitoring, adaptive management strategies, consultation, and contribution efforts undertaken) in the annual monitoring report. Plans should explain how information will be shared with the wider regional</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>2020 Annual Report Section 11</li> <li>Appendix 37: 2020 Community Engagement Table</li> <li>The NIRB acknowledges that community engagement was difficult in 2020 due to COVID-19 and appreciates Agnico Eagle's increased use of social media to keep community members informed.</li> <li>In future reports it is important to detail how this community engagement not only feeds back into the monitoring program but also how it communicated back to the public.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
	<i>socio-economic monitoring committee.</i>		
<b>NON-TRADITIONAL LAND USE AND RESOURCE USE</b>			
<b>104: Consultation with Outfitting and Guiding Businesses</b>	<i>A summary discussion of implementation (including results of monitoring, adaptive management strategies, consultation, and contribution efforts) in the annual monitoring report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>▪ The Hunter Harvest Survey began in 2020 however the NIRB requires additional detail on outfitting and guiding land use in the area.</li> <li>▪ See also Term and Condition #105.</li> </ul>
<b>105: Hunter Harvest Survey</b>	<i>A summary discussion of implementation (including results of monitoring, adaptive management strategies, consultation, and contribution efforts) in the Proponent's annual monitoring report and shared with the wider regional Socio-Economic Monitoring Committee.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>▪ The Hunter Harvest Survey began in 2020, it is unclear for the information presented, whether any outfitting and guiding businesses were incorporated into the planning of the survey.</li> <li>▪ See also Term and Condition #104.</li> </ul>
<b>CULTURAL, ARCHAEOLOGICAL, AND PALEONTOLOGICAL RESOURCES</b>			
<b>106: Inspection Reporting for Freshet at Bridge Crossings</b>	<i>Evidence submitted in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ <i>2020 Annual Report.</i> Inspection of the bridges occurred at least once per week during the 2020 freshet.</li> </ul>
<b>107: Mitigation of Ice Buildup.</b>	<i>Evidence submitted in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Roads Management Plan, Version 8 (December 2019).</li> </ul>



<u>Term &amp; Condition</u>	<u>Reporting Requirements</u>	<u>Compliance Achievement</u>	<u>Comments</u>
<b>INDIVIDUAL AND COMMUNITY WELLNESS</b>			
<b>108: Counseling and treatment programs</b>	<i>Evidence submitted in the annual report.</i>	Active In Compliance	▪ Appendix 39: 2020 Socio-Economic Monitoring Program Report.
<b>109: Indirect Effects of the Project, to Health and Well-being.</b>	<i>Evidence submitted in the annual report.</i>	Active In Compliance	▪ Appendix 39: 2020 Socio-Economic Monitoring Program Report.
<b>110: Employee Cohesion</b>	<i>Summaries of all cross-cultural training initiatives in the annual Meliadine Socio-Economic Monitoring Report.</i>	Active In Compliance	▪ Appendix 39: 2020 Socio-Economic Monitoring Program Report.
<b>111: Employee Training Opportunities</b>	<i>Evidence submitted in the annual report.</i>	Active In Compliance	▪ Appendix 39: 2020 Socio-Economic Monitoring Program Report.
<b>112: Access to Housing – Home Ownership</b>	<i>Provided the sharing of such information is consistent with and not limited by the terms and conditions of any applicable Inuit Impact Benefit Agreement, these efforts should be reported to the NIRB within the annual Meliadine Socio-Economic Monitoring Report.</i>	Active In Compliance	▪ Appendix 39: 2020 Socio-Economic Monitoring Program Report.

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>COMMUNITY INFRASTRUCTURE</b>			
<b>113: Employee Survey</b>	<p><i>The frequency and content of the survey should be determined by the collaborating parties, but content may include changes to address, housing status (i.e., public/social, privately owned/rented, government, etc.) and migration intentions of Project employees.</i></p> <p><i>Non-confidential results of the survey should be reported to the GN and other members of the Socio-economic Monitoring Committee and summary information of these results should be reported to the NIRB within the annual Meliadine Socio-Economic Monitoring Report.</i></p>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> <li>▪ Also see response to Term and Condition #100.</li> </ul>
<b>114: Financial Literacy and Planning</b>	<i>Evidence submitted in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> </ul>
<b>115: Impacts to Health Services</b>	<i>Evidence submitted in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Appendix 39: 2020 Socio-Economic Monitoring Program Report.</li> </ul>

<u>Term &amp; Condition</u>	<u>Reporting Requirements</u>	<u>Compliance Achievement</u>	<u>Comments</u>
<b>PUBLIC AND WORKER HEALTH AND SAFETY</b>			
<b>116: Air Quality Monitoring</b>	<i>Updated information should be provided at least 90 days following issuance of the amended Project Certificate, and modifications to plans included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Total suspended dust sample monitors were repaired and reinstalled in October 2020. As the majority of 2020 was not captured in the 2020 Annual Report Agnico Eagle provided a mid-year report to provide an update on suspended particulate monitoring at the mine site.</li> <li>See also Terms and Conditions #1 and #5.</li> </ul>
<b>ACCIDENTS AND MALFUNCTIONS</b>			
<b>117: Bypass Road</b>	<i>A summary discussion of implementation (including the results of monitoring, adaptive management strategies, and consultation) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Bypass road completed in 2018 and community meeting commenced and inspection with regulators was completed in 2018.</li> <li>Phase 2 of the All-Weather Access Road to which this would apply has not been constructed.</li> </ul>
<b>118: Ensure monitoring of wildlife presence informs road management and operations.</b>	<i>A summary discussion of implementation (including results of monitoring, adaptive management strategies, consultation, and contribution efforts) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>TEMMP, Version 3 (June 2020).</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>119: Establishing Deterrents Along the AWAR at any areas where it is observed that caribou are attracted to the AWAR and their presence may present a risk of collisions with traffic along the AWAR</b>	<i>The updated plan should be submitted at least 90 days prior to the start of construction. Implementation in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ TEMMP, Version 3 (June 2020). No deterrents are used for caribou on the road as it is closed during migration except for essential vehicles.</li> </ul>
<b>120: Marine Shipping</b>	<i>A summary discussion of implementation in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ 2020 Annual Report. 2020 cargo ships provided.</li> </ul>
<b>121: Monitor the Ingress/Egress of Project Related Ships at Rankin Inlet and Reporting and Monitoring</b>	<i>A summary discussion of implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> </ul>
<b>122: Fuel Transfer Events</b>	<i>A summary discussion of implementation (including the results of monitoring or adaptive management strategies) in the annual monitoring report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> <li>▪ Oil Pollution Emergency Plan, Version 3.1 (April 2020).</li> <li>▪ Appendix 35: Post Oil Transfer Reports.</li> </ul>
<b>123: Spill Response Equipment and Training</b>	<i>Evidence submitted as part of the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>▪ Shipping Management Plan, Version 8 (March 2019).</li> <li>▪ Appendix 16: Mock Scenario Spill Report.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>124: Updated Spill Contingency Plan Specific to a Major Spill Event Occurring on the Bypass Road.</b>	<i>The updated plan be submitted at least 90 days prior to the start of construction. Implementation of these measures and monitoring results included in the annual report. Updates to the Plan, filed as required.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Spill Contingency Plan, Version 8 (March 2019).</li> </ul>
<b>125: Communication of Rules of the AWAR</b>	<i>The updated plan be submitted at least 90 days prior to the start of construction of Phase 2 of the AWAR. Updated plans shall be submitted prior to undertaking transport of saline groundwater from the Meliadine site to the temporary storage tank near Rankin Inlet. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, included in the annual report.</i>	Active Deficient - In Progress	<ul style="list-style-type: none"> <li>Roads Management Plan, Version 8 (December 2019).</li> <li>Regulation and monitoring of traffic on the AWAR with signage and two (2) manned gatehouses (2021 Site Update Report).</li> <li>Appendix 34: 2020 AWAR Usage.</li> <li>The NIRB acknowledges that community consultation was limited and the AWAR was not fully accessible to the public in 2020 due to COVID-19 and expects more details of community consultations on road safety and road rules to be presented in future annual reports.</li> <li>The updated Roads Management Plan, Version 8 (December 2019) references that the AWAR has unrestricted access to the public and that public pick-up trucks are allowed on the road. As public access is only allowed for all-terrain vehicles, the NIRB requests an updated Roads</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
			Management Plan with these references removed.
<b>ALTERNATIVES ANALYSIS</b>			
<b>126: Clear Communication of AWAR Usage</b>	<i>The updated plan should be submitted at least 90 days prior to the start of construction. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>The Proponent has provided: Rules of the Road, public information session requirements and other communication tools, and consultation plans and logs in the Roads Management Plan, Version 8 (December 2019).</li> </ul>
<b>127: Adaptive management Measures for Marine Mammals</b>	<i>The updated plan should be submitted at least 90 days prior to the start of construction. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, included in the annual report.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Shipping Management Plan, Version 8 (March 2019).</li> </ul>
<b>Saline Effluent Disposal New Terms and Conditions</b>			
<b>128: Detailed Design for the Saline Effluent Waterline</b>	<i>To be provided at least 90 days prior to construction of the effluent waterline and diffuser system.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Submitted to the NIRB by Agnico Eagle on February 15, 2019.</li> </ul>

<b><u>Term &amp; Condition</u></b>	<b><u>Reporting Requirements</u></b>	<b><u>Compliance Achievement</u></b>	<b><u>Comments</u></b>
<b>129: Hazard and Operability Assessment of Waterline</b>	<i>To be provided at least 90 days prior to operation of the effluent waterline and diffuser system.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>Submitted to the NIRB by Agnico Eagle on February 15, 2019.</li> </ul>
<b>130: Plan for Waterline at End of Life</b>	<i>Information necessary to support an application for removal of the subsea waterline and diffuser must be provided to the Nunavut Impact Review Board for consideration at least 12 months prior to planned removal.</i>	Not Yet Active Not Yet Applicable	<ul style="list-style-type: none"> <li>The NIRB expects plans for removal of the current subsea waterline and diffuser to be submitted 12 months before removal.</li> </ul>
<b>131: Decision Regarding Annual Open Water for Discharge</b>	<i>A summary of actions taken are to be included in the annual reporting.</i>	Active In Compliance	<ul style="list-style-type: none"> <li>2020 Annual Report. Agnico Eagle noted that the KHTO was engaged for the commencement and ending of open water season for saline effluent discharge.</li> </ul>