



Nunavut Impact Review Board Site Visit Report

Meliadine Gold Mine Project

Agnico Eagle Mines Limited

NIRB File No. 11MN034



November
2022

Report Title: The Nunavut Impact Review Board's 2022 Site Visit Report for Agnico Eagle Mines Limited's *Meliadine Gold Mine Project* (NIRB File No. 11MN034)

Project: Meliadine Gold Mine Project
Project Location: Kivalliq Region, Nunavut
Land Tenure: Inuit Owned Land

Project Owner: Agnico Eagle Mines Limited
Meliadine Mine Site
Rankin Inlet, NU
X0C0G0

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Site visit date: July 26-27, 2022
Last site visit: August 20, 2019

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Cover Photograph: 1) Tiriganiaq 1

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1 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)* and is responsible for post environmental assessment monitoring of a Project in accordance with Part 7 of Article 12 of the *Nunavut Agreement* and s. 135(4) of the *Nunavut Planning and Project Assessment Act*, S.C. 2013, c. 14 (*NuPPAA*).

This report provides the findings that resulted from the NIRB's site visits of Meliadine Gold Mine Project that took place on July 26 and 27, 2022 as well as a summary of the comment and concerns received from community members during the Community Information Session held on July 28, 2022.

1.1 Objective & Purpose of a Public Information Session

Pursuant to the *Nunavut Agreement*, the *NuPPAA*, and the Meliadine Gold Mine Project Certificate 006, the NIRB monitoring responsibilities include providing periodic updates regarding its Monitoring Program for the communities most affected by Agnico Eagle Gold Mines' (Agnico Eagle) Meliadine Gold Mine Project (the Project). The NIRB held a Community Information Session to discuss updates to the Boards monitoring of the Project and to collect community comments, questions, and concerns to form an important part of the NIRB's monitoring program. A summary of the Community Information Sessions is provided in Section 2.3.

1.2 Objectives & Purpose of Site Visits

The objective of the NIRB's site visit was to determine whether, and to what extent the land or resource use in question, is being carried out within the predetermined Terms and Conditions as set out in the amended Project Certificate as issued for the Meliadine Gold Mine Project, in accordance with Section 12.7.2(b) of the *Nunavut Agreement* and s. 135(3)(b) of the *NuPPAA*.

The observations resulting from this site visit shall, wherever possible, be incorporated into the measurement of the relevant effects of the Project, provide the information necessary for agencies to enforce terms and conditions of land or resource use approvals, and will be further used to assess the accuracy of the predictions contained in the project impact statements in accordance with Section 12.7.2 of the *Nunavut Agreement*, and s. 135 (3) of the *NuPPAA*.

1.3 Preparations for the Site Visits

In preparation for the site visit, the Monitoring Officer reviewed the following items: the Meliadine Project Certificate No. 006 Amendment 002; previous Site Visit Reports (where relevant); and Agnico Eagle's 2021 Meliadine Gold Mine Annual Report and associated appendices as well as follow-up correspondence relevant to the monitoring of the approved Meliadine Gold Mine Project.

2 PUBLIC INFORMATION MEETING

The NIRB hosted the information session which consisted of an open house at 3:00 pm and an evening session at 7:00 pm located at the Community Hall in Rankin Inlet with consecutive translation into Inuktitut.

2.1 Advertisements

The NIRB advertised the meeting through radio, poster, and online through Facebook in Rankin Inlet both in English and Inuktitut in the month prior to the meeting.

2.2 Meeting Materials

At the public meeting, the following materials were provided by the NIRB:

Document	Public Registry No
The NIRB's PowerPoint presentation (in English and Inuktitut)	341239
Comment Forms (in English and Inuktitut)	N/A

Copies of the above listed consultation materials can be obtained from the NIRB's online Public Registry at www.nirb.ca/project/125515.

2.3 Summary of the Meliadine Public Information Session

The NIRB's open house session and information session were open to all members of the public with refreshments and snacks provided. All in attendance, including government, industry representatives and media, were asked to sign in and identify the community or organization they represented. No one attended the open house session, and the information session had a recorded attendance of about 10 people.

The NIRB gave a PowerPoint presentation that included discussion of the NIRB process with a focus on the NIRB's monitoring programs; an update on the Project, including an overview of the Meliadine Project activities and key components; and events and/or issues identified through the project specific monitoring programs. The presentation concluded with a discussion as to how interested parties and community members could participate in the NIRB's processes.

Both written and verbal comments were accepted at the meeting as the public was encouraged to ask questions and verbal comments were recorded by the NIRB staff. These comments were categorized by NIRB staff into the following categories: blasting, Terrestrial Advisory Group, caribou, hunting, community engagement, Meliadine Extension, water quality, and employment concerns. These comments helped the Board identify items that need to be addressed or considered throughout the NIRB's monitoring program for the Project.

Subject	Comment
Blasting	Blasting was felt at tent city which is approximately 11 kilometres from mine site
	Question on how often and when the blasting occurs
	The Kangiqliniq Hunters and Trappers Organization noted that they requested the blast reports
	Question on whether Agnico Eagle communicates blasting to the community
	Comment that blasting has a major effect on caribou
	Comment that no blasting should occur during caribou migration
	Comment that the threshold for not blasting when fifty (50) caribou are within one (1) kilometre seems too close and caribou seem to be reacting. Consider changing it to 1.5 kilometres.
TAG	The Terrestrial Advisory Group (TAG) requires funding
Caribou	Caribou like fireweed
	Concern on how mine has handled caribou migration since it began
	Concern that no studies are occurring on caribou migration
Hunting	Local hunters that can't find jobs need to hunt to put food on the table; especially with the high cost of living
Community Engagement	Concerns about the confidentiality of comments as lots of people do not want to be named. Consider doing polls so names remain confidential
	Meetings should be face to face and not held in the summer during hunting season
	The best time for meetings is mid/end of October and November
	Engagement can be done on the local radio
	The local Facebook page should be used
	Short colourful notices could be put in mailboxes
	Suggestion to go into the high schools for engagement
	The NIRB could create videos talking about the Board and NIRB
	Comment that Agnico Eagle's office is unapproachable
	Concerns that promises are often broken leading to people losing interest
	Comment that leadership turnover leads to no one following up on promises
	Concerns that messaging from Agnico Eagle is inconsistent
	Questions on whether Agnico Eagle or the NIRB have Community Liaison Officers
	Suggestion to use the community as a scale for the size of the project footprint
	Comment that the NIRB should advertise for Community Update Sessions at least two (2) weeks before the meeting
Meliadine Extension	Requests for more information on the "Meliadine Extension" Project Proposal
	Requests for alternatives to the "Meliadine Extension" Project Proposal without the inclusion of the windfarm
Water	Concerns about garbage in Meliadine Lake. Questions about who the regulator is for these types of concerns.
Employee Satisfaction	Concerns that only certain families are hired at the mine
	Requests that hiring is expanded and provide awareness of hiring practices
	Concerns of bullying onsite

Subject	Comment
	Question if there are jobs for people with disabilities
KIA	Questions on where the money goes that is given to the Kivalliq Inuit Association (KIA) by Agnico Eagle
NIRB	Note that the translation for the NIRB name is not correct
	Question on how often the NIRB completes a site visit
Road Safety	Comment that the “No Trespassing” sign is missing words in Inuktitut

3 MELIADINE GOLD MINE SITE VISIT

3.1 Overview of Site Visit

The 2022 site visit was conducted by one (1) of the NIRB’s Monitoring Officers for the Meliadine Project, Ms. Kelli Gillard, Manager, Project Monitoring (NIRB staff). On the morning of July 26, 2022, Ms. Gillard was met at the Manned Gate on the All-weather Access Road (AWAR) and escorted to the Meliadine Mine site. Upon reaching site, Ms. Gillard was tested for COVID-19 and awaited test results at the assigned room. Once the results confirmed Ms. Gillard was negative, Ms. Sara Savoie, Environment General Supervisor and Anne-Laurence Paquet, Compliance Specialist, escorted Ms. Gillard around the Meliadine Mine Site. Mr. Randy Schwandt, Environmental Coordinator, took on portions of the tour over the two (2) days Ms. Gillard was on site when Ms. Savoie and/or Ms. Paquet were unavailable. Mr. Schwandt also escorted Ms. Gillard along the AWAR and through the Itivia Site on the afternoon of July 27, 2022. During the tour, NIRB staff and Agnico Eagle Staff also discussed the Meliadine Project in general and specific items related to the Project Certificate. Areas visited are outlined in the table below.

Table 1: Meliadine Site Visit Tour

All-weather access road sites	Meliadine sites	Itivia sites
New Manned Gatehouse	Water intake area	Bypass road including: <ul style="list-style-type: none"> Snowmobile crossing
Bridge	Camp infrastructure	Fuel tankfarm
Dustfall monitoring station	Landfarm	Laydown area and marshalling facility
	Fuel tank storage areas	Saline discharge area
	Incinerator	Community barge area
	Landfill and waste management areas	Snowmobile crossing at laydown area
	Waste rock storage facility	
	Tailings storage facility	
	Entrances to both portals	
	Laydown areas	
	Water treatment facilities	
	Saline water ponds	
	Contact water ponds	
	Exploration site	
	Tiriganiaq 1 Pit	
	Tiriganiaq 2 Pit	

All-weather access road sites	Meliadine sites	Itivia sites
	Explosives storage	
	Water discharge Area	
	Revegetation trial plots	

3.2 Meliadine Gold Mine Project Overview

The Meliadine Gold 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 connected by a single lane all-weather access road (AWAR). There are five (5) separate deposits that the Proponent plans to develop in a phased approach. Phase 1 is focused on the Tiriganiaq deposit, which will include two (2) open-pit and one (1) underground mine. Phase 2 will make the AWAR a two-lane road with appropriate turn offs and allow Agnico Eagle to open the AWAR to the public and the spur to the south side of Meliadine Lake. Further, this phase would also include the construction of a twinned road and development of a spur road to the Discovery deposit in 2024.

[Figure 1](#) and [Figure 2](#) provide a layout of the Meliadine Mine Site, and the marshalling facility at Rankin Inlet.

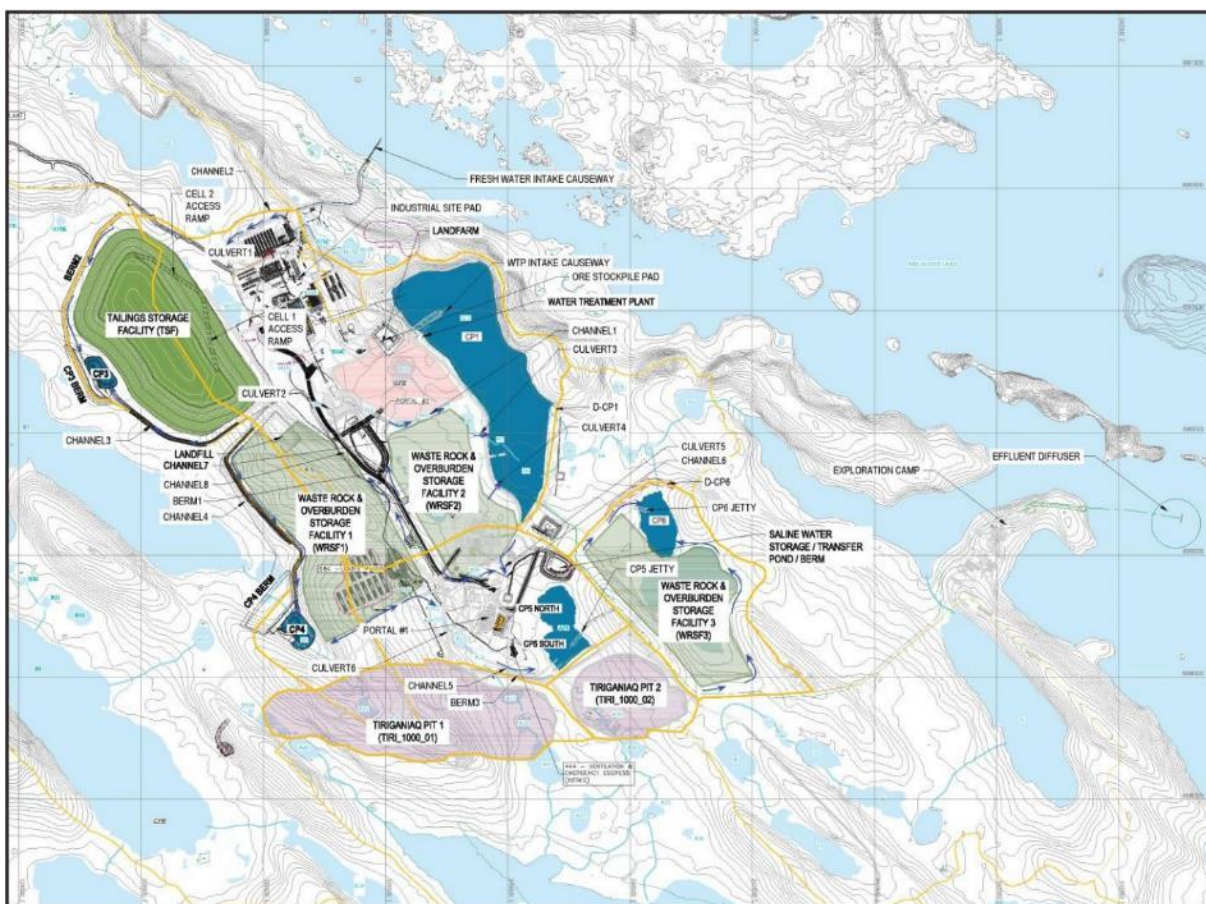


Figure 1: Meliadine Mine Site (from Agnico Eagle’s 2018 Annual Report; Figure 1)

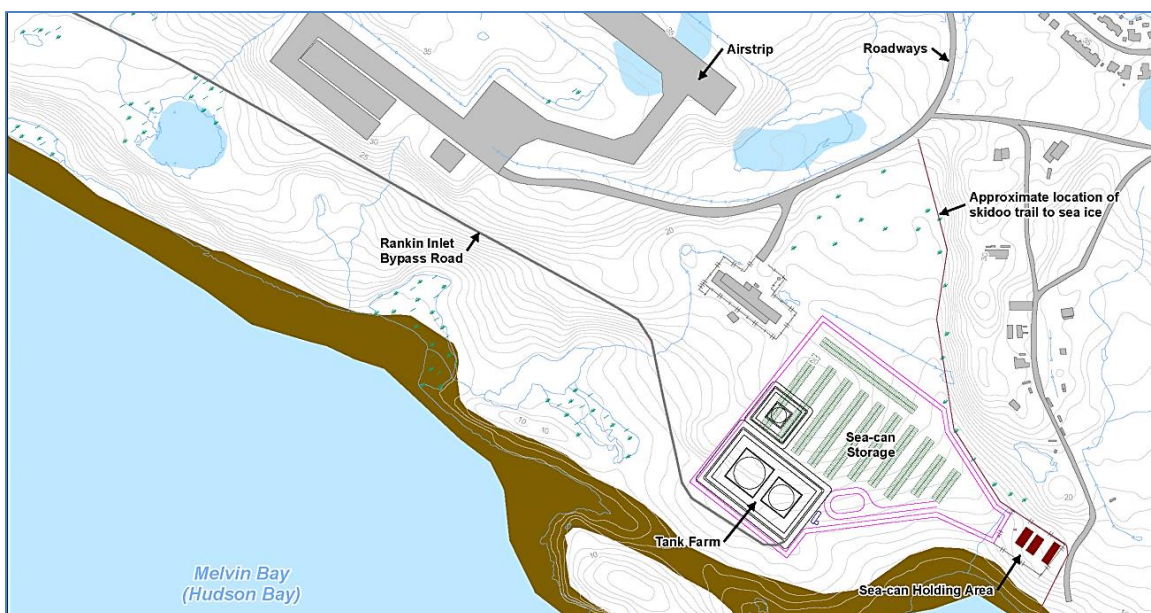


Figure 2. Overview of the Itivia site, bypass road, and community snowmobile trail.
Source: Agnico Eagle's Roads Management Plan for Meliadine (March 2017).

Meliadine Modifications

Title (Years Active)	Project Dashboard	Modification
Meliadine Gold Mine (2015-2022)	www.nirb.ca/project/124106	The original Meliadine Assessment and all information regarding the trucking of saline groundwater from the mine site into Itivia Harbour at a rate of 800 m ³ /day
Saline Effluent Discharge to the Marine Environment (2022-present)	www.nirb.ca/project/125515	Transport the water via waterline at a rate of up to 20,000 m ³ /day

Current Assessment

For information regarding the NIRB's current Meliadine Extension assessment, please use the following link for the NIRB's Public Registry: www.nirb.ca/project/125684.

3.3 Site Observations

The following are observations made during the site visit and where observations are relevant to a specific term or condition, the term and condition will be referenced in after the observation. A summary of NIRB's observations included in Appendix A of this report.

3.3.1 Itivia Harbour

The following observations were made at the Itivia harbour:

- a) Container ships that are associated with the Meliadine project anchor just inside or just outside of Melvin Bay and dry cargo is lightered to shore on tug-barges, then unloaded using the gravel ramp in Itivia harbour. Agnico Eagle was not receiving materials or fuel at the time of the NIRB's site visit (see [Photo 1](#)).



Photo 1: Overview of Itivia Site

- b) The Itivia site was well organized and ready for the next load. Agnico Eagle's fuel barge had filled the fuel tanks and fuel trucks were taking fuel to site. ([Photo 2](#) and [Photo 3](#)).

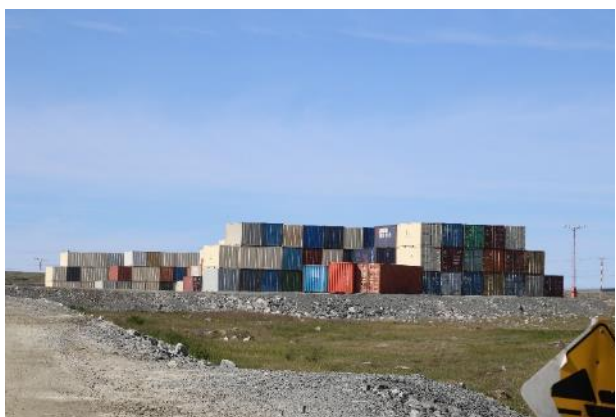


Photo 2. Organized Seacans



Photo 3. Fuel Trucks Moving Fuel to Meliadine

- c) It was observed that the signage on the seacan wall was updated and clearly noted to the community the public dock access and the Agnico Eagle barge area (see [Photo 4](#)).
- d) The Saline Water Discharge tank was installed at the Itivia site (see [Photo 5](#)); however, in 2022 Agnico Eagle is storing the saline groundwater in Tiriganiaq 2 instead of trucking and discharging to Itivia Harbour. (Term and Condition 25)
- e) The snowmobile crossings within Agnico Eagle's Itivia area appeared to be in good repair (Photo 6).



Photo 4. Seacan Wall at Itivia and Huts for Monitoring Unloading of the Sealift.



Photo 5: Saline Water Discharge Tank



Photo 6: Snowmobile Crossing on Bypass Road

3.3.2 Bypass Road

The Bypass Road is intended to connect Itivia Harbour with the AWAR to reduce/eliminate mine traffic going through the Hamlet of Rankin Inlet and was completed in October 2018 and the road includes a snowmobile crossing to allow access Itivia Bay. The following observations were made along the Bypass Road:

- a) The Bypass Road had clear signs noting that the road is private in both English and Inuktitut (see [Photo 7](#) and [Photo 8](#)) (Term and Condition 125c).



Photo 7: Bypass Road



Photo 8: Signs in English and Inuktitut on the Bypass Road

3.3.3 All-weather Access Road

A single gatehouse is now on the AWAR and has been relocated closer to the mine at a new location selected by the Kangiqliniq Hunters and Trappers Organization and the community. This Gatehouse maintains a log of mine related traffic and passing all-terrain vehicles (ATVs) (see [Photo 9](#) and [Photo 10](#)). Only private ATVs are allowed on the AWAR and are required to sign in and out and are asked where they are heading and how far they are planning to travel up the AWAR for safety reasons. No other private vehicles are currently allowed on the AWAR. The following observations were made along the AWAR:

- a) The new Gatehouse has cameras to monitor for caribou and is better situated to observe caribou around site. The Gatehouse was relocated as Rankin Inlet wanted better access to the berries that were at the previous gatehouse. This also allows traffic to be monitored closer to the mine site and community members better access to an area important to them. (Terms and Conditions 38 and 125a)
- b) The NIRB staff noted that the environmental emergency seacans were located at or near all bridge crossings (see [Photo 11](#)).
- c) Agnico Eagle continues to apply TETRA flakes (calcium chloride) on all portions of the AWAR it manages as well as continues to monitor for dust. (Terms and Conditions 1 and 3)
- d) The AWAR also has traffic signs in both Inuktitut and English as well as speed signs.



Photo 9. New Gatehouse on the All-weather Access Road.



Photo 10: Gatehouse – Closed Gate at Gatehouse



Photo 11: Emergency Response Spill Seacan

3.3.4 Mine

The following observations an/or photos were made at the mine site; however, some areas were viewed from the road for safety reasons:

Explosives Area

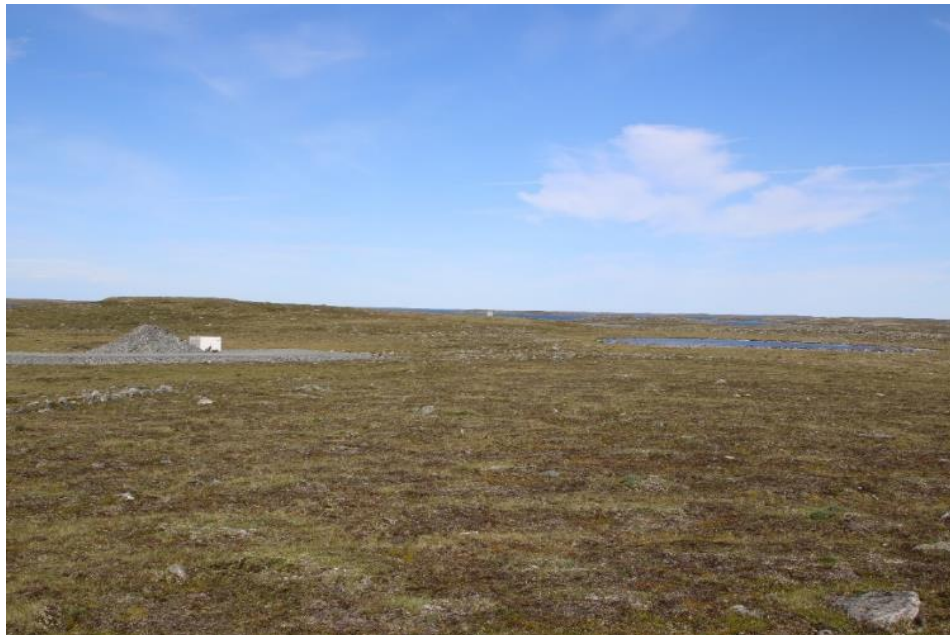


Photo 12: Magazine and Explosives Storage Area – Photo 1



Photo 13: Magazine and Explosives Storage Area – Photo 2



Photo 14: Explosives Mixing Pad

Cyanide Storage Pad



Photo 15: Cyanide Storage Pad

Contractor Pad

NIRB and Agnico Eagle drove through the Storage Pad and items were in order and the pad appeared in good repair.



Photo 16: Contractor Storage Pad

Dry Stack Tailings

The NIRB staff also visited the Tailings Storage Facility (dry stack) located west of the mine site. [Photo 17](#) is the Tailings Storage Facility in 2019 and [Photo 18](#) is what the facility looked like in 2022.



Photo 17: Meliadine Tailings Storage Facility (2019)



Photo 18: Meliadine Tailings Storage Facility (2022)



Photo 19: Dry Stack Tailings from South Side from Containment Pond 3

Waste Rock Storage Pile



Photo 20: Waste Rock Storage Pile looking west from Viewpoint at Tiriganiaq 1

Tiriganiaq Pit 1



Photo 21: Tiriganiaq Pit 1 – North half of Pit



Photo 22: Tiriganiaq Pit 1 – South half of Pit



Photo 23: Permanent Viewpoint on West side of Tiriganiaq Pit 1

Tiriganiaq Pit 2

- Tiriganiaq Pit 2 is where Agnico Eagle is currently storing its saline groundwater onsite. Agnico Eagle informed NIRB staff that no trucking of saline groundwater for discharge into Itivia Harbour would happen in 2022.



Photo 24: North Half of Tiriganiaq Pit 2



Photo 25: South Half of Tiriganiaq Pit 2

Landfarm at Main Site



Photo 26: Windrows of Contaminated Soil



Photo 27: Inside the Landfarm looking towards the Mill



Photo 28: Water Collection Area in Landfarm



Photo 29: Contaminated Water Separation Seacan (Oil Filter)



Photo 30. Contaminated Soil Separation Area – Screening for large rocks etc.

Landfill and Incinerator

NIRB staff observed the current landfill. Once filled, this location would be buried in the Waste Rock Pile like at Agnico Eagle’s other Kivalliq mine site and a new landfill started (see [Photo 31](#)).



Photo 31. Landfill within the Waste Rock Pile.

NIRB staff were informed that the incinerator was functioning much better than it had in previous site visits (see [Photo 34](#)). (Term and Condition 4)

All items were sorted appropriately (items not suitable for landfill) and nothing was left outside of the incinerator and/or the seacans that could be an attractant to wildlife. (Term and Condition 75)



Photo 32: Seacans for Sorting Waste for Incinerator or Shipping South



Photo 33: Metal Waste Awaiting Placement in Seacan



Photo 34: Meliadine Incinerator

Fuel Tankfarms #1 and #2

During the site visit, NIRB staff noted that both Fuel Tankfarms and the smaller fuel storage tanks located at various locations around the mine site were within appropriate secondary containment. Further, fuel storage tanks appeared to be handled in a safe and environmentally protective manner. Fuel Tankfarm #1 was commissioned since the last site visit and Fuel Tankfarm #2 was also operating (see [Photo 35](#) through [Photo 38](#)).



Photo 35. Fuel Tankfarm #1 Transfer Station



Photo 36. Fuel Tankfarm #1.



Photo 37. Fuel Tankfarm #2 Transfer Station.



Photo 38. Fuel Tank Farm #2.

Containment Ponds



Photo 39: Containment Pond 1 looking at Water Intake Causeway



Photo 40: Dike at East End of Containment Pond 1



Photo 41: Waterlines for Moving Water to and from Containment Pond 1

Saline Ponds



Photo 42: Saline Pond 3 – Being Used for Studies in 2022

Reverse Osmosis



Photo 43: Reverse Osmosis Processing Facility



Photo 44: Saline Pond 1



Photo 45: Pump to Move Water from Saline Pond 1 to Reverse Osmosis Facility

Water Treatment Plants



Photo 46: Water Treatment Plants by Containment Pond 1



Photo 47: Saline Water Treatment Plant (not used since March 2020)

Water Intake and Discharge



Photo 48: Treated Water Discharge into Meliadine Lake by Exploration Camp



Photo 49: Water Intake from Meliadine Lake by Main Camp

Underground Portals



Photo 50: Portal One – Original Ramp to Underground



Photo 51: Portal 2 – Main Portal to Underground



Photo 52: Signage Around Portal 2



Photo 53: Signage Around Portal 2

3.3.5 Miscellaneous



Photo 54: Waterline Stored at Site on Laydown Area



Photo 55: Weather Station at Site Beside Meliadine Camp on the Road to the Water Intake



Photo 56: Information on the Dash of Vehicles

3.3.6 Camp



Photo 57: Walking Trail Along Road to Water Intake



Photo 58: Horseshoe Pit at Meliadine Camp



Photo 59: Workout Room at Meliadine Camp



Photo 60: Gym Bulletin Board



Photo 61: New Gym Facility at Meliadine Camp finished since Last Site Visit

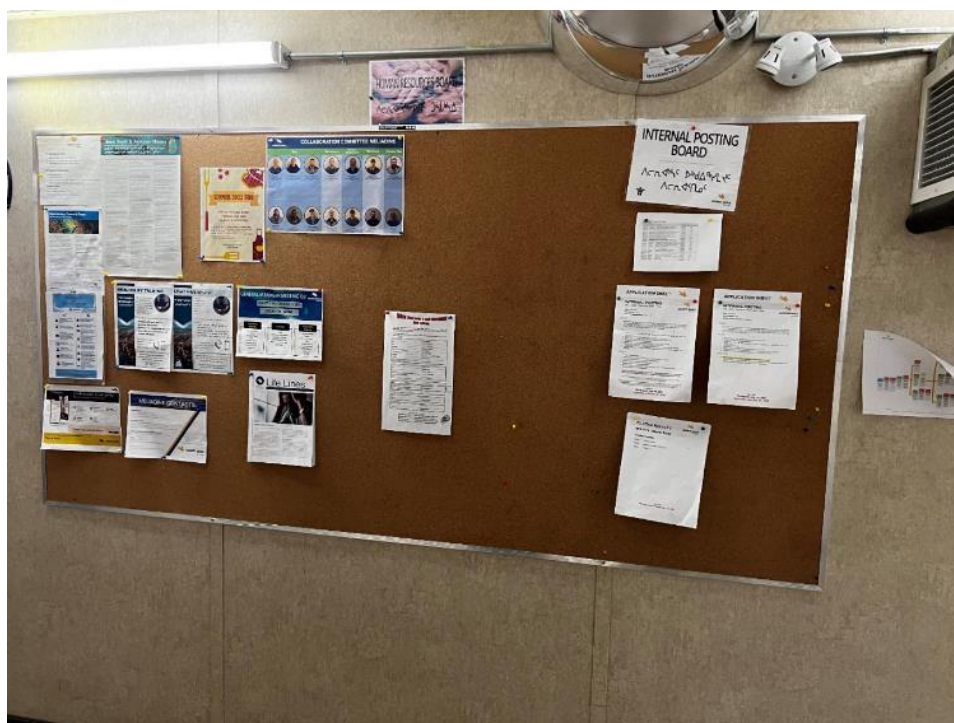


Photo 62: Human Resources Bulletin Board in Hallway at Meliadine Camp

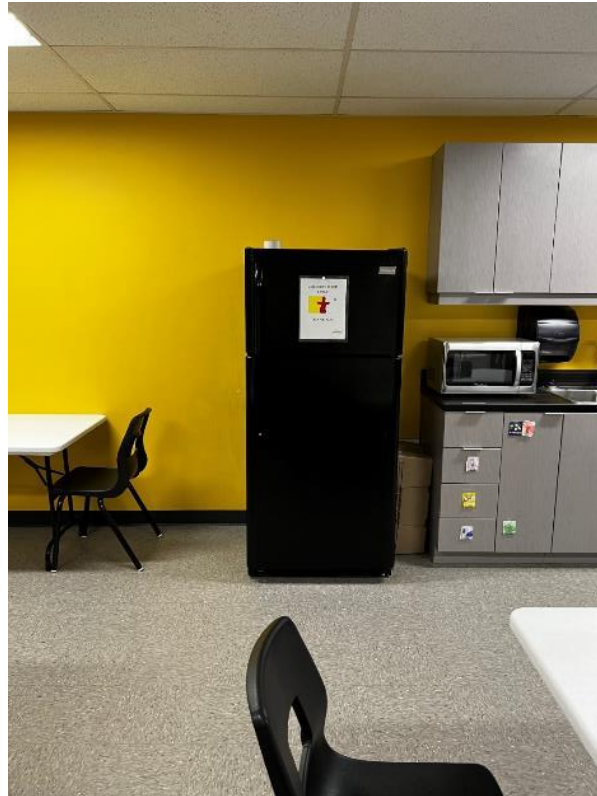


Photo 63: Country Food Kitchen



Photo 64: Country Food Kitchen at Meliadine Camp



Photo 65: Wildlife Posters Seen Throughout Camp



Photo 66: Plexi-glass Required in Dining Area due to COVID-19



Photo 67: Signs in the Dining Area for Surveys

3.3.7 Exploration Camp

The 200-person exploration camp was decommissioned and only the accommodations trailers remain active as additional bed space for Agnico Eagle when required (see [Photo 68](#)).



Photo 68. Exploration mine camp at Meliadine (2019)



Photo 69: Exploration Camp Area looking SW (2022)



Photo 70: Exploration Camp Looking NW (2022)

- The site visit viewed the exploration/temporary fuel tank storage farm and temporary landfarm. The tanks have been removed and is now a landfarm and remediation is underway (see Photo 72).



Photo 71. The Temporary Landfarm and Laydown Area by Exploration Area



Photo 72: Temporary Landfarm by Exploration Area, Former Temporary Fuel Storage Area

4 SITE OBSERVATIONS BASED ON NIRB PROJECT CERTIFICATE NO. 006

Terms and Conditions 16 and 28: Sedimentation and Erosion Control

The NIRB observed erosion fences around the Meliadine Site, and this was an area that should be assessed for effectiveness of the fence and if any repairs are required.



Photo 73: Ditch by Construction Laydown Area



Photo 74: Erosion Fences by Construction Laydown Area

Condition 41: Reclamation and Revegetation

NIRB and Agnico Eagle staff visited the test plots that are used as part of a revegetation trial in collaboration with the University of Saskatchewan through a Natural Sciences and Engineering Research Council of Canada Collaborative Research and Development grant received in June 2019 (see [Photo 75](#)).



Photo 75: Test plots Area 1



Photo 76: Test Plots Area 2

Term and Condition 48: Management of A WAR During Caribou Migration

The NIRB saw that the flags had been taken down along the road to limit disturbance to caribou when they are in the area. Flags will remain down until later in the fall when they will be put up again to help with navigation on the A WAR in the winter.



Photo 77: Poles with Removed Flags on the A WAR

Terms and Conditions 61 & 74: Bird Deterrents

Agnico Eagle discussed challenges it has had with installing bird deterrents at the site. This year they tried installing bird scare balls and had the most success with those. The kestrel kites were attacked by gulls in the area and so did not assist with deterring nesting.



Photo 78: Bird Scare Ball for Deterring Ground Nesting

5 RECOMMENDATIONS AND DIRECTION

Based on the observations made during this site visit, all Meliadine facilities and sites in operation and/or are under construction continue to appear to be well managed, and generally are maintained with adequate environmental protection measures and procedures in place. The Monitoring Officer noted the following successes at the Meliadine site facilities:

- The cleanliness of site and the Sunday Clean-up initiative
- Segregation and storage of all domestic, hazardous, and combustible wastes appear to be conducted appropriately.
- The improvement of the Incinerator.
- Dust suppression applied along all the Awar which Agnico Eagle manages.

Agnico Eagle appears to be in compliance with a majority of the terms and conditions contained within the Meliadine Gold Mine Project Certificate No. 006; however, there may be certain situations in which the Proponent has not yet fully met the requirements of the Project Certificate, and which require further consideration and attention. The Monitoring Officer will be looking at the following during the next site visit:

- Erosion Control Fences along the ditches at site.

6 CONCLUSION

Overall, Agnico Eagle appears to be in compliance with the majority of the terms and conditions contained within the Meliadine Gold Mine Project Certificate No. 006.

Prepared by: Kelli Gillard PAg, CTAJ
Title: Manager, Project Monitoring
Date: November 29, 2022

Reviewed by: Keith Morrison
Title: Manager, Impact Assessment
Date: November 29, 2022

Signature:



Signature:



APPENDIX A: 2022 NIRB Site Visit Observations for Select Terms and Conditions for the Meliadine Gold Mine Project

T&C No.*	Topic	Site Observations
Biophysical Environment		
Air Quality		
1	Updated Air Quality Monitoring Plan	<p>a) Air and partisol monitoring stations have been in place at two (2) stations around the Meliadine Mine Site since 2017.</p> <p>b) As in previous years, Agnico Eagle staff noted that dust sampling stations were placed at multiple locations along the AWAR at various distances from both sides of the road in two (2) duplicate transects to monitor dust deposition distance from the road.</p> <p>c) Agnico Eagle has applied calcium chloride on the portions of the AWAR that they manage as well as the Bypass Road.</p> <p>d) Speed limits were observed to be followed by Agnico Eagle employees</p>
2	Emissions Monitoring	
3	Dust Management and Monitoring Plan	
4	Air Quality – Incinerator Management Plan	NIRB saw the incinerator and the sorting of waste around the incinerator. The area was well organized, and no materials were piled at the facility.
Noise and Vibration		
11	Monitoring at Accommodation Sites	NIRB observed the camp site and discussed monitoring with the additional accommodations being installed during the site visit.
Terrestrial Environment		
16	Erosion Management Plan	NIRB noted some erosion fences needed repairs and discussed this with Agnico Eagle. Will follow up in 2023.
17	Permafrost Integrity	Monitoring of permafrost was not discussed during the 2022 site visit but will be discussed in 2023
19	Tailings and Waste Rock Monitoring Program	NIRB viewed the facilities and discussed with Agnico Eagle the current program and anticipated steps in 2022
Hydrogeology and Groundwater		
25	Groundwater Management Plan/Adaptive Management Plan	In 2022 Agnico Eagle discussed at site that underground saline water is pumped to Tiriganiaq 2 for storage rather than being trucked for discharge into Itivia Harbour.
Hydrology and Sediment Quality		
28	Sediment and Erosion Management	NIRB noted some erosion fences needed repairs and discussed this with Agnico Eagle. Will follow up in 2023.

T&C No.*	Topic	Site Observations
29	Water Infrastructure Monitoring	NIRB observed culverts around site but did not discuss with Agnico Eagle. Will follow up in 2023
Freshwater Aquatic Environment		
31	Setbacks	During the 2022 Site Visit the NIRB did not observe any areas where quarries were too close to fish-bearing or permanent water bodies but will continue to observe in 2023
32	Site Drainage and Silt Control Plan	NIRB observed the site and did not note any areas of concern in 2022.
Vegetation		
36	Invasive Species	Current protocol to ensure that vehicles are not bringing in any invasive species to site is to inspect all vehicles prior to receiving at the barge in Quebec. NIRB will follow up with Agnico Eagle in 2023 to see documentation at site.
37	Monitoring for Invasive Species	NIRB and Agnico Eagle discussed the current protocol and ongoing discussions regarding native species that are currently being investigated.
38	Updated Baseline and ongoing monitoring	NIRB and Agnico Eagle discussed how the manned gate was relocated to its current location to allow berry picking at the previous location.
42	Closure and Reclamation Plan	NIRB viewed the revegetation plot trials established by the University of Saskatchewan
Terrestrial Wildlife and Wildlife Habitat		
48	Management of road access during caribou migration.	As in previous years, Agnico Eagle discussed at site that it worked closely with the Kivalliq Inuit Association and the Kangiqliniq Hunters and Trappers Organization to ensure mine traffic did not impact large aggregations of caribou. NIRB noted that road flags were removed during the summer along the Awar to limit disturbance to caribou.
54	Movement of Wildlife	The Awar is constructed to allow safe passage of caribou. The waterlines were not installed during the 2022 site visit and therefore observations on accessibility for wildlife were not required.
Birds and Bird Habitat		
58	Awareness	Wildlife deterrents were observed during the site visit and the bird scare balls were effective in 2022. Agnico
59	Species at Risk	
61	Installation of nesting deterrents	

T&C No.*	Topic	Site Observations
62	Protection of nests found with a buffer zone	Eagle noted during the site visit that kestrel kites were not an effective deterrent at site. Wildlife deterrents are removed during the fall season and re-installed during the spring season to prevent damage during the winter season.
72	Minimize impact to sensitive bird species	
74	Minimize impact of project activities on water birds	
75	Minimize impact of predatory species on nesting birds	As in previous years, Agnico Eagle continues to work with the Government of Nunavut - Department of Environment to find ways to deter foxes that are attracted to the site. Agnico Eagle re-iterated that employees are made aware of the Wildlife Policy and that feeding of any wildlife is prohibited. Wastes not in the landfill were sorted and secured in seacans or other closed containers for future disposal at southern locations.
Marine Environment		
77	Spill Prevention	As in previous years, spill kits were observed at various locations across the Project, including at road-side quarries, emergency sea cans on the side of the AWAR, and adjacent to fuel storage areas. Agnico Eagle also noted that trucks were equipped with spill response materials
Socio Economic Environment		
Education and Training		
95	Transferable skills and training	The NIRB observed posters on the walls and listings of opportunities for training
Population Demographics		
99	Monitoring demographic changes	Agnico Eagle had QR codes posted in the lunch room for scanning and answering surveys in both English and Inuktitut
100	Survey of Nunavummiut Employees	Agnico Eagle had QR codes posted in the lunch room for scanning and answering surveys in both English and Inuktitut
Individual and Community Wellness		
108	Counseling and treatment programs	Agnico Eagle had information posted throughout the camp to make information accessible both in English and Inuktitut
Accidents and Malfunctions		
123	Marine shipping-spill response equipment and training prior to project shipping	The NIRB did not discuss with Aginco Eagle in 2022 but will follow up in 2023 to look at location of equipment at Itivia Harbour.

T&C No.*	Topic	Site Observations
125	Measures to protect public and mine traffic on all Project roads including the AWAR.	<ul style="list-style-type: none"> a) One (1) manned gate was operational and recording traffic, including ATVs. b) All public traffic is required to check-in with the employee at the gatehouse prior to proceeding on the AWAR. c) Road signs were posted in English and Inuktitut indicating access and safety requirements of AWAR. d) Observed speed limit signs along the AWAR.

*Project Certificate No 006, Amendment 002, March 2022