

**Appendix 1-A: Evaluation of Change Associated with Operational Update**

Scope Activity	Evaluation of:			Is the Operational Update activity included in the previous approved scope of the Meliadine Mine assessment?	Is there an Existing NIRB Certificate Requirement Related to the Optimization? Are amendments to Project Certificate required for optimization to proceed?	Is this a Type A Water Licence:		
	Type of Change <i>Is the modification or change a new type of work or activity compared to the permitted works and activities?</i>	Location of Change <sup>(a)</sup> <i>Is the modification or change (whether work or activity) outside of the location previously assessed?</i>	Cumulative Effect <i>Are the changes, when considered cumulatively as well as individually, likely to substantively alter the residual impact predictions previously assessed in the NIRB approval process?</i>			Requirement for NWB Written Notification of Project Modification under Part G of the Type A Water Licence	Requirement for NWB Written Notification of Design Details under Part D of the Type A Water Licence	Requirement for NWB Amendment of existing Type A Water Licence Terms and Conditions for Optimization to Proceed
<b>Mining and Deposits</b>								
Operational Life of Mine	No. This is not a new type of work or permitted activity. Agnico Eagle will continue to use the Mine's existing facilities. <u>Optimization:</u> Ability to use existing infrastructure at the mine. Continuing mining using existing approved infrastructure	No. The activity is within the previously assessed footprint.	The combined residual effect, when added to the previous assessment, does not alter the residual impacts previously assessed.	Yes	n/a	No	No	No
Mining	No. This is not a new type of work or permitted activity. Agnico Eagle will continue to use the Mine's existing facilities. <u>Optimization:</u> Underground and Open Pit mining at approved deposits	No. The activity is within the previously assessed footprint.	The combined residual effect, when added to the previous assessment, does not alter the residual impacts previously assessed.	Yes	Yes; PC No.006 T&C 25, 26 These terms and conditions will continue to be applied by Agnico Eagle to this activity per current requirements.	No	No	No
<b>Waste Infrastructure and Management</b>								
On-site Fuel	No. This is not a new type of work or permitted activity. Agnico Eagle will continue to use the Mine's existing facilities. <u>Optimization:</u> Addition of fuel storage tanks at Pump, F Zone, and Wesmeg to support mining. Total onsite fuel storage of 20 ML	No. The activity is within the previously assessed footprint.	The combined residual effect, when added to the previous assessment, does not alter the residual impacts previously assessed.	Yes	Yes; PC No.006 T&C 7, 35, 124 These terms and conditions will continue to be applied by Agnico Eagle to this activity per current requirements.	No	Yes. Notification to NWB as per 2AM-MEL1631, Part D, Item 1	Yes
Domestic Waste	No. Management of domestic waste is not a new type work or permitted activity. <u>Optimization:</u> Include a composter on-site to reduce fuel consumption and overall greenhouse gas emissions	No. The activity is within the previously assessed footprint.	The combined residual effect, when added to the previous assessment, does not alter the residual impacts previously assessed.	Yes	Yes; PC No.006 T&C 4, 9 These terms and conditions will continue to be applied by Agnico Eagle to this activity per current requirements.	Yes	Yes. Notification to NWB as per 2AM-MEL1631, Part D, Item 1	No
<b>Water Infrastructure and Management</b>								
Freshwater Withdrawal	No. This is not a new type of work of permitted activity. <u>Optimization:</u> Increase total freshwater use to support continuation of site activities to 1,112,296 m <sup>3</sup> /year.	No. The activity is within the previously assessed footprint.	The combined residual effect, when added to the previous assessment, does not alter the residual impacts previously assessed.	Yes	Yes; PC No.006 T&C 30, 31, 32, 33, 34 These terms and conditions will continue to be applied by Agnico Eagle to this activity per current requirements.	No	No	Yes
Water Management	No. This is not a new type of work or permitted activity. Agnico Eagle will continue to use the Mine's existing facilities. <u>Optimization:</u> Utilized mined out pit FZone02 Pit for storage of contact water.	No. The activity is within the previously assessed footprint.	The combined residual effect, when added to the previous assessment, does not alter the residual impacts previously assessed.	Yes	Yes; PC No.006 T&C 25 These terms and conditions will continue to be applied by Agnico Eagle to this activity per current requirements.	Yes	No	No

Meliadine Scope of Activities

Scope Activity	Approved Meliadine Mine (2014 FEIS, PC Amendments 1 and 2)	Approved Meliadine Water Licence (2024 Amendment)	Meliadine Operational Update for 2026 Water Licence Amendment
<b>Waste Infrastructure and Management</b>			
Domestic Waste	On-site facilities: landfill within WRSF, incinerator, landfarms	No change	No change
Hazardous Waste	Material segregated at site; shipped to approved disposal location in the south	No change	No change
Ore Processing	Mill rate of 8,500 tonnes per day	No change	No change
Tailings	Final tailings transported directly to impoundment area through pipeline as pumped slurry 2016 Type A Water Licence includes dry stack tailings up to 15.4 Mt Approved limit of 37.8 Mt with NIRB	Capacity to 20.6 Mm3 (33.99 Mt)	No change to TSF. Inclusion of a temporary, controlled external storage pad adjacent to the Church, for contingency use only under upset conditions
Ore Stockpile	Ore pads near crusher to temporarily store ore before fed to mill	Stockpiled in temporary stockpiles by Pump, F Zone, and Discovery, then brought to approved stockpiles located near crusher	Stockpiled in temporary stockpiles adjacent to underground portals, then brought to approved stockpiles located near crusher
Waste Rock	<ul style="list-style-type: none"> <li>B7 WRSF (East, South and West) located in U-shape around Tailings Storage Facility, north of the Tiriganiaq deposit</li> <li>WRSF3 located east of Tiriganiaq Pit 2</li> <li>B4 WRSF located west of Wesmeg and Pump deposits</li> <li>A45 WRSF located south of F Zone deposit</li> <li>Discovery WRSF located east of the Discovery deposit - NPAG cover</li> </ul> Total waste rock storage capacity at 378.3 Mt	<ul style="list-style-type: none"> <li>WRSF1</li> <li>WRSF3</li> <li>WRSF6 (Pump)</li> <li>WRSF7 (F Zone)</li> <li>WRSF9 (Discovery)</li> </ul> Total estimated waste rock storage at 179.6 Mt	No additional WRSFs Pump Underground waste rock will be temporarily stored in salt waste rock piles before being brought back underground
<b>Water Infrastructure and Management</b>			
Freshwater	Freshwater from Meliadine Lake Freshwater for dust suppression from small lakes and ponds close to road and/or Meliadine River Assessed freshwater needs at 2,168,100 m <sup>3</sup> /year	Operations freshwater use of 1,100,296 m <sup>3</sup> /year <ul style="list-style-type: none"> <li>Camp use: 73,000 m<sup>3</sup>/year</li> <li>Mill: 652,000 m<sup>3</sup>/year</li> </ul> Closure freshwater use of 8,676,481 m <sup>3</sup> /year	Increase total freshwater use of 1,112,296 m <sup>3</sup> /year which is within assessed freshwater total of FEIS, to include additional camp use.
Water Management	<b>Infrastructures</b> Dikes, berms, diversion channels built as needed to manage water from site Surface contact water and saline water managed separately <b>Contact Water</b> Contact water from developed areas (e.g., pits, WRSF, TSF) intercepted and conveyed to collection ponds for temporary storage and eventually CP1 Contact water within CP1 used to satisfy mill process water make-up requirements, with excess water treated using the Effluent Water Treatment Plant, if required, and discharged to Meliadine Lake <b>Saline Water</b> Use of saline ponds to collect underground water. After treatment, water is conveyed to Itivia Harbour for discharge into the receiving environment. <b>Treatment</b> EWTP (TSS), STP (BOD, TSS, bacteria), Saline Effluent Treatment Plant (TSS, ammonia) and Reverse Osmosis (TDS) Plant used to treat water	Additional water management structures at Pump, F Zone, Wesmeg, Discovery Addition of Saline Pond SP6 Dewatering of lakes/ponds to support mining at Pump, F Zone, Wesmeg, and Discovery deposits Water collected at the Discovery site conveyed via truck to the SETP-WTC	No change to water management objectives and priorities. As through the approved 2025 modification, will include use of F Zone pit for water storage.

Scope Activity	Approved Meliadine Mine (2014 FEIS, PC Amendments 1 and 2)	Approved Meliadine Water Licence (2024 Amendment)	Meliadine Operational Update for 2026 Water Licence Amendment
<b>General Site Activities</b>			
Life of Mine	2019 to 2031	No change	Continue mining Operations to 2036, closure 2037-2043, post-closure 2044+
Site Access	AWAR, bypass road, and marine barging; Discovery Road + access roads to deposits; Rankin Inlet's airstrip for "fly-in/fly-out" employees	No change	No change
Rankin Inlet Infra. – Fuel Storage, Port Facility, Laydown	Fuel tank farm: store up to 80 ML of diesel fuel Saline effluent diffuser: discharge at Itivia Harbour	Increase Itivia fuel tank farm capacity to 80 ML	No change
Power	Diesel fuel generated power plant	No change	No change
Open Pit Mining	Open pit mining at Tiriganiaq, Wesmeg, Pump, F Zone, and Discovery deposits	Open pit mining assessed: Wesmeg, Pump, F Zone, and Discovery deposits	Continue to mine deposits
Underground Mining	Underground mining at Tiriganiaq deposit	No change	Continue to mine deposits including underground mining at Pump (below permafrost)
Borrow Pits and Quarries	Quarries and borrow pit selection: <ul style="list-style-type: none"> <li>Quarries: R5, R14, and R19</li> <li>Borrow Pits: B5, B6A, B6West, B10, B11A, B12, B13, and B15, Meliadine esker, Tiriganiaq esker, Wesmeg esker, and Emulsion esker</li> <li>Most have been depleted and areas reclaimed</li> </ul>	No change	No change
On-site Fuel	Current fuel tanks on site: <ul style="list-style-type: none"> <li>One 6 ML tank, one 3 ML tank and several storage tanks with capacities between 1,000 and 250,000 L</li> </ul> Total diesel fuel storage capacity is 9.7 ML	No change	Addition of fuel storage on-site for a total of 20,000,000 L
Marine Shipping	Dry goods: 4-6 vessels annually Diesel fuel: 4-6 tankers annually Shipping during open water season, following established shipping lanes. No ice breaking to extend the shipping season	No change	No change
Closure	Reclamation work begins as an area's operation is complete Most removal or demolition of buildings and infrastructure will occur at end of operations phase and would be done in first two years of decommissioning Reclamation work completed 3 - 4 years post closure Filling open pits with water would extend for several years	No change	No change to the approach of closure. Security will be updated through NWB process
Employment	700 employees	No change	Increase to 905 employees
Camp	680 beds	800 beds	Increase to 905 beds