

The following table represents a status of the technical comments for Agnico Eagle's Meliadine Extension Water Licence Amendment Proposal.

	= indicates a technical comment requires additional information to resolve with parties.
	= indicates a technical comment is resolved and completed.
	= indicates a technical comment is resolved with action to be completed after issuance of Water Licence Amendment or through a separate regulatory process.

Table 1: Meliadine Extension – Status of Water Licence Amendment Technical Comments

Commitment No.	Technical Comment Number	Subject	Status of Technical Comment	Status of Commitment	Commitment or Next Steps
1.	ECCC-TRC-01	Meliadine Lake Water Balance	Unresolved	Ongoing	Agnico Eagle directly emailed the Water Balance Section of the 2014 FEIS to ECCC on October 12, 2023. It is acknowledged this information has been publicly available since 2014 and was reviewed by ECCC previously as part of the NIRB Meliadine Application process, which resulted in approval and issuance of a Project Certificate). ECCC reviewed the information provided. Additional questions were raised by ECCC. Agnico Eagle commits to meet with ECCC Hydrology and identify a path forward prior to the Public Hearing.
2.	ECCC-TRC-02	Water Balance and Water Quality Model calibration	Resolved with information provided	Complete	Based on information provided by the Proponent at the Technical Meeting in October.
3.	ECCC-TRC-03	Water Balance and Water Quality Model results	Partially Resolved	Ongoing	Agnico Eagle directly emailed the Adaptive Management Plan, Ammonia Management Plan, and the Interim Closure and Reclamation Plan to ECCC on October 13, 2023. It is acknowledged this information was provided to the NWB in January 2023 as part of the Meliadine Extension Amendment Application. Agnico Eagle has provided the requested information to Environment and Climate Change Canada on October 18, 2023, and discussed the Technical Review Comment at a meeting on October 30, 2023. Agnico Eagle and ECCC commit to work together to resolve this Technical Comment prior to the Public Hearing.
4.	ECCC-TRC-04	Water Balance and Water Quality Model uncertainty	Partially Resolved	Ongoing	Agnico Eagle to provide additional information (summary of main uncertainty & certainty drivers). Environment and Climate Change Canada will review the information and meet with Agnico Eagle in efforts to resolve. Environment and Climate Change Canada was provided with the requested information on October 25, 2023. Agnico Eagle and ECCC commit to work together to resolve this Technical Comment prior to the Public Hearing.
5.	ECCC-TRC-05	In-pit deposition modelling	Resolved by commitment	Complete	Agnico Eagle committed to include information requested in the last two bullets of ECCC's recommendation on diffusive fluxes and monitoring if the alternative of in-pit deposition is used. This information will be included to inform the Water Quality predictions. Agnico Eagle will continue to monitor the pits if this alternative is used.
6.	ECCC-TRC-06	Integration of Meliadine Extension project in Aquatic Effects Monitoring Program Design Plan	Resolved by commitment	Complete	Agnico Eagle to integrate updates into a revised AEMP Design Plan which will be submitted within 60 days of Water Licence Amendment issuance, for example: <ul style="list-style-type: none"> including details of the Meliadine Extension including references to the Meliadine Extension FEIS Addendum

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7.	ECCC-TRC-07	Changes to analysis methods and descriptions in Aquatic Effects Monitoring Program Design Plan	Resolved by commitment	Complete	As described in Section 5.1.4 of the current AEMP design, statistical analyses along with visual examination will be used to determine differences in water chemistry between exposure and reference areas. Agnico Eagle agreed to provide examples of statistical analyses that could be used to examine spatial and temporal trends in water chemistry. Agnico Eagle will re-institute the Design Plan from the previous AEMP to evaluate dominant benthic invertebrate community taxa. Agnico Eagle will integrate this update into a revised AEMP Design Plan which will be submitted within 60 days of Water Licence Amendment issuance.
8.	ECCC-TRC-08	Aquatic Effects Monitoring Program reference areas	Unresolved	Ongoing	Agnico Eagle to provide more information on current reference areas in Meliadine Lake. It is acknowledged that all of this information is in the AEMP available on the NWB public registry. Environment and Climate Change Canada was provided with the requested information on October 23, 2023. Agnico Eagle and ECCC commit to work together to resolve this Technical Comment prior to the Public Hearing.
9.	ECCC-TRC-09; Part A	Closure of saline pond SP6 (Lake B7)	Partially Resolved	Ongoing	Agnico Eagle to provide information on the diffusive loading analysis. Environment and Climate Change Canada was provided with the requested information on October 25, 2023. Agnico Eagle and ECCC commit to work together to resolve this Technical Comment prior to the Public Hearing.
10.	ECCC-TRC-09; Part B	Closure of saline pond SP6 (Lake B7)	Resolved by commitment	Complete	Agnico Eagle provided a comparison of results to the guidelines for the protection of aquatic life to Environment and Climate Change Canada on October 25, 2023. In future updates, Agnico Eagle will provide this comparison in the Water Balance and Water Quality model report and the ICRP.
11.	ECCC-TRC-10	Saline water disposal during closure	Resolved with information provided	Complete	With information provided by Agnico Eagle in the technical comment submission (dated September 18, 2023).
12.	ECCC-TRC-11	Uncertainty in thermal modelling for Discovery WRSFs	Resolved with information provided	Complete	Information to be provided by Agnico Eagle and further discussions to occur. <ul style="list-style-type: none"> • Geochemical characterization of Discovery WR and Portage WR • Where find description of PAG in the application • Where to find description of waste deposition options It is acknowledged that this information (except the Portage report) is already included in the Application package provided to the NWB in January 2023. The Portage report will be provided.
13.	CIRNAC-R-01	Discovery Waterline	Resolved by commitment	Complete	As noted in the response by Agnico Eagle in the technical comment submission (dated September 18, 2023). <ul style="list-style-type: none"> • Agnico Eagle will update the Spill Contingency Plan, Water Management Plan, and Adaptive Management Plan following the issuance of the Project Certificate indicating that mitigation measures that are applicable to the approved waterline from the Meliadine Mine to Itivia Harbour are also applicable to the Discovery Waterline. • Agnico Eagle will implement mitigation measures, including the following, for the Discovery waterline: <ol style="list-style-type: none"> I. Implementing a leak detection system; II. Implementing an emergency response number; III. Covering the waterline; IV. Placing markers along the waterline; and V. Testing the waterline prior to each discharge season.

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14.	CIRNAC-R-02	In-pit Disposal of Tailings and/or Waste Rock	Resolved by commitment	Complete	Resolved through agreement on the term and condition proposed by CIRNAC in their technical comment submission.
15.	CIRNAC-R-03	Total Dissolved Solids Concentrations in CP1	Resolved with information provided	Complete	As noted in the response by Agnico Eagle in the technical comment submission (dated September 18, 2023).
16.	CIRNAC-R-04	Post-Closure Seepage Quality from Reclaimed Areas	Resolved by commitment	Complete	As noted in the response by Agnico Eagle in the technical comment submission (dated September 18, 2023). <ul style="list-style-type: none"> Agnico Eagle will continue to collect operational data for the next 20 years and validate the model predictions. Agnico Eagle is required to update the water balance and water quality models on an annual basis.
17.	CIRNAC-R-05	Marine Discharges to Melvin Bay	Partially Resolved	Ongoing	<p>Agnico Eagle to provide a schedule of construction going forward and include updated details on progress and schedule in the 2023 Annual Report.</p> <p>Agnico Eagle confirms that saline water from Tiriganiaq Pit 2 or any other saline water storage would never be discharged into Meliadine Lake.</p> <p>Agnico Eagle provided an analysis of the interactions between stored water and the groundwater regime to CIRNAC on October 18, 2023.</p> <p>Agnico Eagle will follow the Adaptive Management Plan should there be a need for storage of saline or surface contact water in a pit or pits other than TIR02 during operations. Per the Water Licence, Agnico Eagle would communicate this operational update to the NWB prior to the commencement of the works, update the corresponding management plans as part of the Annual Report, conduct continuous monitoring of the activity (i.e., water volume, water elevation, water quality, etc.), and provide updates to the NWB in the Annual Report.</p> <p>Agnico Eagle and CIRNAC commit to work together to resolve this Technical Comment prior to the Public Hearing</p>
18.	CIRNAC-R-06	Operational Saline Water Storage in Tiriganiaq Open Pit 2	Partially Resolved	Ongoing	<p>Agnico Eagle confirms our priority is to discharge Tiri 02 water to Itivia Harbour in 2025. As per update to CIRNAC-R-05.</p> <p>Agnico Eagle and CIRNAC commit to work together to resolve this Technical Comment prior to the Public Hearing.</p>
19.	CIRNAC-R-07	Saline Water Storage in Lake B7	Partially Resolved	Ongoing	<p>Agnico Eagle to provide lake monitoring data and predictions for the potential impacts on groundwater, receptor water quality and permafrost of surface soils surrounding Lake B7 during the water licence amendment process.</p> <p>Agnico Eagle will provide this information to CIRNAC prior to the Final Written Submissions.</p>
20.	CIRNAC-R-08	Sludge Disposal in Saline Water Storage	Unresolved	Unresolved	Agnico Eagle to provide further information on this topic in the next annual report.
21.	CIRNAC-R-09	Interim Closure and Reclamation Plan (ICRP)/Security Estimate	Partially Resolved	Ongoing	As noted in the response by Agnico Eagle in the technical comment submission (dated September 18, 2023). After the Technical Meeting, Agnico Eagle will meet with CIRNAC and the KivIA to discuss security.
22.	CIRNAC-R-10	Increase in Freshwater Consumption from Meliadine Lake	Partially Resolved	Ongoing	Agnico Eagle will provide further detailed information regarding the need for a 20% water consumption contingency to CIRNAC prior to the Final Written Submissions.
23.	CIRNAC-R-11	Itivia Fuel Storage Capacity	Resolved with information provided	Complete	As per the response by Agnico Eagle in the technical comment submission (dated September 18, 2023).

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24.	CIRNAC-R-12	Improvements to the Water Management Strategy	Resolved by commitment	Complete	Agnico Eagle to provide further information on this topic in the next annual report with specifics of actions (if necessary).
25.	CIRNAC-R-13	Algal Blooms in Meliadine Lake	Partially Resolved	Ongoing	Agnico Eagle to provide 2020 to 2022 total phosphorus data (from the AEMP near-field stations), and 2023 data with the annual report, with interpretation to the AEMP action response. An action plan will be presented if anything actionable is identified. Agnico Eagle will also check the historical sediment dataset for phosphorus and provide it to CIRNAC. Agnico Eagle provided this information to CIRNAC on October 23, 2023. Agnico Eagle and CIRNAC commit to work together to resolve this Technical Comment prior to the Public Hearing.
26.	CIRNAC-R-14	Application Report Content	Resolved with information provided	Complete	As per the response by Agnico Eagle in the technical comment submission (dated September 18, 2023).
27.	KivIA-TRC-01	In-Pit Disposal of Tailings and/or Waste Rock	Resolved by commitment	Complete	The KivIA agree with the term and condition proposed by CIRNAC in CIRNAC-R-02. In addition to Agnico Eagle applying to the NWB 6 months prior to tailings/ waste rock deposition on a "pit by pit" basis, Agnico Eagle will also provide KivIA with 60-days' advance notice of this application. This 60 days' advance notice must also include providing the KivIA with all the available information related to the application for in-pit deposition.
28.	KivIA-TRC-02	Limits on Annual Discharge to Meliadine Lake	Unresolved	Ongoing	Agnico Eagle and KivIA will meet to further discuss this topic and determine a path forward to resolution, if possible.
29.	KivIA-TRC-03	Site Specific Water Quality Objectives in Meliadine Lake	Unresolved	Ongoing	The KivIA had a question about drinking water quality. The AEMP Annual Report includes a comparison to the aquatic SSWQOs and the drinking water quality guidelines. Details are already included in the AEMP, refer to Section 3.4 of the AEMP. Discussions between KivIA and Agnico Eagle will continue to try to resolve this outstanding issue.
30.	KivIA-TRC-04	Contact Water Management	Resolved within information provided	Ongoing	As per the response by Agnico Eagle in the technical comment submission (dated September 18, 2023).
31.	KivIA-TRC-05	Saline Enrichment of Lake B7 Sediment	Pending	Ongoing	As this comment is aligned with ECCC-TRC-09, KivIA will wait to confirm if this technical comment is resolved pending comments from ECCC.
32.	DFO-TRC-01	Baseline Information on Fish and Fish Habitat	Resolved by commitment		Agnico Eagle will provide a table that lists works, undertakings, and activities (WUA) related to the Meliadine Extension and that characterizes changes to fish habitats, seasonal use (e.g., spawning, overwintering, rearing, migration), fish habitat sensitivity, mitigation measures, and residual pressures. This table is expected to also satisfy the commitments of TRC02. This table will be provided in the <i>Fisheries Act</i> Authorization Application submission anticipated in January 2024.
33.	DFO-TRC-02	Impact of flow and water level changes on fish habitat	Resolved by commitment		Agnico Eagle will provide a table that lists works, undertakings, and activities (WUA) related to the Meliadine Extension and that characterizes changes to fish habitats, seasonal use (e.g., spawning, overwintering, rearing, migration), fish habitat sensitivity, mitigation measures, and residual pressures. This table is expected to also satisfy the commitments of TRC-01. This table will be provided in the <i>Fisheries Act</i> Authorization Application submission anticipated in January 2024.
34.	DFO-TRC-03	Watercourse Crossings	Resolved by commitment		Agnico Eagle will provide a "typical" culvert design that includes fish passage specific information (e.g., type of construction, embedment, size of culvert vs stream width, substrate, in-culvert velocity). This will be provided in the <i>Fisheries Act</i> Authorization Application submission anticipated in January 2024.

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35.	DFO-TRC-04	Mitigation for watershed A and B	Partially Resolved	Ongoing	Agnico Eagle will provide a conceptual design and supporting information for the proposed B4 bypass which will provide supplementary flows to the lower B watershed. Agnico Eagle anticipates an engineered channel feature with varied substrate composition and instream structure to mimic a natural feature. In addition, supplementary flows to the lower end of the A lake chain will be provided via pumped water from further up the system. For both measures, Agnico Eagle will provide preliminary information of the conceptual design (e.g., location, source of the supplementary flow, description of measures, characteristics, objective of the measure and monitoring) prior to the Water Licence Public Hearing.
36.	DFO-TRC-05	Fish Offsetting Plan	Resolved within information provided	Complete	As per the response by Agnico Eagle in the technical comment submission (dated September 18, 2023).