



Summary of Commitments for the Whale Tail Expansion Project – NWB Review Process

#	Party	Reference	Commitment	Due Date	Notes
1	CIRNAC	CIRNAC-TRC#1, part 4 CIRNAC-TRC#3	Hold further meetings to discuss the impact of WRSFs interflow breakthrough on the financial security arrangement, as part of overall discussions on security for the Whale Tail Expansion Project. Meeting minute with summary of the resolutions will be provide to the NWB following the meeting.	December security meeting	
2	CIRNAC ECCC KivIA	TC-1 part 8 and TC-3 part 2 ECCC-TC-4 KivIA-TC 2, 6 & 9	<p>Agnico Eagle commits to provide a draft of the adaptive management plan which will include communication tools such as, at minimum, water management decision tree, thresholds, triggers and associated action items for water quality and quantity on December 11, 2019.</p> <p>In developing the draft plan, Agnico Eagle commits to give consideration to including items and options that have been discussed in meetings with KivIA and regulatory agencies such as:</p> <ul style="list-style-type: none"> • The targeted cover system enhancement, • Water quality objectives, • Chemical and physical stability of the WRSF and other adaptive management strategies, • Analytical water quality triggers and thresholds based upon site WQOs and discharge criteria, • The volume of site contact water in comparison to available water storage infrastructure. • Mitigation of any situations involving WRSF seepage loadings that are greater than predicted during post-closure, and clearly stating the thresholds for when these adaptive management options would be implemented. 	<p>Draft Adaptive Management Plan to be provide on December 11</p> <p>Final Adaptive Management Plan to be provide prior to public hearing</p>	



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			<p>Agnico Eagle has committed that a conceptual monitoring plan be put in place in the Interim Closure and Reclamation Plan that will be protective of surrounding water quality; and that on site monitoring will be ongoing until site-specific field data demonstrates interflow physical and chemical criteria which meets discharge requirements.</p> <p>The monitoring data will be compared to the agreed thresholds for implementing adaptive management as part of the annual report.</p>		
3	CIRNAC	CIRNAC-TRC#2, part 4	Provide results of water quality model scenario with WRSF RCP 8.5 input	December 11 2019	
4	ECCC	ECCC-TC-1	<p>Identify water quality objectives for the pit waters and thresholds for implementing treatment prior to the end of operations (i.e., 2026), within the Final Closure Plan.</p> <ul style="list-style-type: none"> - Characterize pit lake water quality and limnological conditions (in profile) during and following the conclusion of flooding. - Demonstrate that water quality in the flooded pits is stable and consistently meets water quality objectives prior to reconnecting the flooded pit lake to surface waters. Water quality monitoring conducted during and following pit flooding will be used to assess seasonal changes and water quality trends. Comparing actual site monitoring data to existing water quality predictions will demonstrate that there is no risk to aquatic life in reconnecting the flooded pits to the receiving environment. 	<p>Update the ICRP with the commitment</p> <p>Final closure plan will provide details on the commitment</p>	
5	ECCC	ECCC-TC-2	Closure of Groundwater Storage Pond - Should Agnico Eagle consider reconnecting the groundwater storage ponds to surface drainage, Agnico Eagle would characterize pond contents (including residual water and bed sediments), update the water quality model and update the closure option in the final closure plan.	In the final closure plan	
6	ECCC	ECCC-TC-3	Commit to update and issue associated plans for the expanded WRSFs as part of the 60 day construction notice, implement the monitoring program described in Agnico Eagle's response to ECCC-TC3 and update the water quality model from the monitoring results as per existing water licence conditions.	As part of the 60 days construction notice	



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7	ECCC	ECCC-TC-4	<ul style="list-style-type: none"> Update 1:10 and 1:100 years wet year scenario with 2000-2018 climate dataset. Provide the monthly exceedance volumes for the wet-year scenarios using the 2000-2018 dataset for freshet of 2020 (June); and Evaluate potential WQ exceedances associated with the water quantity exceedances derived from the 2000-2018 dataset, and provide updated WQ predictions for arsenic & phosphorus under this scenario, focusing on the receivers. 	December 11, 2019	
8	ECCC	ECCC-TC-5	Include the discharge of landfarm contact water to the IVR Attenuation Pond in the next update to the water management flowsheets.	60 days following reception of the amended water licence	
9	ECCC	ECCC-IR-6	Mixing Zones - provide additional details regarding the mixing zone boundary and clarify the size of the entire mixing zone for each receiver.	December 11, 2019	
10	ECCC	ECCC-TC-3	Commit to update and issue associated plans for the expanded WRSFs as part of the 60 day construction notice, implement the monitoring program described in Agnico Eagle's response to ECCC-TC3 and update the water quality model from the monitoring results as per existing water licence conditions.	As part of the 60 days construction notice	
11	DFO	TC 2.2.3	<p>Agnico Eagle committed to provide a table listing the waterbodies that are planned to be used to withdraw water for the purposes of operational geological drilling in the Project area. Maximum amount expected to be taken yearly per waterbody will also be included in that table.</p> <p>DFO will complete review on November 15, 2019 and commit to meet with Agnico Eagle to finalize this item prior to public hearing.</p>	<p>November 8, 2019</p> <p>November 15, 2019</p>	
1	DFO	TC 2.1.2	The widening of the Haul Road and related extensions to existing culverts will be addressed under a new Request for Review application which will be submitted to DFO for review. An assessment of fish passage for each crossing will be provided as part of the application, and will be reviewed by DFO.	DFO Request for Review Application	This technical comment is resolved as part of the water licence amendment process.
13	DFO	TC 2.3.1	Provide the requested information as part of the Fisheries Act Authorization Application package.	DFO Application for Authorization	This technical comment is resolved as part of the



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					water licence amendment process.
14	DFO	TC 2.3	<p>Previously provided predictions for potential downstream changes in surface areas, as part of Agnico Eagle's reply to DFO Technical Comment 3.4.7, will be updated using recently collected bathymetry data for Lake A76, A12, and A15 as representative downstream habitats for conservatively predicting downstream changes to fish habitat, and provided as part of an Application for Authorization.</p> <p>DFO will complete review on November 15, 2019 and commit to meet with Agnico Eagle to finalize this item prior to public hearing.</p>	Submitted to DFO on October 24, 2019, Application for Authorization	
15	KivIA	TC 3	Provide list of literature references to address the information request related to the phosphorus uptake rate	Submitted on October 24, 2019	
16	KivIA	TC 4&7	<p>Agnico Eagle is evaluating the potential construction of the GSP 2 and/or 3 and other options for implementation during the winter of 2020 with the NWB. Agnico Eagle will provide technical memo explaining 2020 water management.</p> <p>Agnico Eagle will submit the construction drawing for GSP-2 and/or 3 at least 30 days prior to the public hearing. Agnico Eagle will also provide a technical memorandum outlining additional feasible water management options should the NWB and other stakeholders deem that expedited construction of GSP-2 and/or GSP-3 is not the preferred option for 2020.</p>	December 11, 2019 or at least 30 days prior to the public hearing.	
17	KivIA	TC 9&11	<p>Provide a quantitative assessment of alternative flooding strategies as adaptive management options. This quantitative assessment will inform future update of the Interim Closure and Reclamation Plan as well as the Final Closure Plan.</p> <p>Agnico Eagle further commits to issue a memorandum providing rationale and water volume that can be withdrawn from Nemo Lake, D1 Lake and D5 Lake to support an increase pit flooding fill rate at least 3 weeks prior to the public hearing (December 11, 2019). Rationale should include a discussion of impacts on water quantity, fish and fish habitat following DFO requirements. Assumptions regarding water volumes, natural variation of water levels in the watershed, bathymetry and uncertainty around estimates are to be included.</p>	December 11, 2019 or at least 30 days prior to the public hearing.	



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18	KIA	TC 10	AEM commits to provide thermistor data from Meadowbank to support the conclusion that the freeze back of the pit walls will result in a negligible impact from rock fracturing on the overall water balance.	December 11, 2019	
19	KivIA	TC 5&21	Commit to update and issue associated plans for the expanded WRSFs as part of the 60 day construction notice and update the water quality model from the monitoring results as per existing water licence conditions. The update is to include a map that shows the planned locations of the drill holes that will contain the thermistor strings.	60 days construction notice	
20	KivIA	TC 11&14	<p>Hold further meetings prior to the public hearing to finalize the financial security arrangement.</p> <p>Agnico Eagle is to provide associated costs with both construction and dismantling of infrastructure related to water withdrawal and effluent discharge alternatives to Lakes D1 and D5 to inform those security discussions.</p> <p>Agnico Eagle is to provide an estimate of funds required to decontaminate equipment and machinery left underground such that it does not pose a residual environmental risk.</p>	Initial meetings are planned for November and December 2019. The Security Management Agreement required Prior to the public hearings.	
21	KivIA	TC-20	Agnico Eagle to include the Kivalliq Inuit Association in discussions related to the Fisheries Act Authorization approval process.	Ongoing	
22	KivIA	Technical Meeting	Agnico Eagle commits to work with KIA to update the water compensation agreement for the Whale Tail Project to include the proposed Whale Tail expansion project.	Prior to the public hearings.	
23	NWB	Technical Meeting	Provide Expansion Project Water Balance for Nemo Lake.	December 11, 2019	
24	NWB	Technical Meeting	Submit draft water licence with final written submissions 3 weeks prior to the public hearing.	December 20, 2019	
25	NWB	Technical Meeting	Provide draft adaptive management plan including a definition of adaptive management and approval process.	December 11, 2019	
26	NWB	Technical Meeting	Update the Spill Contingency Plan reflecting spill contingency measures at the Whale Tail mine site	60 days following reception of the amended water licence	



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27	NWB	Technical Meeting	Update the Hazardous Materials Management Plan reflecting hazardous waste management (including storage locations and inventory) at the Whale Tail mine site	60 days following reception of the amended water licence	
28	NWB	Technical Meeting	Submit a functional Emergency Response Plan that provides a clear emergency response procedure. The Plan is to include the Whale Tail emergency response team contact information, chain of command, and a flowchart describing the notification sequence. The Plan should be self-sufficient and is not to refer to the Meadowbank Emergency Response Plan.	60 days following reception of the amended water licence	
29	NWB	Technical Meeting	Update Waste Management Plan section 3 to clarify NPAG and NML material quantities.	60 days following reception of the amended water licence	