

**Files: 2AM-MEA1530** 

2AM-WTP1830

September 17, 2021

Marie-Pier Marcil Environmental Project Coordinator Interim Agnico Eagle Mines Limited 145 King Street East, Suite 400 Toronto, ON M5C 2Y7

E-mail: <u>marie-pier.marcil@agnicoeagle.com</u>

RE: Licences No: 2AM-MEA1530, Meadowbank Gold Mine Project;

2AM-WTP1830, Whale Tail Pit Project;

Agnico Eagle Mines Limited; 2020 Annual Report Review

## Dear Marie-Pier Marcil:

The Nunavut Water Board (NWB or Board) has completed a technical review of the 2020 Annual Report (the Report) for Type "A" Water Licences 2AM-MEA1530 and 2AM-WTP1830 (Meadowbank Licence, Whale Tail Pit Licence, or Licences). The Report was received on April 16, 2021 from Agnico Eagle Mines Limited (Agnico Eagle or Licensee), submitted as a requirement under Part B of the Licences. The submission date is the result of the extension request received by the NWB from the Licensee on March 22, 2021.

Copies of all documents received during Report review can be accessed through the NWB's Public Registry and FTP site using the following links:

ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEA1530%20Agnico/3%20TECH/1%20GENERAL%20(B)/2%20ANNUAL%20RPT/2020/

and

 $\frac{ftp://ftp.nwb-oen.ca/registry/2\%20MINING\%20MILLING/2A/2AM\%20-\%20Mining/2AM-WTP1830\%20Agnico/3\%20TECH/B\%20GENERAL/2\%20ANNUAL\%20RPT/$ 

On April 19, 2021, the NWB distributed the Report for public review. Submissions were received from Kivalliq Inuit Association (KivIA), Crown-Indigenous Relations and Northern Affairs (CIRNA), and Environment and Climate Change Canada (ECCC) on or before July 26, 2021. The table below provides a brief summary of issues that were found outstanding during the Report review, pertaining to the NWB's mandate. The table provides deadlines for the Licensee to respond

to respective recommendations and concerns. For the intervenors' discussion of these items, please refer to the comment submissions referenced above.

**Table 1. Intervener Recommendations and Concerns** 

No.	Licence No:	Intervener Recommendation / Concern	<b>Deadline to Respond</b>
110.	Licence 140.	intervener Accommendation / Concern	by and Notes
Kiva	lliq Inuit Associat	ion (KivIA)	~ J W22W 2 ( 0 0 0 0 0
12	2AM-	Agnico Eagle should include more detailed plans	March 31, 2022
	MEA1530	for bench-scale testing on water treatment to ensure	(2021 Annual Report)
		the appropriate water quality is achievable. Further,	1 /
		should small scale testing indicate that short-term	
		treatment is inadequate for long term habitat	
		suitability, Agnico Eagle should explore alternative	
		habitat offsetting strategies.	
13	2AM-	Agnico Eagle should continue monitoring the	March 31, 2022
	WTP1830	nutrient loads and phytoplankton biomass and taxa	(2021 Annual Report)
		richness. Should total phosphorus and other nutrient	_
		concentrations continue to increase, Agnico Eagle	
		should propose a mitigation strategy, as well as	
		discuss how this might impact closure objectives	
		and timelines.	
14	2AM-	Agnico Eagle should consider removing Nemo	November 19, 2021
	WTP1830	Lake as a mercury study reference lake should large	
		volume discharges to the watershed resume.	
15	2AM-	The Report states: "During a routine inspection at the	November 19, 2021
	MEA1530	Baker Lake Tank Farm, fuel was observed in the	
		secondary containment of fuel tanks 5 & 6. After	
		further inspection, a small fuel leak was observed."	
		The KivIA recommends Agnico Eagle provide	
		details on the steps they have taken to prevent another such spill from occurring.	
Crow	n Indigenous Pel	lations and Northern Affairs (CIRNA)	
1	2AM-	CIRNA recommends that future annual reports	Subsequent annual
1	MEA1530,	must include detailed, updated assessments of	reports
	2AM-	existing and predicted long-term thermal	Toports
	WTP1830	performance of mine wastes and cover systems at	
		the Meadowbank and Whale Tail sites to confirm	
		that these progressively reclaimed areas will	
		perform as intended including:	
		1.1. Meaningful discussions and evaluations of	
		the results from the thermal monitoring.	
		1.2. Clearly presented comparison of prior	
		predictions of freeze back with monitoring	
		results.	
		1.3. Updated modeling results to verify if	
		conceptual plans for thermal encapsulation	
		of all mine wastes remain effective to	
		prevent and control deleterious seepage	
		over the long term.	
		1.4. If results show discrepancies from the	
		initially predicted values, Agnico Eagle	
		should discuss the management actions that	

		will be implemented to address the risk.	
2	2AM- MEA1530, 2AM- WTP1830	CIRNA recommends that future Annual Reports and Interim Closure and Reclamation Plans (ICRPs) include:  Details on planned progressive reclamation activities to be undertaken over the next reporting period. Details on progressive reclamation	Subsequent annual reports
		implemented to date and within the reporting period. Such details should include but not be limited to: facilities covered in the prior year, total areas covered to date, volumes associated with these areas, monitoring results, construction reports, as-built drawings, all signed by an engineer licenced to work in Nunavut.	
3	2AM- WTP1830	CIRNA recommends that Agnico Eagle provide: 3.1 Documentation of its "lessons learned" assessment of geotechnical design issues experienced by the Whale Tail Pit Project water retention structures in 2019. 3.2 Descriptions of modifications Agnico Eagle has made to its design and management processes to mitigate the geotechnical design issues experienced in 2019.	November 19, 2021
4	2AM- MEA1530	<ul> <li>CIRNA recommends that Agnico Eagle provide the following:</li> <li>4.1 Confirmation that long-term modelling of seepage from the Meadowbank WRSFs is of sufficient duration to characterize seepage after breakthrough.</li> <li>4.2 If not, that Agnico Eagle extend the temporal scope of its WRSF seepage modelling to ensure that potential seepage impacts after breakthrough are accurately characterized and provide this information in the next annual report.</li> </ul>	November 19, 2021
5	2AM- MEA1530	<ul> <li>CIRNA recommends that Agnico Eagle provide:</li> <li>5.1 An integrated analysis of all relevant data to support the conclusion that additional assessment and mitigation of chromium in TPL sediments is not required.</li> <li>5.2 An explanation of why rock with elevated metal leaching potential was used as a construction material.</li> <li>5.3 Descriptions of any changes made to Agnico Eagle's waste rock management practices to ensure leachable materials used to date in the Meadowbank or Whale Tail sites do not result in similar adverse impacts in the future.</li> <li>5.4 Descriptions of changes made to Agnico Eagle's waste rock management practices to ensure leachable materials are not used in</li> </ul>	November 19, 2021

		further construction practices to prevent this	
		from occurring again.	
6	2AM- WTP1830	CIRNA recommends that future annual reports	Subsequent annual
	W 1P1830	include:	reports
		6.1 A section that describes and quantifies Agnico Eagle's use of explosives relative to	
		Eagle's use of explosives relative to assumptions used in the Final Environmental	
		Impact Statement (FEIS) modelling.	
		6.2 A re-assessment or justification for Agnico	
		Eagle's prior conclusion that a change in	
		trophic status in Mammoth Lake will not impact	
		fish productivity when potential impacts of	
		explosives residue is considered.	
7	2AM-	CIRNA recommends that Agnico Eagle provide an	November 19, 2021
	WTP1830	update on the status of mercury studies, including	
		all work originally scheduled for completion in	
		2020. The update should include:	
		7.1 An assessment of factors that resulted in the elevated mercury concentrations observed to	
		date; and	
		7.2 An assessment of potential human and	
		ecological health impacts associated with the	
		elevated mercury concentrations.	
8	2AM-	CIRNA recommends that future annual reports use	Subsequent annual
	MEA1530,	a modified reporting approach to ensure that	reports
	2AM-	comparisons between monitoring data and	
	WTP1830	applicable criteria reflect the temporal and spatial	
		variability inherent in these natural systems.	
		Specifically, reporting should not be based solely on mean data for entire water bodies.	
9	2AM-	CIRNA recommends that Agnico Eagle:	March 31, 2022
	MEA1530	9.1 Conduct a modelling exercise to predict post-	(2021 Annual Report)
		closure water quality in the re-flooded	(2021 Timitaal Teeport)
		Meadowbank mine pits (Goose and Portage).	
		9.2 Incorporate the findings of the modelling into	
		the next iteration of the Meadowbank ICRP.	
		Specifically, the findings should be used to	
		inform the design of relevant closure	
		components, including but not limited to:	
		capping of the in-pit tailings and post-closure	
		water management, water treatment facility designs, sludge generation and disposal,	
		requirements as well as expected treatment	
		duration.	
10	2AM-	CIRNA recommends that Agnico Eagle:	March 31, 2022
	MEA1530	10.1 Describe the strategy that will be used to	(2021 Annual Report)
		evaluate cover requirements and methods for	
		the in-pit tailings (e.g., water covers,	
		coarse/fine granular covers, construction/leave	
		a submerged berm at the connection to the pit).	
<u></u>		The strategy should be initiated in 2021 and an	

		undete should be provided in the 2021 Annual	
		update should be provided in the 2021 Annual Report.	
		10.2Identify the preferred closure concept for	
		covering in-pit tailings in the next iteration of	
		the Meadowbank ICRP.	
1.1	2AM-		March 21 2022
11	MEA1530	CIRNA recommends that Agnico Eagle describe	March 31, 2022
	WILA1550	the technical rationale for using different WRSF cover thicknesses at the Meadowbank Gold Mine	(2021 Annual Report)
		and Whale Tail sites. Any notable differences in the	
		design assumptions for the two sites should be	
		provided in the rationale. This information should	
		be presented in the next iteration of the	
10	2414	Meadowbank ICRP.	M 1 21 2000
12	2AM-	CIRNA recommends that Agnico Eagle perform a	March 31, 2022
	MEA1530, 2AM-	comprehensive review of its tank farm facilities to	(2021 Annual Report)
	WTP1830	identify and mitigate all potential failure modes	
	W 11 1030	(including accidents and malfunctions). The	
		findings of the review should be provided in the 2021 Annual Report and should:	
		1	
		12.1 Consider increasing the frequency of tank farm inspections and implementation of mitigative	
		actions within a reasonable timeframe if/as	
		recommended.	
		12.2 Address the issue of water management within the secondary containment areas in general,	
		and in particular, how approximately 400,000	
		L of water came to be within the containment	
		area at the time of the leak.	
13	2AM-	CIRNA recommends that Agnico Eagle clarify why	November 19, 2021
	MEA1530	it is using the less restrictive (Industrial) Canadian	11010111001 19, 2021
		Council of Ministers of the Environment (CCME)	
		standards for PHC F3 fraction when more	
		restrictive standards could and should be used for	
		the quarry which is located on the tundra.	
14	2AM-	CIRNA recommends that Agnico Eagle:	November 19, 2021
	MEA1530	14.1In future, adhere to any existing requirements	, , , , , , , , , , , , , , , , , , , ,
		until Agnico Eagle receives written approval	
		from the appropriate authority to change,	
		modify, or waive an existing requirement.	
		14.2Formally acknowledge agreement to	
		recommendation 14.1 above in response to	
		these comments.	
15	2AM-	CIRNA recommends that Agnico Eagle:	November 19, 2021
	WTP1830	15.1 Provide the necessary supporting evidence and	
		data with respect to the 2020 geochemical	
		sampling data that were used to classify waste	
		rock from the Whale Tail Pit and IVR Pit.	
		15.2Provide the supporting evidence and statistical	
		summaries of the geochemical data from the	
		accredited external laboratory that were used to	
		confirm that Agnico Eagle's methodology and	

		results used to differentiate PAG/NPAG rock	
		are appropriate.	
Envi	ronment and Clim	nate Change Canada (ECCC)	
1	2AM-	ECCC recommends that the Licensee ensure stack	March 31, 2022
1	MEA1530	testing is completed in 2021 to confirm continued	(2021 Annual Report)
		compliance.	(20211
2	2AM-	ECCC recommends that the Licensee ensure a dust	March 31, 2022
	MEA1530	management plan is developed and implemented to	(2021 Annual Report)
		reduce the risk of similar incidents occurring.	( · · · · · · · · · · · · · · · · · · ·
5	2AM-	ECCC recommends that seepage volumes for all	March 31, 2022
	MEA1530	stations be compared to previous years and	(2021 Annual Report)
		expected averages to aid in interpretation of data. In	•
		addition, for any locations with increased seepage	
		as compared to previous years or expected	
		averages, a preliminary discussion of potential	
		sources/causes should be provided.	
6	2AM-	Several of the figure's Y-axis are not scaled	Subsequent annual
	MEA1530,	appropriately causing data to be located at the	reports
	2AM-	bottom of the graph, making it difficult to interpret	
	WTP1830	when CCME guidelines or Water Licence limits are	
		exceeded. ECCC recommends that figures use	
	2437	appropriate Y-axis to aid in interpretation of data.	0.1
7	2AM-	ECCC recommends that the comparison of	Subsequent annual
	MEA1530, 2AM-	measured versus forecasted values also include	reports
	WTP1830	some preliminary discussion on potential sources	
	W 11 1030	when measured results differ from the forecasted	
		values, specifically if the measured values exceed forecasted.	
8	2AM-	ECCC recommends the Licensee provide additional	November 19, 2021
0	MEA1530,	supporting information as to why for some	100 veinber 17, 2021
	2AM-	parameters the concentrations used in the model are	
	WTP1830	lower than the observed average concentrations in	
		mill effluent in 2020.	
9	2AM-	ECCC recommend that the Licensee update the text	Subsequent annual
	MEA1530,	to refer to the correct diatom phylum	reports
	2AM-	Bacillariophyta.	
	WTP1830		
10	2AM-	ECCC recommends that the Licensee provide	November 19, 2021
	MEA1530	information on any potential next steps in	
		monitoring to reduce uncertainty associated with	
		the source of the elevated arsenic and chloride	
11	2AM-	concentrations at Pit-E Seepage location.	March 31, 2022
11	MEA1530	ECCC recommends that the Licensee provide a general timeline for when the assimilative capacity	(2021 Annual Report)
	111111111111111111111111111111111111111	studies for Third Portage Lake may be completed.	(2021 Amilian Kepolt)
12	2AM-	ECCC recommends that road and construction	March 31, 2022
12	WTP1830	materials be non-metal leaching and non-potentially	(2021 Annual Report)
		acid generating, including for road operation and	(2021 I IIII dui Report)
		maintenance, and that applicable documents	
		(including the Whale Tail Haul Road 2021 Work	
		Plan and the 2021 esker/quarry work plans) be	
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		updated to reflect this guidance.	
13	2AM-	With respect to increased nutrients/productivity in	March 31, 2022
13	WTP1830	the receiving environment, ECCC recommends that	(2021 Annual Report)
	W 11 1030	the Licensee proactively identify management	(2021 Ailliuai Report)
		response options to address potential effects,	
		including under-predicted parameter concentrations	
14	2AM-	ECCC recommends that the Licensee:	November 19, 2021
17	WTP1830	Clarify whether any actions are planned to	100vcmoci 17, 2021
	W 11 1030	improve sewage treatment plant (STP)	
		effluent quality and meet the	
		operational/design targets for nitrate and	
		phosphorus, as set out in Table 6 of the	
		Sewage Treatment Plant O&M Manual; and	
		Clarify whether STP effluent exceeded	
		operational/design targets for any other	
		Table 6 parameters.	
15	2AM-	ECCC recommends that the Licensee clarify the	March 31, 2022
	WTP1830	frequency of TSS sample collection for laboratory	(2021 Annual Report)
		analyses during open water dike construction, and	
		update relevant management plans as appropriate.	
16	2AM-	ECCC recommends that the Licensee clarify	November 19, 2021
	WTP1830	whether and how the Meadowbank TSS-turbidity	
		relationship has been/will be validated for the	
		Whale Tail site, and whether paired TSS-turbidity	
		samples will be collected during construction at	
		applicable locations in the Whale Tail site to	
		validate or update the site-specific TSS-turbidity	
		relationship.	
17	2AM-	ECCC recommends that the Licensee update the	March 31, 2022
	MEA1530,	Quality Assurance/Quality Control (QA/QC) Plan	(2021 Annual Report)
	2AM- WTP1830	as follows:	
	W 1P1830	Provide a discussion/rationale for the	
		QA/QC sampling frequencies presented in	
		Table 2-2 (Quality Control Sample	
		Frequency);	
		• QA/QC sampling frequency of the	
		compliance monitoring programs for	
		Groundwater Chemistry and for Mine Facilities should be in line with best	
		<ul><li>practices for each monitoring program; and</li><li>Include trips blanks in all monitoring</li></ul>	
		programs listed in Table 2-2.	
18	2AM-	With respect to the continued trend of permafrost	March 31, 2022
10	WTP1830	degradation at the Whale Tail Dike abutment and	(2021 Annual Report)
	,, 11 1050	the rapid warmup in the wall and foundation, ECCC	(2021 / Milital Report)
		recommends that the Licensee describe:	
		The likelihood that these changes would	
		result in a seepage increase, and the	
		potential timing and extent of increased	
		seepage;	
		<ul><li>Potential effects of such a seepage increase;</li></ul>	
	l	1 otomati circus or such a scopage mercuse,	l

		<ul> <li>Options to mitigate and manage a potential seepage increase; and</li> <li>Any other changes/impacts that may result from the continuing permafrost degradation at the abutment and the rapid warmup in the wall and foundation, and options to mitigate and manage such changes/impacts.</li> </ul>	
19	2AM- WTP1830	ECCC recommends that prior to decommissioning the contact water management system or reconnecting the pit lake to surface waters, monitoring results and water quality predictions demonstrate that runoff, seepage, and pit lake water quality has stabilized and will be consistently acceptable for release over the short-, medium- and long-term, taking into account seasonal and interannual variability and climate change considerations. ECCC also recommends that relevant sections of the Whale Tail ICRP, including Table 5.2-2 (Closure Objectives and Criteria – Open Pits Workings), be revised to:  • Acknowledge that a post-closure water quality monitoring period of 3 years is aspirational and that 3 years would be a minimum duration; and  • Provide post-closure water quality monitoring until it is demonstrated that pit lake water quality is stable and will consistently meet water quality objective values over the short-, medium- and long-term.	March 31, 2022 (2021 Annual Report)
20	2AM- WTP1830	The values of neutralization potential (NP) and acid potential (AP) are based on the acid base accounting (ABA) process, therefore, the rock unit that contains 0.1 wt. % of sulphur but not enough neutralization potential such that its Neutralization Potential Ratio (NPR) is equal to 2 or less, that unit or rock type should be classified as Potentially Acid Generating (PAG). ECCC recommends that the Licensee reconsider its non-PAG classification criterion as expressed above.	March 31, 2022 (2021 Annual Report)
21	2AM- WTP1830	In the Whale Tail Operational ARD-ML Sampling and Testing Plan, ECCC notes that in the Potential Issues column of Table 5-1, one item is that "Thermal monitoring confirms that the waste rock cover freeze back is not occurring as anticipated". The steps to be taken did not include investigation of the presence of "hot spots" within the Waste Rock Storage Facility (WRSF), which could potentially cause some spots or layer in the waste rock facility not to freeze back. ECCC recommends that the actions include the investigation of the	March 31, 2022 (2021 Annual Report)

		possible presence of hot spots in the WRSF.	
22	2AM-	ECCC recommends that the Licensee explain how	November 19, 2021
	MEA1530	they plan to maintain the 85% saturation in the	11010111001 19, 2021
		0.5m section of the Tailings Storage Facility (TSF)	
		that will be penetrated by thaw during the warm	
		months, and how this will be maintained given the	
		ongoing impact of climate change in the region.	
23	2AM-	The Licensee states, "Once water quality meets the	March 31, 2022
	WTP1830	discharge criteria established through the water licensing process, the contact water management	(2021 Annual Report)
		system will be decommissioned to allow the surface	
		runoff and seepage water from the Whale Tail	
		WRSF and IVR WRSF to naturally flow to the	
		outside environment".	
		Given the above statement, ECCC would like to	
		remind the Licensee that as long as the Whale Tail	
		mine is regulated under the Metal and Diamond	
		Mining Effluent Regulations (MDMER), all	
		effluent discharge from the mine site would need to	
		be monitored and discharged through a final	
		discharge point until the mine acquires the	
		recognized closed mine status (RCM). After which	
		time the mine is no longer subject to MDMER but	
		captured under the general prohibition against the	
		deposit of deleterious substances into waters	
		frequented by fish, described in ss. 36(3) of the	
NT	W D	Fisheries Act.	
	avut Water Board		N
1	2AM- MEA1530	The Board notes Total Suspended Solids (TSS) exceedances at Monitoring Program Stations ST-5	November 19, 2021
	WILAISSO	and ST-6. The Licensee is requested to clarify the	
		causes of these exceedances and preventative	
		measures to be employed.	
2	2AM-	The Reports states, "Some accredited laboratory	Subsequent annual
	MEA1530,	water quality measurements have detection limits	reports
	2AM-	that are higher than the predicted values. This is	Терогия
	WTP1830	particularly true for dissolved metal analysis, such	
		as cadmium, iron, lead, nickel, molybdenum,	
		selenium, thallium and zinc."	
		and	
		"The [Core Receiving Environment Monitoring	
		Program] CREMP conclusion that increased	
		nutrients in WTS and MAM are primarily due to	
		flooding is generally supported by measurements	
		conducted through other [Aquatic Effects	
		Monitoring Program] AEMP programs (dike	
1			
		construction in 2019 and effluent monitoring in	
		construction in 2019 and effluent monitoring in 2019 and 2020), through which very few	
		· · · · · · · · · · · · · · · · · · ·	
		2019 and 2020), through which very few	

		these programs (0.01 mg/L) exceed the CREMP trigger value (0.004 mg/L) and most CREMP water quality measurements for WTS and MAM in 2020 (2020 CREMP Report, Figure 5-30)." The NWB requests that the Licensee use detection limits in line with the trigger values.	
3	2AM- MEA1530	The Board appreciates the inclusion of the <i>Meadowbank and Whale Tail 2020 Geotechnical Inspection Implementation Plan</i> ; however, the Licensee is requested to provide the timeline of follow-up actions to the recommendations outlined in the <i>2020 Annual Pit Slope Performance Review</i> dated January 7, 2021.	*
4	2AM- MEA1530, 2AM- WTP1830	The Board reminds Agnico Eagle of the Licence requirement in Part B, Item 17, " (r)evisions to the Plans or Manuals are to be submitted in the form of an Addendum complete with a revisions list detailing where significant content changes are made."	Subsequent annual reports

The NWB notes that Agnico Eagle submitted the following updated management plans with the 2020 Annual Report.

	ole 2. Submitted Management Plans.			
Licence	Management Plan			
No.				
2AM-	• Meadowbank Mine Waste Rock and Tailings Management Plan, Version 11			
MEA1530	dated April 2021;			
	<ul> <li>Meadowbank 2020 Water Management Report and Plan, Version 9 dated April 2021;</li> </ul>			
	<ul> <li>Meadowbank Landfill Design and Management Plan, Version 5 dated March 2021;</li> </ul>			
	• Oil Handling Facility: Oil Pollution Emergency Plan, Version 13 dated April 2021;			
2AM-	Water Quality Monitoring and Management Plan for Dike Construction and			
WTP1830	Dewatering, Version 3 dated May 2020;			
	• Whale Tail Interim Closure and Reclamation Plan, Version 4 dated July 2020;			
	• Whale Tail Pit - Landfill and Waste Management Plan, Version 4 dated March 2021;			
	<ul> <li>Operational ARD-ML Sampling and Testing Plan – Whale Tail Pit Project, Version 6 dated November 2020;</li> </ul>			
	• Whale Tail Project – Waste Rock Management Plan, Version 7 dated April 2021;			
	• Water Management Plan, Version 6 dated April 2021;			
2AM-	• Meadowbank and Whale Tail Bulk Fuel Storage Facility: Environmental			
MEA1530	Performance Monitoring Plan, Version 6 dated March 2021;			
and 2AM- WTP1830	• Ammonia Management Plan, Version 3 dated March 2021;			

- Hazardous Materials Management Plan, Version 6 dated July 2020;
- Meadowbank and Whale Tail Blast Monitoring Program, Version 6 dated March 2021;
- Spill Contingency Plan, Version 13 dated March 2021;
- Emergency Response Plan, Version 16 dated March 2021;
- Quality Assurance / Quality Control (QA/QC) Plan, Version 6 dated July 2020.

The Board advises that the following management plans address the requirements of the Licences:

- For the Meadowbank Licence:
  - o Meadowbank 2020 Water Management Report and Plan, Version 9 dated April 2021;
  - o Meadowbank Landfill Design and Management Plan, Version 5 dated March 2021;
  - o Oil Handling Facility: Oil Pollution Emergency Plan, Version 13 dated April 2021;
- For the Whale Tail Pit Licence:
  - o Whale Tail Pit Landfill and Waste Management Plan, Version 4 dated March 2021;
  - o Water Management Plan, Version 6 dated April 2021;
- For both Meadowbank Licence and Whale Tail Pit Licence:
  - Meadowbank and Whale Tail Bulk Fuel Storage Facility: Environmental Performance Monitoring Plan, Version 6 dated March 2021;
  - o Ammonia Management Plan, Version 3 dated March 2021;
  - o Hazardous Materials Management Plan, Version 6 dated July 2020;
  - o Meadowbank and Whale Tail Blast Monitoring Program, Version 6 dated March 2021:
  - o Spill Contingency Plan, Version 13 dated March 2021; and
  - o Emergency Response Plan, Version 16 dated March 2021.

The Board notes that the NWB approved the document entitled *Operational ARD-ML Sampling and Testing Plan – Whale Tail Pit Project* dated November 2020 with the issuance of correspondence on January 22, 2021. The NWB finds that, as the interveners expressed their concerns on some of the management plans as outlined in Table 1, some of the submitted plans require further work for the next updated plans.

If you have any questions, please contact the undersigned at <a href="mailto:assol.kubeisinova@nwb-oen.ca">assol.kubeisinova@nwb-oen.ca</a> or (867) 360 6338.

Best regards,

Assol Kubeisinova Nunavut Water Board Technical Advisor

CC: Distribution list - Meadowbank Attachments: KivIA, CIRNA, ECCC