

**APPENDIX 8 2023 ANNUAL GEOTECHNICAL REPORT AGNICO
EAGLE REPONSES AND ACTION TABLE**

Dikes									
Annual Geotechnical Inspection Recommendation (Tetra Tech, 2023)			Priority Level (AEM 2024)	Recommendation (s) to be Implemented?	AEM Response to Recommendation	Additional Action(s) Required	Responsible Department(s)	Expected Date of Implementation	Comment/Additional Action (s) Required
1.	Dike Repair/Maintenance	Consideration could be given to regrade the channel base to maintain a positive gradient to promote the water flow at observed ponding areas.	Medium	Yes	Maintenance of the channel is planned for 2024.		Environment and E&I	Q3 2024	
2.		Additional rockfill should be placed to cover the east shoulder of the collection channels in the winter of 2023/2024 to reduce the permafrost degradation in this area.	Medium	Yes	Maintenance of the channel is planned for 2024.		Environment and E&I	Q3 2024	
3.	Inspection and Monitoring	Closely monitor the ground temperatures at the HGTC-5 location to assess the impact of the pipeline crossing at Station 1+125 on the thermal performance of Dike D-CP1.	Medium	Yes	AEM continues to monitor the dikes as per the schedule and procedures in the OMS manual		Environment	On-going	

WRSFs									
Annual Geotechnical Inspection Recommendation (Tetra Tech, 2023)			Priority Level (AEM 2024)	Recommendation (s) to be Implemented?	AEM Response to Recommendation	Additional Action(s) Required	Responsible Department(s)	Expected Date of Implementation	Comment/Additional Action(s) Required
1.	WRSF1 Inspection and Monitoring	The free dumps placed on 97 m bench be spread and compacted to avoid settlement and cracking. New waste material should be placed as per the construction protocol established in the OMS manual. The performance of the facility should continue to be monitored on an ongoing basis as outlined in the OMS Manual.	Medium	Already Implemented	The free dumped material was flattened and additional material was placed over the area.	AEM continues to monitor the WRSFs as per the schedule and procedures in the OMS manual	Environment and Open Pit Operations	Complete	
2.	WRSF3 Inspection and Monitoring	The depression area and cracks observed on Bench 72 m be filled with waste rock and apply traffic compaction.	Medium	Already Implemented	Prior to placement of the 77m lift, the depressions were filled and compacted with traffic.		Environment and Open Pit Operations	Complete	
3.	WRSF3 Inspection and Monitoring	The ponded water at southwest corner of WRSF3 be pumped out regularly or consider a channel and sump to divert/collect runoff water to prevent permafrost degradation at WRSF3 toe.	Medium	Already Implemented	The area of interest is periodically pumped out as required. AEM will consider additional mitigation measures as the need arises.		Environment and water management	On-going	

TSF									
Annual Geotechnical Inspection Recommendation (Tetra Tech, 2023)			Priority Level (AEM 2024)	Recommendation (s) to be Implemented?	AEM Response to Recommendation	Additional Action(s) Required	Responsible Department(s)	Exected Date of Implementation	Comment/Additional Action(s) Required
1.	Inspection and Monitoring	Tailings erosion was observed at various locations on the top of Cell 1 between the tailings and the perimeter rockfill cover zone after an intense rainfall event. The tailings erosion is likely caused by the ponding water at the local depression area. It is recommended that the tailings be higher than the perimeter rockfill to avoid the formation of the depression zone and the top surface of each perimeter rockfill layer has a slight slope (2%) to the outside to create a shed effect and promote the runoff flow away from the tailings and rockfill interface.	High	Already Implemented	The placement procedure has been updated per the recommendation and placement is following the updatd procedure.	AEM will continue to monitor the tailings and waste rock interface to assess if additional measures are required.	Environment and E&I	Complete	

Water Management									
Annual Geotechnical Inspection Recommendation (Tetra Tech, 2023)			Priority Level (AEM, 2024)	Recommendation (s) to be Implemented?	AEM Response to Recommendation	Additional Action(s) Required	Responsible Department(s)	Expected Date of Implementation	Comment/Additional Action(s) Required
1.	Channel 1, 2 and 7	Continue to monitor subsidence at the base of Channels 1, 2, and 7 to determine if they impact the channels' performance.	Low	Yes	AEM will continue to monitor the areas of interest and assess their performance.		Environment	On-going	
2.	Berm 3	Berm 3 cover materials are susceptible to erosion and some minor erosion was observed during the inspection. Erosion of the slopes should be monitored, and consideration should be given to placing coarser material on Berm 3 to reduce the potential for erosion if it becomes substantial.	Low	Yes	AEM will continue to monitor the areas of interest and assess their performance.		Environment	On-going	
3.	Channel 5	It is recommended that the northern half of Channel 5 be reconstructed to the design grade and elevation. If practical, the base of the channel should be over excavated and backfilled with rockfill material to accommodate any future thaw subsidence after the reconstruction. The base of the southern half of the channel should be regraded to promote water flow and reduce further subsidence due to the water ponding.	Medium	Yes	AEM started maintenance of channel 5 in 2023. The remaining work is planned for 2024.		Environment and E&I	Q4 2024	
4.	Pond CP4/Berm CP4	Continue monitoring the area between CP4 and the upstream slope of CP4 Berm for settlement to confirm adequate protection is provided to the till berm.	Low	Yes	AEM will continue to monitor the areas of interest and assess their performance.		Environment	On-going	
5.	Pond CP4/Berm CP4	It is recommended to monitor the surface erosion and performance of the Channel 4 Berm during freshet to determine the requirement of mitigation.	Medium	Yes	AEM will continue to monitor the areas of interest and assess the berms performance.		Environment	On-going	
6.	Pond CP2/Berm CP2	The area against the upstream side of CP2 Thermal Berm with the observed ponded water should be covered with rockfill to prevent future ponding and potential thermal degradation of the native ground between the thermal berm and crest of CP2.	Medium	Already Implemented	The area of interest was filled in Q4 2023.		Environment and Open Pit Operations	Complete	AEM will continue to monitor the area and asses the performance of the fill.
		The area between CP2, Channel 9, Channel 10, and WRSF3 should be covered with rockfill as thermal cover to prevent any potential permafrost degradation of the native ground.	Medium	Yes	The area of interest is planned to be filled in 2024.		Environment and Open Pit Operations	Q4 2024	
7.	Pond CP6/Berm CP6	It is recommended that the small water ponding area between the CP6 access ramp and CP6 Thermal Berm be filled with coarse rockfill to avoid future water ponding in the area.	Low	Yes	The work is planned to be completed in 2024		Environment and Open Pit Operations	Q4 2024	
		It is recommended to further extend the CP6 access ramp to the base of CP6 as per design to provide operations with safe access for dewatering.	Low	Already Implemented	The area of interest was filled in Q4 2023.		Environment and Open Pit Operations	Complete	AEM will continue to monitor the area and asses the performance of the fill.
8.	Saline Pond 1	The berms located at the bottom of the access ramp into Saline Pond 1 should be improved for safety. The arrangement of the pipelines along the ramp should be improved for safety and to ease access.	High	Yes	The work is planned to be completed in 2024		E&I	Q2 2024	

Other Site Infrastructure									
Annual Geotechnical Inspection Recommendation (Tetra Tech, 2023)			Priority Level (AEM, 2024)	Recommendation (s) to be Implemented?	AEM Response to Recommendation	Additional Action(s) Required	Responsible Department(s)	Expected Date of Implementation	Comment/Additional Action(s) Required
1.	Operation Landfill	It is recommended that the landfill be covered in stages with intermediate cover to avoid blowing debris.	Low	Already Implemented	The Landfill management plan includes a requirement for progressive capping of the Landfill. The progressive capping has started in 2023 and will continue in 2024 as material becomes available for capping.		E&I	Complete	
2.	by pass road and Fuel Storage	Water in the facility should be emptied as soon as practical to reduce the risk of erosion	Low	Already Implemented	The water is emptied regularly following receipt of acceptable test results and as per Water Licence requirements.		E&I	On-going	
3.	by pass road and Fuel Storage	It is recommended that an appropriate identification sign be installed for each culvert.	Low	Yes	AEM will add signage to the culverts.		E&I	Q4 2024	
4.	Other Facilities	It is recommended that the voids underneath the footing foundations that support the corrugated steel entry of Portal No. 2 are backfilled, and erosion protection measures are put in place to prevent additional erosion along the base of the footing.	Low	Yes	The area performed adequately over the previous year. The area will continue to be monitored and repaired when able.	Monitor performance of the portal	Underground Operations	N/A	

AWAR									
Annual Geotechnical Inspection Recommendation (Tetra Tech, 2023)			Priority Level (AEM, 2024)	Recommendation (s) to be Implemented?	AEM Response to Recommendation	Additional Action(s) Required	Responsible Department(s)	Expected Date of Implementation	Comment/Additional Action(s) Required
	Culverts	It is recommended that the locations along the AWAR selected for culvert installations be completed as per the detailed design Issued for Review by Tetra Tech.	High	Yes	AEM will construct the required culvert during the waterline construction. Construction timeline is subject receiving authorization and permits.		Environment and Construction	Q4 2025	
	Culverts	Continue monitoring the water ponding area along the AWAR road where a culvert was not installed and evaluate the performance and determine the requirement of a culvert. It is recommended that an appropriate identification sign be installed for each culvert.	Medium	Yes	AEM will continue to monitor the AWAR per freshet management plan and will add signage to the culverts.		Environment and E&I	On-going	