

Appendix 8: 2022 Annual
Geotechnical Report Agnico Eagle
Responses and Action Table

Annual Geotechnical Inspection Recommendation (Tetra Tech, 2022)			Priority Level (AEM 2023)	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.	Inspection and Monitoring	It is recommended to closely monitor the potential settlement near settlement point M-6 (Station 1+510) for signs of deformation and to confirm if the recorded displacement of 49 mm between September 2021 and January 2022 is actual or a measurement error in the prism or benchmark.	High	Already Implemented	AEM made improvements to the prism monitoring system in Q4 2022 and will evaluate whether additional improvements are required.		Engineering		AEM continues to monitor the dikes as per the schedule and procedures in the OMS manual
		Improvements to the survey monitoring system could be considered to reduce "noise" in the settlement monitoring data for Dike D-CP1.	High	Already Implemented	AEM made improvements to the prism monitoring system in Q4 2022 and will evaluate whether additional improvements are required.		Engineering		AEM continues to monitor the dikes as per the schedule and procedures in the OMS manual
2	Dike Repair/Maintenance	Repair the ground subsidence along the crests of the seepage collection channel downstream of D-CP1 to maintain the functionality of the channel	Low	Yes	AEM started maintenance of the channel in 2022 and will continue the maintenance in 2023. The channel functions in its current state.		Engineering	Q4 2023	AEM continues to monitor the dikes as per the schedule and procedures in the OMS manual

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1.	Inspection and Monitoring	HGTC-02 within WRSF3 foundation has stopped taking measurements since July 26, 2022. The GTC should be investigated to determine the reason for the malfunction and if the cable is still operable.	Medium	Already Implemented	AEM had the instrument supplier come to site and investigate the instrument and they were not able to get the instrument to work and determined that the instrument was likely severed and not repairable.	Continue to monitor performance	Engineering/Operations		WRSF1 and WRSF 3 will continue to be monitored as part of the site-wide geotechnical monitoring program

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	Inspection and Monitoring	Erosion and cracking along the toe of the exposed north slope of Cell 1 should continue to be monitored. AEM has completed repairs of the north slope toe during expansion of the facility into Cell 2 in December 2023. The area will be reinspected during the 2023 inspection	Medium	Already Implemented	AEM repaired the area in question in late 2022 and will work with the designer to improve the performance of the temporary slope.	AEM continues to monitor the TSF as per the schedule and procedures in the OMS manual	Engineering		
		Sediment within Channel 3 should be removed and disposed within an appropriate area for housekeeping and maintain proper drainage of the facility	High	Yes	AEM will remove the sediment and place it within the TSF.		E&I	Q4 2023	

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1.	Channel 2	It is recommended that a small berm be constructed such that Channel 2 outflow is better directed to Culvert #13.	Medium	Yes	AEM will construct the berm between two local high points prior to freshet 2023 pending receipt of the applicable approvals and permits .	Continue to monitor channel performance.	E&I/Environment	Q2 2023	N/A
2.	Channel 3	The subsided sections of Channel 3 and the subsided area adjacent the CP3 access road should be repaired to maintain functionality of the channel.	High	Yes	Maintenance of the channel and road will be carried out in 2023 to improve functionality.	N/A	E&I	Q3 2023	N/A
3.	Channel 4	It is recommended that the downstream Channel 4 Berm is extended to provide sufficient freeboard for Channel 4 at Station 0+620.	Low	Yes	AEM will continue to monitor the area in question and place the fill if it becomes necessary.	N/A	N/A	N/A	N/A
4.	Channel 5	Continue to monitor the cracking and subsidence in the native ground above Channel 5 to determine if they impact the channel's performance.	Medium	Yes	AEM will continue to monitor the area in question and assess the channels' performance.	N/A	N/A	N/A	N/A
5.	Channel 10	The diversion berm located at the inlet of Channel 10 should be fully constructed to prevent runoff from bypassing the top of the channel.	High	Already Implemented	AEM extended the berm in Q4 2022	AEM will continue to monitor the performance of area.	Engineering/Environment	N/A	N/A
6.	Pond CP2/Berm CP2	Extend the rockfill cover placed between CP2 Pond and Berm CP2 at the north end to prevent ponding in the area and potential ground thaw at the upstream toe of CP2 Berm.	Low	Yes	AEM will place fill in the area in question when material and equipment are available.	AEM will continue to monitor the performance of area.	Engineering/E&I	Q4 2023	N/A
8.	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.	Medium	Yes	AEM will continue to monitor the area in question and assess the performance.	N/A	Engineering/Environment	N/A	N/A
9.	Pond CP6/Berm CP6	It is recommended to complete construction of the CP6 access ramp as per design to provide operations with safe access for dewatering.	Low	Yes	AEM will construct ramp when material and equipment are available.	N/A	E&I	Q4 2023	N/A
		GTC-02 within Berm CP6 has stopped taking measurements since May 25, 2022. The GTC should be investigated to determine the reason for the malfunction and if the cable is still operable.	Medium	Already Implemented	AEM had the instrument supplier come to site and investigate the instrument and they were not able to get the instrument to work and determined that the instrument was likely severed and not repairable.	Continue to monitor berm performance.	Engineering/Operations	N/A	N/A
10.	Saline Pond 1	The berms located at the bottom of the access ramp into Saline Pond 1 should be improved for safety.	High	Yes	AEM will improve the berms.	N/A	E&I	Open Water 2023	N/A

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1.	Operation Landfill	It is recommended that the landfill be covered in stages with intermediate cover to avoid blowing debris. Continued waste separation can reduce landfill volume requirements.	Low	Yes	The landfill management plan will be reviewed and include a plan to progressively cover the landfill.	N/A	E&I / Environment	Q4 2023	
2.	Emulsion Plant Pad	It is recommended to move the shipping containers located on the south corner of the pad away from the crest of the pad for stability.	medium	Yes	The shipping containers will be moved away from the crest of the pad.	N/A	E&I	Q3 2023	
3.	Industrial Fuel Storage	Crush material underneath the pipeline cribbing going over the containment berm has been eroded away. Crush material should be placed back around the pipeline supports at the top of the containment berm to remove stress on the pipeline.	medium	Yes	The areas in question will be monitored during open water season 2023 and a plan will be developed to support the pipeline without damage to the liner system.	N/A	E&I	Q3 2023	
4.	Itivia Fuel Storage Site	It is recommended that fill crush be placed under the unsupported suspended pipe supports.	medium	Yes	The areas in question will be monitored during open water season 2023 and a plan will be developed to support the pipeline without damage to the liner system.	N/A	E&I	Q3 2023	

5.	Exploration Camp/Road	It is recommended the liner for the fuel storage and generator containment pad be further evaluated if the area is to be used in the future.	Low	No	There is no plan at this time to use the generators at exploration camp. The area will continue to be monitored.	N/A	Environment	N/A	
6.	Other Facilities	It is recommended that the voids underneath the footing foundations that support the corrugated steel entry of Portal 2 are backfilled, and erosion protection measures are put in place to prevent additional erosion along the base of the footing.	Low	Yes	The void under the footing will be further investigated and repaired.	N/A	E&I	Q3 2023	

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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.		Construction	Q4 2024	