



Photograph A6-15 IVR Dike D-1

Date: July 26, 2022

Photo Number: 16

Description: From approx. Sta. 0+030 (west abutment), looking southeast at the crest. Presence of settlement in the rockfill surface.



Photograph A6-16 IVR Dike D-1

Date: July 26, 2022

Photo Number: 17

Description: From approx. Sta. 0+050, looking south at the spillway. Presence of piping at the outlet of the spillway.



Photograph A6-17 IVR Dike D-1

Date: July 26, 2022

Photo Number: 18

Description: From approx. Sta. 0+050, looking south at the spillway and the crest.

Appendix A-7

Waste Rock Storage Facility I Dike

Client:	AEM	By:	Marion Habersetzer
Project:	Whale Tail Project	Date:	July 26, 2022
Location:	WRSF Dike	Reviewed:	Yves Boulianne

GENERAL INFORMATION

Dam Type:	Rockfill shell with a bituminous geomembrane liner tied in a fine filter amended with bentonite and a protective cover. Upstream thermal berm composed of esker partially amended with bentonite and a rockfill protection cover.		
Weather Conditions:	Sunny	Temperature:	15°C

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
1. DAM CREST		64, 65, 66, 67, 68, 69, 70, 71, 72, 73	
1.1 Crest elevation	El. 158.4 m (rockfill) El. 157.8 m (liner)		
1.2 Reservoir level	U/S level not available in 2022 (WRSF pond)		Visually, the pond was dry during the inspection.
Current freeboard	> 6 m (rockfill crest) > 6 m (liner)		Operational water level: 154 m
1.3 Distance to tailings pond (if applicable)	Not applicable		
1.4 Surface cracking	No		Old cracks are no longer visible.
1.5 Unexpected settlement	No		
1.6 Lateral movement	Not apparent		
1.7 Other unusual conditions	None		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
2. UPSTREAM SLOPE		67, 68, 69, 70	
2.1 Slope angle	2H: 1V		Adequate
2.2 Signs of erosion	None observed		
2.3 Signs of movement (deformation)	None observed		
2.4 Cracks	None observed		
2.5 Face liner condition (if applicable)	Not observed		Liner covered by thermal berm.
2.6 Other unusual conditions	None		
3. DOWNSTREAM SLOPE		64, 73	
3.1 Slope angle	1.5H:1V		Adequate
3.2 Signs of erosion	None observed		
3.3 Signs of movement (deformation)	None observed		
3.4 Cracks	None observed		
3.5 Seepage or wet areas	None observed.		
3.6 Vegetation growth	No		
3.7 Other unusual conditions	None		
4. DOWNSTREAM TOE AREA		64, 73	
4.1 Seepage from dam	None observed		Water ponding at the toe. No flow observed.
4.2 Signs of erosion	None observed		
4.3 Signs of turbidity in seepage water	None		
4.4 Discoloration/staining	No		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
4.5 Outlet operating problem (if applicable)	Not applicable		
4.6 Other unusual conditions	None		
5. ABUTMENTS			
5.1 Seepage at contact zone (abutment/embankment)	None observed		
5.2 Signs of erosion	None observed		
5.3 Excessive vegetation	No		
5.4 Presence of rodent burrows	None observed		
5.5 Other unusual conditions	None		
6. RESERVOIR			
6.1 Stability of slopes	Stable		
6.2 Distance to nearest slide (if applicable)	Not applicable		
6.3 Estimate of slide volume (if applicable)	None observed		
6.4 Floating debris	None		
6.5 Other unusual conditions	None		
7. EMERGENCY SPILLWAY/ OUTLET STRUCTURE	No spillway or outlet structure exists		
7.1 Surface condition			
7.2 Signs of erosion			

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
7.3 Signs of movement (deformation)			
7.4 Cracks			
7.5 Settlement			
7.6 Presence of debris or blockage			
7.7 Closure mechanism operational			
7.8 Slope protection			
7.9 Instability of side slopes			
7.10 Other unusual conditions			
8. INSTRUMENTATION			
8.1 Piezometers	No		
8.2 Settlement cells	No		
8.3 Thermistors	Yes		9 thermistors. See Section 4.2.2 of the report.
8.4 Settlement monuments	No		
8.5 Seismograph	No		
8.6 Inclinator	No		
8.7 Weirs and flow monitors	No		
8.8 Data logger(s)	Yes		
8.9 Other	No		
9. DOCUMENTATION			
9.1 Operation, Maintenance and Surveillance (OMS) Plan			
9.1.1 OMS Plan exists	Yes		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
9.1.2 OMS Plan reflects current dam conditions	Yes		
9.1.3 Date of last revision	November 2021		
9.2 Emergency Preparedness Plan (EPP)			
9.2.1 EPP exists	Yes		
9.2.2 EPP reflects current conditions	Yes		
9.2.3 Date of last revision	September 2021		
10. NOTES			
Inspector's Signature	Marion Habersetzer	Date:	July 26, 2022



Photograph A7-1 WRSF Dike

Date: July 26, 2022

Photo Number: 64

Description: From approx. Sta. 0+350 (east abutment), looking west at the dike crest and downstream slope. Presence of water ponding at the toe.



Photograph A7-2 WRSF Dike

Date: July 26, 2022

Photo Number: 65

Description: From approx. Sta. 0+350 (east abutment), looking west at the dike crest.



Photograph A7-3 WRSF Dike

Date: July 26, 2022

Photo Number: 66

Description: From approx. Sta. 0+350 (east abutment), looking west at the upstream thermal berm crest.



Photograph A7-4 WRSF Dike

Date: July 26, 2022

Photo Number: 67

Description: From approx. Sta. 0+350 (east abutment), looking west at the upstream thermal berm slope and dewatering ramp.



Photograph A7-5 WRSF Dike

Date: July 26, 2022

Photo Number: 68

Description: From approx. Sta. 0+210, looking east at the upstream thermal berm and dewatering ramp.



Photograph A7-6 WRSF Dike

Date: July 26, 2022

Photo Number: 69

Description: From approx. Sta. 0+210, looking west at the upstream thermal berm.



Photograph A7-7 WRSF Dike

Date: July 26, 2022

Photo Number: 70

Description: From approx. Sta. 0+080 (west abutment), looking east at the upstream thermal berm slope and the upstream toe.



Photograph A7-8 WRSF Dike

Date: July 26, 2022

Photo Number: 71

Description: From approx. Sta. 0+080 (west abutment), looking east at the upstream thermal berm crest. Presence of holes (approx. 300mm)



Photograph A7-9 WRSF Dike

Date: July 26, 2022

Photo Number: 72

Description: From approx. Sta. 0+080 (west abutment), looking east at the dike crest.



Photograph A7-10 WRSF Dike

Date: July 26, 2022

Photo Number: 73

Description: From approx. Sta. 0+080 (west abutment), looking east at the downstream toe.

Appendix A-8

Mammoth Dike

Client: AEM **By:** Marion Habersetzer
Project: Whale Tail Project **Date:** July 26, 2022
Location: Mammoth Dike **Reviewed:** Yves Boulianne

GENERAL INFORMATION

Dam Type:	Rockfill shell with a bituminous geomembrane liner tied in a fine filter amended with bentonite and a protective cover.		
Weather Conditions:	Cloudy	Temperature:	15°C

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
1. DAM CREST		77, 78, 80, 79, 81, 75, 74	
1.1 Crest elevation	El. 155 m (rockfill) El. 153.5 m (liner)		
1.2 Reservoir level	U/S El. 152.49 m (Mammoth Lake)		
Current freeboard	2.51 m (rockfill crest) 1.01 m (liner)		Operational water level: 152.5 m
1.3 Distance to tailings pond (if applicable)	Not applicable		
1.4 Surface cracking	Not apparent		
1.5 Unexpected settlement	Not apparent		
1.6 Lateral movement	Not apparent		
1.7 Other unusual conditions	Lower crest		Around Sta. 0+220. Lower crest (approx. 300mm), likely from insufficient regrading of the material. Water ponding in the depression when wet.

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
2. UPSTREAM SLOPE		78, 80, 79, 81, 75	
2.1 Slope angle	2H: 1V		Adequate
2.2 Signs of erosion	None observed		
2.3 Signs of movement (deformation)	None observed		
2.4 Cracks	None observed		
2.5 Face liner condition (if applicable)	Not observed		Liner covered by thermal berm.
2.6 Other unusual conditions	None		
3. DOWNSTREAM SLOPE		74, 76	
3.1 Slope angle	1.5H:1V		Adequate
3.2 Signs of erosion	None observed		
3.3 Signs of movement (deformation)	None observed		
3.4 Cracks	None observed		
3.5 Seepage or wet areas	None observed.		
3.6 Vegetation growth	No		
3.7 Other unusual conditions	None		
4. DOWNSTREAM TOE AREA		74, 76	
4.1 Seepage from dam	None observed		Water ponding some distance from the toe. No flow observed. The pond was being pumped out at the time of the inspection.
4.2 Signs of erosion	None observed		
4.3 Signs of turbidity in seepage water	None		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
4.4 Discoloration/staining	No		
4.5 Outlet operating problem (if applicable)	Not applicable		
4.6 Other unusual conditions	None		
5. ABUTMENTS			
5.1 Seepage at contact zone (abutment/embankment)	None observed		
5.2 Signs of erosion	None observed		
5.3 Excessive vegetation	No		
5.4 Presence of rodent burrows	None observed		
5.5 Other unusual conditions	None		
6. RESERVOIR		78, 80, 79, 81, 75	
6.1 Stability of slopes	Stable		
6.2 Distance to nearest slide (if applicable)	Not applicable		
6.3 Estimate of slide volume (if applicable)	None observed		
6.4 Floating debris	None		
6.5 Other unusual conditions	None		
7. EMERGENCY SPILLWAY/ OUTLET STRUCTURE	No spillway or outlet structure exists		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
7.1 Surface condition			
7.2 Signs of erosion			
7.3 Signs of movement (deformation)			
7.4 Cracks			
7.5 Settlement			
7.6 Presence of debris or blockage			
7.7 Closure mechanism operational			
7.8 Slope protection			
7.9 Instability of side slopes			
7.10 Other unusual conditions			
8. INSTRUMENTATION			
8.1 Piezometers	No		
8.2 Settlement cells	No		
8.3 Thermistors	Yes		3 thermistors. See Section 4.4.2 of the report.
8.4 Settlement monuments	No		
8.5 Seismograph	No		
8.6 Inclinator	No		
8.7 Weirs and flow monitors	No		
8.8 Data logger(s)	Yes		
8.9 Other	No		
9. DOCUMENTATION			

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
9.1 Operation, Maintenance and Surveillance (OMS) Plan			
9.1.1 OMS Plan exists	Yes		
9.1.2 OMS Plan reflects current dam conditions	Yes		
9.1.3 Date of last revision	November 2021		
9.2 Emergency Preparedness Plan (EPP)			
9.2.1 EPP exists	Yes		
9.2.2 EPP reflects current conditions	Yes		
9.2.3 Date of last revision	September 2021		
10. NOTES			
Inspector's Signature	Marion Habersetzer	Date:	July 26, 2022



Photograph A8-1 Mammoth Dike

Date: July 26, 2022

Photo Number: 75

Description: From approx. Sta. 0+300 (south abutment), looking north to the crest and upstream liner tie-in.



Photograph A8-2 Mammoth Dike

Date: July 26, 2022

Photo Number: 74

Description: From approx. Sta. 0+300 (south abutment), looking north to the crest and downstream slope.



Photograph A8-3 Mammoth Dike

Date: July 26, 2022

Photo Number: 77

Description: From approx. Sta. 0+100 (north abutment), looking south to the crest.



Photograph A8-4 Mammoth Dike

Date: July 26, 2022

Photo Number: 76

Description: From approx. Sta. 0+100 (north abutment), looking south downstream slope and downstream area.



Photograph A8-5 Mammoth Dike

Date: July 26, 2022

Photo Number: 78

Description: From approx. Sta. 0+110 (north abutment), looking south to the upstream liner tie-in.



Photograph A8-6 Mammoth Dike

Date: July 26, 2022

Photo Number: 79

Description: From approx. Sta. 0+180, looking north to the upstream liner tie-in.



Photograph A8-7 Mammoth Dike

Date: July 26, 2022

Photo Number: 80

Description: From approx. Sta. 0+180, looking south to the upstream liner tie-in.



Photograph A8-8 Mammoth Dike

Date: July 26, 2022

Photo Number: 81

Description: From approx. Sta. 0+250, looking north to the upstream liner tie-in.

APPENDIX B

TAILING STORAGE FACILITY

Appendix B-1

North Cell Internal Structure

Client:	AEM	By:	Marion Habersetzer
Project:	Meadowbank	Date:	July 31, 2022
Location:	North Cell Internal Structure	Reviewed:	Yves Boulianne

GENERAL INFORMATION

Dam Type:	Rockfill embankment with upstream filters built inside the existing North Cell		
Weather Conditions:	Rainy	Temperature:	10°C

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
1. DAM CREST		345, 346, 347, 348, 349, 354, 355, 352, 353	
1.1 Crest elevation	152 to 154 m		Design 154 m
1.2 Reservoir level	149.5 m to 152.1 m – tailings 147 m - water		
Current freeboard	1.9 m to 2.5 m - tailings 5 m to 7 m - water		Design 2 m water, 0.5 m tailings
1.3 Distance to tailings pond (if applicable)	>100 m		Tailings beach all along the NCIS
1.4 Surface cracking	None observed		
1.5 Unexpected settlement	None observed		
1.6 Lateral movement	Not apparent		
1.7 Other unusual conditions	None		Some water ponding on crest due to snow melt and precipitations.

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
2. UPSTREAM SLOPE		345, 346, 347, 348, 349, 354, 355, 351, 352, 353	
2.1 Slope angle	Approx. 3H:1V		Rockfill
2.2 Signs of erosion	Localized erosion features on upstream slope.	351	Due to water discharge from the crest. Some erosion on the fine filter
2.3 Signs of movement (deformation)	None		
2.4 Cracks	None		Surface repaired in 2021
2.5 Face liner condition (if applicable)	In good condition		
2.6 Other unusual conditions	None		
3. DOWNSTREAM SLOPE			
3.1 Slope angle	Approx. 1.2H or 1.3 H:1V variable		Rockfill
3.2 Signs of erosion	None observed		
3.3 Signs of movement (deformation)	None observed		
3.4 Cracks	None observed		
3.5 Seepage or wet areas	None observed		
3.6 Vegetation growth	None observed		
3.7 Other unusual conditions	None		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
4. DOWNSTREAM TOE AREA		356	
4.1 Seepage from dam	Yes		Pumping stations are in place downstream of the structure and in operation as needed.
4.2 Signs of erosion	None observed		
4.3 Signs of turbidity in seepage water	Not applicable		
4.4 Discoloration/staining	No		
4.5 Outlet operating problem (if applicable)	Not applicable		
4.6 Other unusual conditions			
5. ABUTMENTS			
5.1 Seepage at contact zone (abutment/embankment)	None observed		
5.2 Signs of erosion	None observed		
5.3 Excessive vegetation	No		
5.4 Presence of rodent burrows	None observed		
5.5 Other unusual conditions	None		
6. RESERVOIR			
6.1 Stability of slopes	Stable		
6.2 Distance to nearest slide	None observed		
6.3 Estimate of slide volume (if applicable)	Not applicable		
6.4 Floating debris	None observed		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
6.5 Other unusual conditions	No		
7. EMERGENCY SPILLWAY/ OUTLET STRUCTURE			
7.1 Surface condition	No spillway or outlet structure exists, only dewatering pump.		
7.2 Signs of erosion			
7.3 Signs of movement (deformation)			
7.4 Cracks			
7.5 Settlement			
7.6 Presence of debris or blockage			
7.7 Closure mechanism operational			
7.8 Slope protection			
7.9 Instability of side slopes			
7.10 Other unusual conditions			
8. INSTRUMENTATION			
8.1 Piezometers	No		
8.2 Settlement cells	No		
8.3 Thermistors	Yes		See Section 5.4.2 of the report.
8.4 Settlement monuments	Yes		16 prisms installed. See Section 5.4.2 of the report.
8.5 Seismograph	No		
8.6 Inclinator	No		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
8.7 Weirs and flow monitors	No		A temporary seepage collection and pump back system is built and will be completed at a later time according to the design.
8.8 Data logger(s)	Yes		
8.9 Other			
9. DOCUMENTATION			
9.1 Operation, Maintenance and Surveillance (OMS) Plan			
9.1.1 OMS Plan exists	Yes		
9.1.2 OMS Plan reflects current dam conditions	Yes		
9.1.3 Date of last revision	July 2021		
9.2 Emergency Preparedness Plan (EPP)			
9.2.1 EPP exists	Yes		
9.2.2 EPP reflects current conditions	Yes		
9.2.3 Date of last revision	September 2021		
10. NOTES :			
Inspector's Signature	Marion Habersetzer	Date:	July 31, 2022



Photograph B1-1 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 354

Description: From the North Cell Internal Structure, looking northeast toward the upstream slope and the North Cell.



Photograph B1-2 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 355

Description: From the North Cell Internal Structure, looking southwest toward the upstream slope and the North Cell.



Photograph B1-3 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 356

Description: From the North Cell Internal Structure, looking north toward the diversion ditch.



Photograph B1-4 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 353

Description: From the North Cell Internal Structure, looking west at the North Cell and upstream slope.



Photograph B1-5 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 352

Description: From the North Cell Internal Structure, looking east at the North Cell and upstream slope.



Photograph B1-6 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 351

Description: From the North Cell Internal Structure, looking south at the North Cell and upstream slope. Presence of erosion on the upstream slope surface.



Photograph B1-7 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 350

Description: From the North Cell Internal Structure at approx. Sta. 2+600, looking west at the upstream slope.



Photograph B1-8 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 349

Description: From the North Cell Internal Structure at approx. Sta. 2+400, looking northwest at the upstream slope. Presence of tension crack on upstream slope (approx. 10-20 mm wide)



Photograph B1-9 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 348

Description: From the North Cell Internal Structure at approx. Sta. 2+700, looking northwest at the upstream slope. Presence of tension crack on upstream slope (approx. 10-20 mm wide)



Photograph B1-10 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 347

Description: From the North Cell Internal Structure at approx. Sta. 2+700, looking northwest at the upstream slope. Presence of tension crack on upstream slope (approx. 10-20 mm wide)



Photograph B1-11 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 345

Description: From the North Cell Internal Structure at approx. Sta. 3+100, looking southwest at the upstream slope. Presence of tension crack on upstream slope (approx. 10-20 mm wide)



Photograph B1-12 Tailings Storage Facility

Date: July 31, 2022

Photo Number: 346

Description: From the North Cell Internal Structure at approx. Sta. 3+100, looking northeast at the upstream slope. Presence of tension crack on upstream slope (approx. 10-20 mm wide).

Appendix B-2

Saddle Dam 1

Client:	AEM	By:	Marion Habersetzer
Project:	Meadowbank	Date:	July 29, 2022
Location:	Saddle Dam 1	Reviewed:	Yves Boulianne

GENERAL INFORMATION

Dam Type:	Rockfill embankment with inverted filter on base, upstream filters, a geomembrane liner tied in a toe till plug and protective cover.		
Weather Conditions:	Cloudy	Temperature:	15°C

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
1. DAM CREST		259, 252, 253, 254, 256, 257, 258	
1.1 Crest elevation	150 m		Design 150 m
1.2 Reservoir level	149.5 m - tailings		
Current freeboard	0.5 m -tailings		Design 2 m water, 0.5 m tailings
1.3 Distance to tailings pond (if applicable)	>300 m		Tailings beach all along SD1
1.4 Surface cracking	None at time of inspection		
1.5 Unexpected settlement	None observed		
1.6 Lateral movement	Not apparent		
1.7 Other unusual conditions	None		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
2. UPSTREAM SLOPE		252, 253, 254, 255, 256	
2.1 Slope angle	Approx. 3H:1V		Rockfill
2.2 Signs of erosion	None observed		
2.3 Signs of movement (deformation)	None observed		
2.4 Cracks	None observed		
2.5 Face liner condition (if applicable)	In good condition		
2.6 Other unusual conditions	None		
3. DOWNSTREAM SLOPE		259, 257	
3.1 Slope angle	Approx. 1.2H or 1.3 H:1V variable		Rockfill
3.2 Signs of erosion	None observed		
3.3 Signs of movement (deformation)	None observed		
3.4 Cracks	None observed		
3.5 Seepage or wet areas	None observed		
3.6 Vegetation growth	None observed		
3.7 Other unusual conditions	None		
4. DOWNSTREAM TOE AREA		259, 257	
4.1 Seepage from dam	Uncertain		A dewatering sump is installed downstream. Water was observed ponding in that area.
4.2 Signs of erosion	None observed		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
4.3 Signs of turbidity in seepage water	Not applicable		
4.4 Discoloration/staining	No		
4.5 Outlet operating problem (if applicable)	Not applicable		
4.6 Other unusual conditions			
5. ABUTMENTS			
5.1 Seepage at contact zone (abutment/embankment)	None observed		
5.2 Signs of erosion	None observed		
5.3 Excessive vegetation	No		
5.4 Presence of rodent burrows	None observed		
5.5 Other unusual conditions	None		
6. RESERVOIR		251, 255	
6.1 Stability of slopes	Stable		
6.2 Distance to nearest slide	None observed		
6.3 Estimate of slide volume (if applicable)	Not applicable		
6.4 Floating debris	None observed		
6.5 Other unusual conditions	No		A small pond of water was observed in the tailings and is not a concern.

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
7. EMERGENCY SPILLWAY/ OUTLET STRUCTURE			
7.1 Surface condition	No spillway or outlet structure exists, only dewatering pump.		
7.2 Signs of erosion			
7.3 Signs of movement (deformation)			
7.4 Cracks			
7.5 Settlement			
7.6 Presence of debris or blockage			
7.7 Closure mechanism operational			
7.8 Slope protection			
7.9 Instability of side slopes			
7.10 Other unusual conditions			
8. INSTRUMENTATION			
8.1 Piezometers	No		
8.2 Settlement cells	No		
8.3 Thermistors	Yes		See Section 5.2.2 of the report.
8.4 Settlement monuments	No		Construction drawings show settlement monuments to be installed on Stage 2 crest.
8.5 Seismograph	No		
8.6 Inclinator	No		

INSPECTION ITEM	OBSERVATIONS DATA	PHOTO	COMMENTS & OTHER DATA
8.7 Weirs and flow monitors	No		Per the design, a seepage collection and pump back system is built.
8.8 Data logger(s)	Yes		
8.9 Other			
9. DOCUMENTATION			
9.1 Operation, Maintenance and Surveillance (OMS) Plan			
9.1.1 OMS Plan exists	Yes		
9.1.2 OMS Plan reflects current dam conditions	Yes		
9.1.3 Date of last revision	July 2021		
9.2 Emergency Preparedness Plan (EPP)			
9.2.1 EPP exists	Yes		
9.2.2 EPP reflects current conditions	Yes		
9.2.3 Date of last revision	September 2021		
10. NOTES :			
Inspector's Signature	Marion Habersetzer	Date:	July 29, 2022

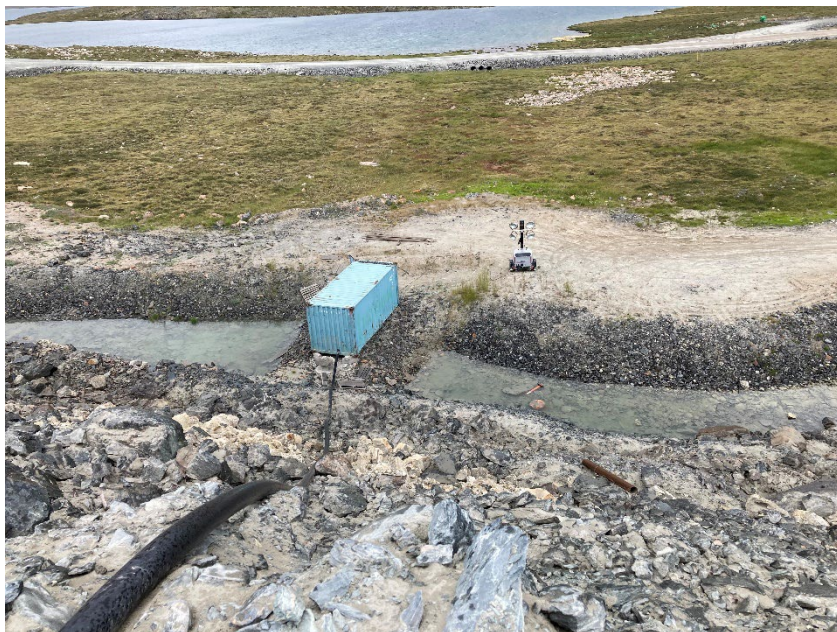


Photograph B2-1 Saddle Dam 1

Date: July 29, 2022

Photo Number: 257

Description: From the south abutment (Sta. 0+350) looking north at the downstream face. Notice the sea-can container where a sump is installed.



Photograph B2-2 Saddle Dam 1

Date: July 29, 2022

Photo Number: 259

Description: From Sta. 0+150 looking southwest at the downstream face. Notice the sea-can container where a sump is installed.



Photograph B2-3 Saddle Dam 1

Date: July 29, 2022

Photo Number: 252

Description: From approximately Sta. 0+055, looking south at the crest and upstream slope.



Photograph B2-4 Saddle Dam 1

Date: July 29, 2022

Photo Number: 253

Description: From approximately Sta. 0+195 upstream, looking south at the upstream slope. Adequate tailings beach against SD1. A small pond of water is present at the surface of the tailings and is not a concern.



Photograph B2-5 Saddle Dam 1

Date: July 29, 2022

Photo Number: 254

Description: From approximately Sta. 0+195 upstream, looking north at the upstream slope. Adequate tailings beach against SD1.



Photograph B2-6 Saddle Dam 1

Date: July 29, 2022

Photo Number: 256

Description: From the south abutment looking north at the upstream slope. Adequate tailings beach against SD1.