6.0 PHOTOGRAPHS

Photograph NCIS-073: From Sta. 1+300/-33 m (approx.), looking N. Placement of a 0.5 m thick lift of fine filter over the coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 1+320 m to 1+300 m.

Photograph NCIS-074: From Sta. 2+750/-37 m (approx.), looking SE. Compaction of the 0.5 m lift (approx.) of fine filter between El. 150 and 152 m with a 10-tonne smooth-drum compactor (4 passes) in the upstream slope from Sta. 2+810 m to 2+095 m. Vibration is used except for the first pass down the slope in order to stabilize the material and limit deformation of the lift.

Photograph NCIS-075: From Sta. 2+860/-36 m (approx.), looking S. Placement of a 0.5 m thick lift of coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 2+815 m to 2+980 m.

QA DAILY REPORT

DATE July 5th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 4TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 14°C, sunny, cloudy and a little rain.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- Keep a safe distance from the compactor as it is towed in the slope by an excavator, in case of a failure of the steel cable.
- A blast is planned at 12:45 at Pit E.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- Following discussion with AEM, SANA will build an enlarged access ramp for the El. 154 m lift over the water pipe crossing the dike at El. 152 m around Sta. 2+780 (approx.), as the current access is too narrow for the passage of two haul trucks.

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4.0 DESCRIPTION OF CONSTRUCTION WORK PERFORMED AND QA OBSERVATIONS

The QA activities by Golder are based on periodic inspections performed by the QA Engineer in order to monitor the construction activities and progress of the structure of the North Cell of the TSF. This report must be read in conjunction with the QC Report. The following tables summarize the progress and observations made for each structure.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Upstream	■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+300 m to 1+175 m and from 3+070 m to 3+160 m. ■ Placement of a 0.5 m thick lift of fine filter over the coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 2+810 m to 2+800 m. ■ Placement of a 0.5 m thick lift of coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 2+980 m to 3+160 m. ■ Compaction of the 0.5 m lift (approx.) of coarse filter between El. 150 and 152 m with a 10-tonne smooth-drum compactor (4 passes) in the upstream slope from Sta. 2+810 m to 2+925 m.

5.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 2 and Table 3 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 2: Samples taken by the QC

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

Table 3: Samples taken by the QA

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result
FF-415-2018	2018-07-02	2018-07-04	Fine Filter	SANA Crusher Second Stockpile	Gradation	Slightly too many large particles, but accepted provided the material is well-graded
					Water content	3.56%

6.0 PHOTOGRAPHS

Photograph NCIS-076: From Sta. 2+940/-15 m (approx.), looking SW. Placement of a 0.5 m thick lift of coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 2+980 m to 3+160 m.

Photograph NCIS-077: From Sta. 1+310/-32 m (approx.), looking S. Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+300 m to 1+175 m and from 3+070 m to 3+160 m.

QA DAILY REPORT

DATE July 6th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 5TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 15°C, cloudy with showers.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- Keep a safe distance from the compactor as it is towed in the slope by an excavator, in case of a failure of the steel cable.
- An employee off duty was killed by a polar bear. A psychologist will be present on the mine to support the employees affected by the tragedy.
- A blast is planned at 18:30 at Pit E.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- The QA Manager observed a few holes up to 0.1 m deep and 0.2 m (approx.) wide in the fine filter surface around Sta. 1+360 m. According to SANA foreman, they may result from the thawing of ice blocks in the filter material. This section of fine filter is yet to be compacted. According to SANA foreman, the compaction should fill the holes. If holes remain they will be fill with fine filter material.

4.0 DESCRIPTION OF CONSTRUCTION WORK PERFORMED AND QA OBSERVATIONS

The QA activities by Golder are based on periodic inspections performed by the QA Engineer in order to monitor the construction activities and progress of the structure of the North Cell of the TSF. This report must be read in conjunction with the QC Report. The following tables summarize the progress and observations made for each structure.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Upstream	■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+165 m to 1+200 m. ■ Placement of a 0.5 m thick lift of fine filter over the coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 2+800 m to 2+980 m. ■ Placement of a 0.5 m thick lift of coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 1+300 m to 1+200 m. ■ Compaction of the 0.5 m lift (approx.) of coarse filter between El. 150 and 152 m with a 10-tonne smooth-drum compactor (4 passes) in the upstream slope from Sta. 2+925 m to 3+160 m and from Sta. 1+300 m to 1+200 m. ■ Compaction of the 0.5 m lift (approx.) of fine filter between El. 150 and 152 m with a 10-tonne smooth-drum compactor with vibration (4 passes) in the upstream slope from Sta. 2+095 m to 2+000 m.

5.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 2 and Table 3 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 2: Samples taken by the QC

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result
FF-416-2018	2018-07-05		Fine Filter	North Cell Internal Structure, Sta. 2+900/-31 m, El. 152 m	Gradation	
					Water content	

Table 3: Samples taken by the QA

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

6.0 PHOTOGRAPHS

Photograph NCIS-078: From Sta. 2+760/-39 m (approx.), looking S. Placement of a 0.5 m thick lift of fine filter over the coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 2+800 m to 2+980 m.

Photograph NCIS-079: From Sta. 1+280/-39 m (approx.), looking SW. Placement of a 0.5 m thick lift of coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 1+300 m to 1+200 m.

Photograph NCIS-080: From Sta. 2+800/-38 m (approx.), looking S. Compaction of the 0.5 m lift (approx.) of coarse filter between El. 150 and 152 m with a 10-tonne smooth-drum compactor (4 passes) in the upstream slope from Sta. 2+925 m to 3+160 m and from Sta. 1+300 m to 1+200 m.

QA DAILY REPORT

DATE July 7th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 6TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 15°C, cloudy.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- A blast is planned at 12:45 at Vault Pit.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- No compactor is available from today to Monday as it is used to compact the airstrip.

4.0 DESCRIPTION OF CONSTRUCTION WORK PERFORMED AND QA OBSERVATIONS

The QA activities by Golder are based on periodic inspections performed by the QA Engineer in order to monitor the construction activities and progress of the structure of the North Cell of the TSF. This report must be read in conjunction with the QC Report. The following tables summarize the progress and observations made for each structure.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Upstream	■ Placement of a 0.5 m thick lift of fine filter over the coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 1+300 m to 1+210 m and from Sta. 2+940 m to 3+120 m.

5.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 2 and Table 3 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 2: Samples taken by the QC

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result
CF-383-2018	2018-06-21	2018-07-04	Coarse filter	SANA crusher stockpile	Gradation	Compliant
					Water content	Not noted
CF-387-2018	2018-07-02	2018-07-05	Coarse Filter	SANA Crusher Second Stockpile	Gradation	Compliant
					Water content	1.23%
FF-413-20108	2018-07-02	2018-07-05	Fine Filter	North Cell Internal Structure, Sta. 1+100/-102 m, El. 150 m	Gradation	Compliant
					Water content	3.20%
CF-384-2018	2018-06-21	2018-07-06	Coarse filter	SANA crusher stockpile	Gradation	Compliant
					Water content	0.76%
FF-414-2018	2018-07-02	2018-07-06	Fine Filter	SANA Crusher Second Stockpile	Gradation	Compliant
					Water content	5.38%
FF-417-2018	2018-07-06		Fine Filter	North Cell Internal Structure, Sta. 3+100/-33 m, El. 152 m	Gradation	
					Water content	

Table 3: Samples taken by the QA

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

6.0 PHOTOGRAPHS

Photograph NCIS-081: From Sta2+975/-37 m (approx.), looking SE. Placement of a 0.5 m thick lift of fine filter over the coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 1+300 m to 1+210 m and from Sta. 2+940 m to 3+120 m.

QA DAILY REPORT

DATE July 8th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 7TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 8°C, cloudy.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation. Wear a mask in the lab.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- The fog causes a visibility issue on the roads and on the dikes. Reduce driving speed and keep safety distances between vehicles. Make sure to be visible by the equipment operators.
- The rain is an issue, the muddy and very slippery ground causes a high risk of slips and falls. Extra caution must be applied when walking or driving on wet surfaces.
- It was reminded to wear the proper PPE and to report any incident as soon as possible.
- As the rockfill placement resumed this morning on the NCIS, the Radio channels on the North Cell Internal Structure were reminded: Portage Operations must be used on the traffic lane, whereas MBDykes must be used when working behind the boulders (e.g. excavators working on the slope).
- A blast is planned at 18:30 at Pit E.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- AEM asked for details regarding the location, spacing of the captors and depth of the planned thermistors on the North Cell Internal Structure. The question was forwarded to the Designer.
- Rockfill placement resumed on the North Cell Internal Structure. The rockfill comes from the remains of the intermediate volcanic (IV) rockfill stockpile used for the construction of Central Dike

4.0 DESCRIPTION OF CONSTRUCTION WORK PERFORMED AND QA OBSERVATIONS

The QA activities by Golder are based on periodic inspections performed by the QA Engineer in order to monitor the construction activities and progress of the structure of the North Cell of the TSF. This report must be read in conjunction with the QC Report. The following tables summarize the progress and observations made for each structure.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Crest	■ Placement of a 2 m thick (approx.) lift of IV rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+160 m to 1+170 m (-64 m to -111 m). The material is of good quality and is well graded.
Upstream	■ Placement of a 0.5 m thick lift of fine filter over the coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 3+120 m to 3+160 m.

5.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 2 and Table 3 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 2: Samples taken by the QC

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

Table 3: Samples taken by the QA

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

6.0 PHOTOGRAPHS

Photograph NCIS-082: From Sta 3+060/-33 m (approx.), looking S. Placement of a 0.5 m thick lift of fine filter over the coarse filter in the upstream slope from El. 150 m to 152 m with an excavator from Sta. 3+120 m to 3+160 m.

Photograph NCIS-082: From Sta 1+140/-52 m (approx.), looking SW. Placement of a 2 m thick (approx.) lift of IV rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+160 m to 1+170 m (-64 m to -111 m). The material is of good quality and is well graded.

QA DAILY REPORT

DATE July 9th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 8TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 11°C, cloudy.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation. Wear a mask in the lab.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- A wolverine was spotted near the rockfill advancement front around Sta. 1+160m. It was reiterated to be vigilant for the wildlife when exiting vehicle.
- A blast is planned at 12:00 at km 24 on Amaruq road.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- AEM wished to conduct a meeting with the Designer at the beginning of next week to discuss modifications to the design of the ditches and sumps of the North Cell Internal Structure.

4.0 DESCRIPTION OF CONSTRUCTION WORK PERFORMED AND QA OBSERVATIONS

The QA activities by Golder are based on periodic inspections performed by the QA Engineer in order to monitor the construction activities and progress of the structure of the North Cell of the TSF. This report must be read in conjunction with the QC Report. The following tables summarize the progress and observations made for each structure.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Crest	■ Placement of a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+160 m to 1+130 m (-55 m to -102 m). The material is of good quality and is well graded.

5.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 2 and Table 3 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 2: Samples taken by the QC

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result
FF-416-2018	2018-07-05	2018-07-07	Fine Filter	North Cell Internal Structure, Sta. 2+900/-31 m, El. 152 m	Gradation	Compliant
					Water content	2.30%
FF-417-2018	2018-07-06	2018-07-08	Fine Filter	North Cell Internal Structure, Sta. 3+100/-33 m, El. 152 m	Gradation	Compliant
					Water content	2.00%

Table 3: Samples taken by the QA

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

6.0 PHOTOGRAPHS

Photograph NCIS-084: From Sta 1+080/+47 m (approx.), looking E. Placement of a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+160 m to 1+130 m (-55 m to -102 m).

QA DAILY REPORT

DATE July 10th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 9TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 17°C, sunny.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation. Wear a mask in the lab.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- Yesterday, a pickup passed a haul truck on the west road without calling at the radio. It was reiterated to never pass a haul truck on the west road and, where acceptable, to always call on the radio when passing a vehicle.
- A blast is planned at 12:45 at Vault pit.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- A meeting was conducted between the AEM and the Designer to discuss a strategy regarding the sump and ditch construction around the North Cell Internal Structure. The strategy consists of phasing the construction of the ditch through time and to manage water in the low points with pumping equipment. AEM wishes to construct only ditch 2 this season and to deviate it back into the North Cell rather than building sump 2, as the North Cell Internal Structure construction is limited to Sta. 1+100 m. AEM raises the questions to know why the ditch 2 is planned to be lined. The Designer will give is recommendation regarding modification of the design in the following days.
- The placement of the rockfill lift was completed for El. 152 m.

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4.0 DESCRIPTION OF CONSTRUCTION WORK PERFORMED AND QA OBSERVATIONS

The QA activities by Golder are based on periodic inspections performed by the QA Engineer in order to monitor the construction activities and progress of the structure of the North Cell of the TSF. This report must be read in conjunction with the QC Report. The following tables summarize the progress and observations made for each structure.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Crest	■ Placement of a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+130 m to 1+100 m (-55 m to -78 m). The material is of good quality and is well graded.

5.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 2 and Table 3 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 2: Samples taken by the QC

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

Table 3: Samples taken by the QA

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

6.0 PHOTOGRAPHS

Photograph NCIS-085: From Sta 1+150/-67m (approx.), looking SW. Placement of a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+130 m to 1+100 m (-55 m to -78 m).

QA DAILY REPORT

DATE July 11th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 10TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 25°C, sunny.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation. Wear a mask in the lab.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- A blast is planned at 12:45 at Portage Pit.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- An access for the UM rockfill lift at elevation 154 on the North Cell Internal Structure was constructed with UM rockfill from Sta. 2+780 m to 2+750 m.

4.0 DESCRIPTION OF CONSTRUCTION WORK PERFORMED AND QA OBSERVATIONS

The QA activities by Golder are based on periodic inspections performed by the QA Engineer in order to monitor the construction activities and progress of the structure of the North Cell of the TSF. This report must be read in conjunction with the QC Report. The following tables summarize the progress and observations made for each structure.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Crest	■ Placement of a 2 m thick (approx.) lift of UM rockfill from El. 152 m to El. 154 m (approx.) with a dozer from Sta. 2+750 m to 2+620 m +2 m to -26 m). The material is of good quality and is well graded.

5.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 2 and Table 3 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 2: Samples taken by the QC

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

Table 3: Samples taken by the QA

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

6.0 PHOTOGRAPHS

Photograph NCIS-086: From Sta 2+750/+14 m (approx.), looking E. Placement of a 2 m thick (approx.) lift of UM rockfill from El. 152 m to El. 154 m (approx.) with a dozer from Sta. 2+780 m to 2+760 m (-60 m to -44 m).

QA DAILY REPORT

DATE July 12th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 11TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 25°C, sunny.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation. Wear a mask in the lab.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- It was reminded to drink a lot of water to keep hydrated despite the heat.
- A blast is planned at 12:45 at Vault Pit.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- The QA Manager observed large deformations in the fine filter surface on the North Cell Internal Structure around Sta. 1+940 m following the compaction. According to SANA foreman, the deformations are due to a new operator on the excavator towing the compactor. The surface will be corrected tomorrow.

4.0 DESCRIPTION OF CONSTRUCTION WORK PERFORMED AND QA OBSERVATIONS

The QA activities by Golder are based on periodic inspections performed by the QA Engineer in order to monitor the construction activities and progress of the structure of the North Cell of the TSF. This report must be read in conjunction with the QC Report. The following tables summarize the progress and observations made for each structure.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Crest	■ Placement of a 2 m thick (approx.) lift of UM rockfill from El. 152 m to El. 154 m (approx.) with a dozer from Sta. 2+620 m to 2+605 m (+2 m to -28 m). The material is of good quality and is well graded. ■ Compaction of the 0.5 m lift (approx.) of fine filter between El. 150 and 152 m with a 10-tonne smooth-drum compactor (4 passes) in the upstream slope from Sta. 2+000 m to 1+930 m. Vibration is used except for the first pass down the slope in order to stabilize the material and limit deformation of the lift.

5.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 2 and Table 3 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 2: Samples taken by the QC

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

Table 3: Samples taken by the QA

Sample ID	Date Sampled	Date Tested	Fill Material Type	Location (Station/Offset Elevation)	Test	Testing Result

6.0 PHOTOGRAPHS

Photograph NCIS-087: From Sta 1+950/-34 m (approx.), looking W. Compaction of the 0.5 m lift (approx.) of fine filter between El. 150 and 152 m with a 10-tonne smooth-drum compactor (4 passes) in the upstream slope from Sta. 2+000 m to 1+930 m. Vibration is used except for the first pass down the slope in order to stabilize the material and limit deformation of the lift.

QA DAILY REPORT

DATE July 13th 2018 1897439-1576-TM-Rev0

TO Patrice Gagnon, Pier-Éric McDonald
Agnico Eagle Mines Ltd, Meadowbank Division

CC Frédérick Bolduc, Alexandre Lavallée

FROM Samuel Barbeau **EMAIL sbarbeau@golder.com**

QA DAILY REPORT FOR JULY 12TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 24°C, sunny.

2.0 HEALTH AND SAFETY

- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation. Wear a mask in the lab.
- Coactivity on the dike: be aware of blind spots and safe spots, keep good communication and visual contact with the operators.
- It was reminded to drink a lot of water to keep hydrated despite the heat.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

During the daily construction meeting and during the day the following discussions were held:

- The deformations observed yesterday in the fine filter surface on the North Cell Internal Structure around Sta. 1+940 m were corrected with the compactor.
- SANA Surveyor reports that the lift is 0.3 m to 0.5 m to thick around Sta. 2+610 m (approx.) as it was placed during the night shift. SANA surveyor will install picket at the end of the day shift to guide the bulldozer during the night shift.
- An approx. 30 m shift between the Station measured by SANA Surveyor and the QA Manager was noted. A new alignment for the North Cell Internal Structure centerline at El. 154 m had been emitted about 2 weeks ago. The new GPX file was provided to the QA Manager today.