6.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 4 and Table 5 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 4: Samples taken by the QC

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

Table 5: Samples taken by the QA

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

7.0 PHOTOGRAPH

Photograph SD3-298: From Sta. 20+680/-88 m, looking S. Removal of snow on the upstream slope of SD3 above El. 142 m, from Sta. 20+620 m to 20+780 m.

Photograph SD3-299: From Sta. 20+620/-26 m, looking NW. Scarification of the frozen ultramafic volcanic (UM) rockfill on the crest with a dozer for the anchoring trench excavation between Sta. 20+605 m and 20+780 m.

Photograph SD3-300: From Sta. 20+790/-33 m, looking NW. Excavation of the LLDPE geomembrane crest anchoring trench with an excavator from Sta. 20+675 m to 20+780 m.

Photograph CD-1855: From Sta. 0+230/-22 m, looking S. Clean-up of the existing LLDPE with pressurized air stream in preparation for liner installation between Sta. 0+170 m and 40+780 m

QA DAILY REPORT

DATE May 18th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 17TH, 2018 – TSF SOUTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

- Temperature around -5°C, cloudy

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation. The personnel working on foot has to wear a mask due to the toxicity of the dust (fine tailings dust).
- A blast is planned at 12:45 at Phaser.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- The construction of the North Cell internal structures will begin shortly (day and night shifts) and will be followed up by the QA and QC personnel. A separate report will be issued to document the works. Construction plans were communicated to all parties involved and the SANA surveyors will check the alignment and elevation of the existing capping.
- Due to a lack of manpower, no works are planned on the dikes tomorrow (May 18th).

Golder Associés Ltée
7250, rue du Mile End, 3e étage Montréal (Québec) H2R 3A4 Canada T: +1 514 383 0990 +1 514 383 5332

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 South 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 Saddle Dam 3

Activity or Area	Comments
Upstream	■ Excavation of the LLDPE geomembrane crest anchoring trench with an excavator from Sta. 20+655 m to 20+675 m.

Table 2: QA Observations for Central Dike

Activity or Area	Comments
None	

5.0 FOUNDATION APPROVAL

No foundation approval was done during the reporting period.

Table 3: Details of the Foundation Approvals

Name	Structure	Sta. and Offset	Date of Approval	Comment

6.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 4 and Table 5 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 4: Samples taken by the QC

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

Table 5: Samples taken by the QA

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

7.0 PHOTOGRAPH

Photograph SD3-301: From Sta. 20+660/-22 m, looking SE. Excavation of the LLDPE geomembrane crest anchoring trench with an excavator from Sta. 20+655 m to 20+675 m.

QA DAILY REPORT

DATE May 19th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 18TH, 2018 – TSF SOUTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

- Temperature around -5°C, foggy in the morning then sunny.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- 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.
- PPE and procedures for working in dusty conditions will be prepared for the arrival of the Liner Installers.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- Due to a lack of manpower, there was no construction works on the dikes today.
- AEM indicated that over the next 2 days, preparation for the liner installation will be done: storage of the geosynthetics on the dikes, moving of the sandbags to the work zone.
- Snow and ice are beginning to melt. As a result, some water is ponding on the upstream toe line tie-in on the east extremity of SD3 and will need to be pumped out before installation of the LLDPE liner next week. The QA Manager noticed that a horizontal portion of existing LLDPE liner in the upstream toe liner tie-in has been exposed and damaged during snow removal operations at approx. Sta. 20+595 m.

Golder Associés Ltée
7250, rue du Mile End, 3e étage Montréal (Québec) H2R 3A4 Canada T: +1 514 383 0990 +1 514 383 5332

- After inspection of the upstream slopes of SD3 and Central Dike, the following points have been identified on SD3 and will be addressed before liner installation:
  - The crest between the anchoring trench and the upstream slope should be compacted again with 2 passes of the compactor, as the anchoring trench excavation has brought to the surface large and sharp rocks on this area, which are unsuitable as liner bedding;
  - The last panel of existing liner on the upstream slope at approx. Sta. 20+595 m is covered in finer filter. This fine filter will need to be removed to expose the liner for seaming of the next panel and prevent any contamination of the tie-in compacted sieved till;
  - The portion of damaged liner needs to be exposed on at least 0.5 m on each side of the tear to allow for repairs and to ensure no further damage is encountered;
  - The upstream slope of fine filter will need additional compaction with the roller attachment around the new upstream toe liner tie-ins at the extremities of the dike to ensure a smooth slope.

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 South 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 Saddle Dam 3

Activity or Area	Comments
Water management	■ Water is ponding on the first compacted sieved till layer of the upstream toe liner tie-in at approx. Sta. 20+595 m.

Table 2: QA Observations for Central Dike

Activity or Area	Comments
Upstream	■ Clean-up of the fine filter placed against the slope at the deposition finger at approx. Sta. 0+670 m with pressurized air stream to expose 1 m of LLDPE liner, in preparation for the new liner installation.

5.0 FOUNDATION APPROVAL

One foundation approval was done during the reporting period.

Table 3: Details of the Foundation Approvals

Name	Structure	Sta. and Offset	Date of Approval	Comment
FND-CD-140	Central Dike		2018-05-18	Upstream slope approved for geosynthetics installation

6.0 SAMPLING, LABORATORY AND FIELD TESTING

Table 4 and

Table 5 present the samples collected or tested by the QA and QC as well as PNG field results.

Table 4: Samples taken by the QC

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

Table 5: Samples taken by the QA

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

7.0 PHOTOGRAPH

Photograph SD3-302: From Sta. 20+595/42 m, looking NE. View of water ponding on the first compacted sieved till layer of upstream toe liner tie-in. A portion of exposed damaged LLDPE liner is visible.

Photograph CD-1586: From Sta. 0+670/-24 m, looking N. Clean-up of the fine filter placed against the slope at the deposition finger at approx. Sta. 0+670 m with pressurized air stream to expose 1 m of LLDPE liner, in preparation for the new liner installation.

QA DAILY REPORT

DATE May 20th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 19TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -5°C, snowy with strong winds.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.

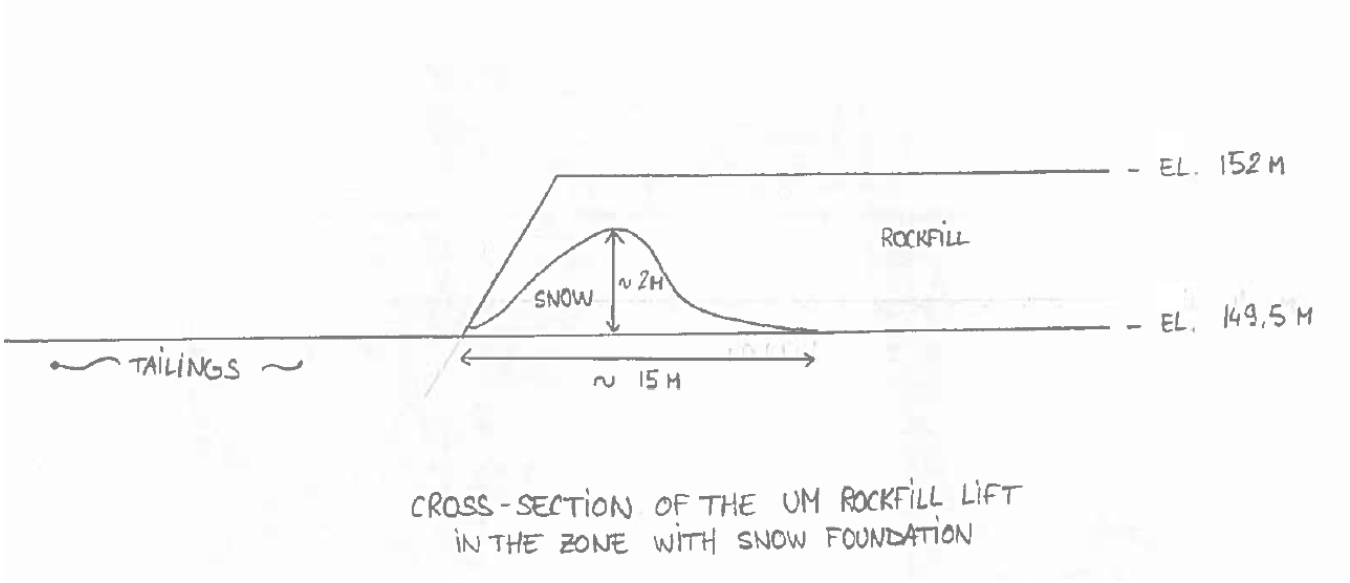
3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- There was no construction meeting today, due to many participants being unable to attend.
- Day and night shifts for the works of the North Cell Internal Structure are expected to begin on Monday (May 21st).
- The rockfill used for the North Cell Internal Structure is well-graded Non-AG material. AEM indicated that both intermediate volcanic (IV) and ultramafic volcanic (UM) rockfill have been used, although the majority of the material is UM rockfill.
- The upstream toe of the rockfill capping has been mapped to perform a field fitting of the design, as the Internal Structure will be offset towards the center of the North Cell compared to the initial plans. This has been agreed with the Designer. A new centerline and will be provided by SANA's surveyor. In the meantime, the locations of works and photographs in this report are indicated on the enclosed plan.

Golder Associés Ltée
7250, rue du Mile End, 3e étage Montréal (Québec) H2R 3A4 Canada T: +1 514 383 0990 +1 514 383 5332

- It was pointed out that an elevation guide was required for the dozer operator for rockfill placement, as the D9 dozer is not equipped with a GPS to control the elevation of the rockfill lift. The current elevation of the lift is variable (approx. 152 m) and will be surveyed by SANA.
- It was noticed that the 2-m thick UM rockfill at El. 152 m (approx.) was placed on an important layer of hard snow (up to 2 m thick) without QA/QC supervision earlier in the season (see photographs and sketch below), over a distance of approx. 100 m along the dike. It is required to remove this rockfill and clear the snow before placing rockfill again, as the presence of an underlying snow layer will cause excessive settlement in the structure. It was reiterated that per the design, the foundation of the structure must be snow-free, compacted rockfill material constituting the capping of the North Cell.



CROSS-SECTION OF THE UM ROCKFILL LIFT IN THE ZONE WITH SNOW FOUNDATION

- Test pits were excavated to identify the extent of the snow layer. Since snow was not observed in the northern part of the UM rockfill lift, which appears to be built directly on the North Cell capping, it was decided to move the operations there and progress towards the north. The excavator removes the snow-rich toe of the UM rockfill lift until snow is no longer observed (a 2-3 m wide zone in average), and a dozer pushes the excavated material (UM rockfill mixed with snow) toward the center of the North Cell to clear the upstream toe.
- The QA Manager noticed several oversize boulders on the UM rockfill lift at El. 152 m and reiterated that the maximum allowable size on the dikes is 1.3 m. AEM forwarded the information to the operators in the pit and on the dikes. If an oversize boulder is delivered on the dikes, it will be pushed aside in the downstream slope by the dozer during placement.

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. For the location and extent of the construction works, refer to the enclosed plan.

Table 1: QA observations for the North Cell Internal Structure

Activity or Area	Comments
Upstream	■ Excavation of 2 test pits in the UM rockfill lift placed at El. 152 m to estimate the extent and thickness of the underlying snow layer. ■ Excavation of the snow-rich upstream toe material on an average width of 2 to 3 m with an excavator. ■ Removal of the excavated material, pushed with a dozer toward the center of the North Cell to clear the upstream toe. ■ Placement of UM rockfill material from safety berms on the crest in the upstream slope with a dozer.

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.

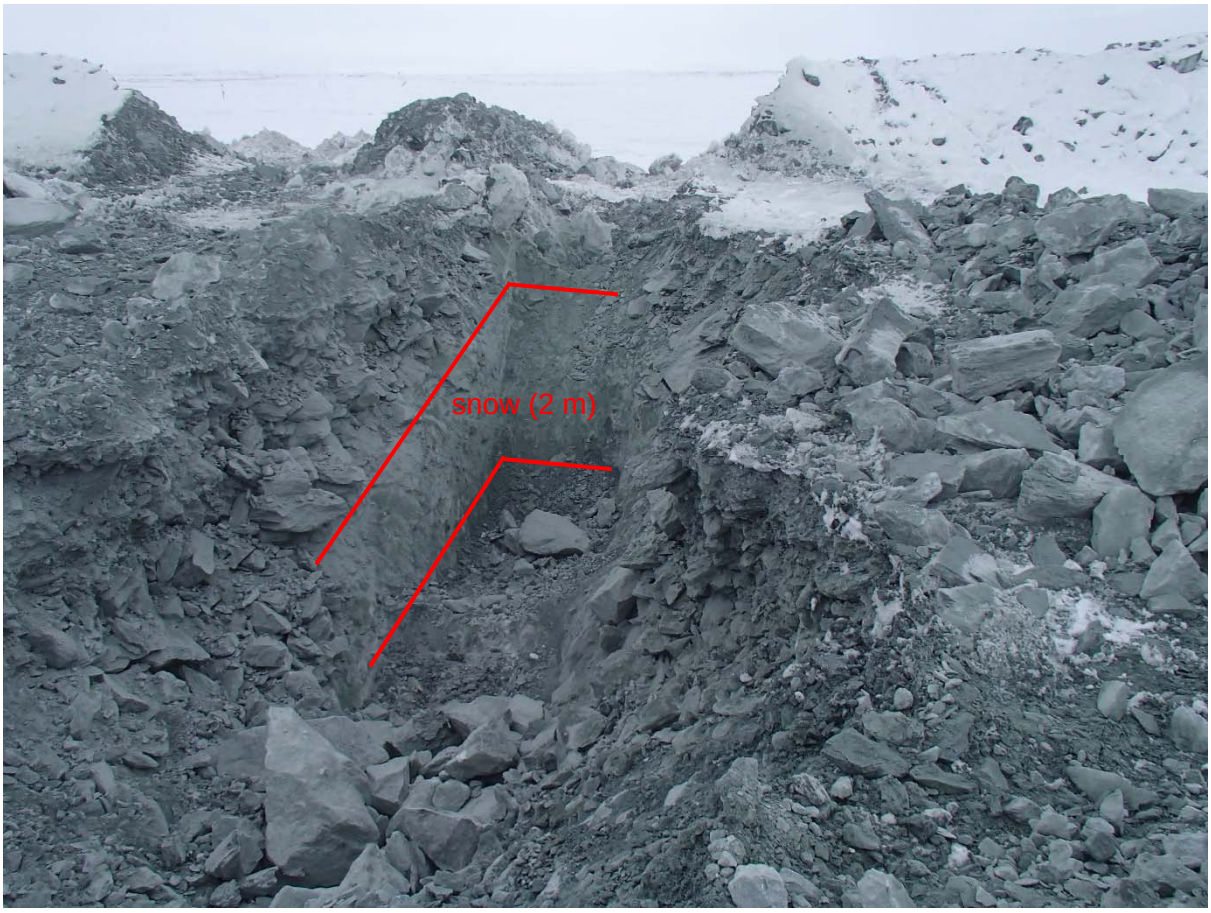
Table 2: Samples taken by the QC

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 PHOTOGRAPH



Photograph NCIS-001: View of a test pit in the UM rockfill lift at El. 152 m: a thick layer (2 m) of snow underlies the rockfill.

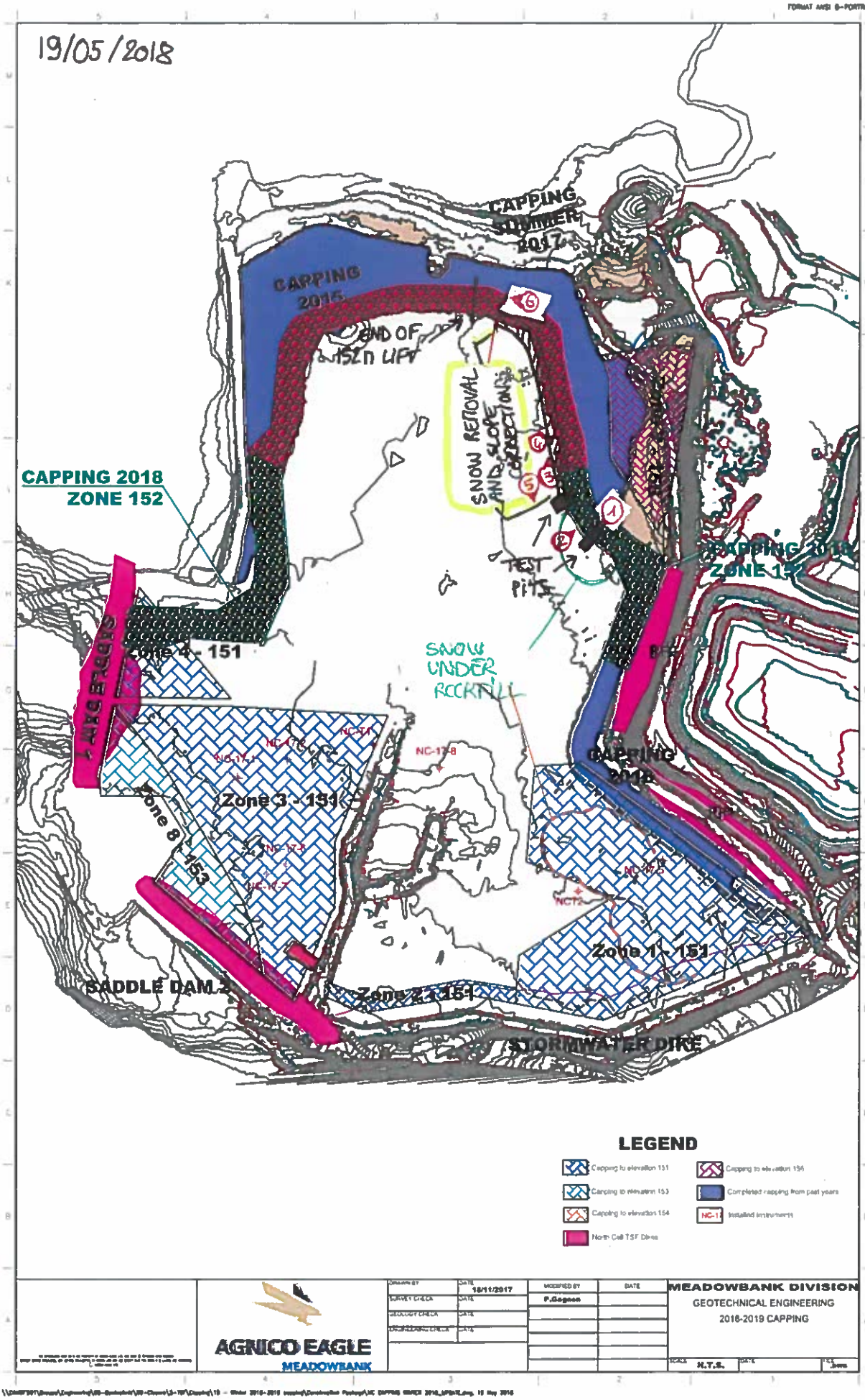
Photograph NCIS-002: View of the scraped upstream side of the UM rockfill lift at El. 152 m: a thick layer of snow (1.5 m) underlies the rockfill.

Photograph NCIS-003: Excavation of the snow-rich upstream toe material on an average width of 2 to 3 m with an excavator.

Photograph NCIS-004: View of the scraped upstream side of the UM rockfill lift at El. 152 m further to the north: the snow layer is only observed at the toe and is approximately 0.5 m thick.

Photograph NCIS-005: Removal of the excavated material, pushed with a dozer towards the center of the North Cell to clear the upstream toe.

Photograph NCIS-006: View of oversize boulders on the UM rockfill lift at El. 152 m.


19/05/2018
CAPPING SUMMER 2017
CAPPING 2015
END OF 152 m LIFT
SNOW REMOVAL AND SLOPE CORRECTIONS
TEST PITS
CAPPING 2018 ZONE 152
CAPPING 2018 ZONE 151
SNOW UNDER ROCKFILL
SADDLE DAM 1
Zone 4 - 151
Zone 3 - 151
Zone 8 - 153
CAPPING 2018
Zone 1 - 151
SADDLE DAM 2
Zone 2 - 151
STORMWATER DIKE
LEGEND
Capping to elevation 151
Capping to elevation 154
Capping to elevation 153
Completed capping from past years
Capping to elevation 154
Installed instruments
North Cell TSF Dikes
AGNICO EAGLE
MEADOWBANK
MEADOWBANK DIVISION
GEOTECHNICAL ENGINEERING
2018-2019 CAPPING
P.Gagnon
18/11/2017
N.T.S.

QA DAILY REPORT

DATE May 21st 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 20TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -8°C, sunny.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- The test pits excavated in the UM rockfill have steep slopes and some rockfill is falling as the walls dry. Do not enter an unsupported excavation that is more than 1.2 m deep.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- The QA Manager reiterated that oversize boulders placed on the upstream slope of the structure must be removed during sloping operations. The boulders will be moved into the tailings of the North Cell.
- In order to guide the dozer operator during UM rockfill placement, a surveyor checks the elevation of the lift throughout the day. The surveyor also provides guidance to the excavators profiling the upstream slope of the UM rockfill lift from El. 150 m to 152 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. For the location and extent of the construction works, refer to the enclosed plan.

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. ■ Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer. 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

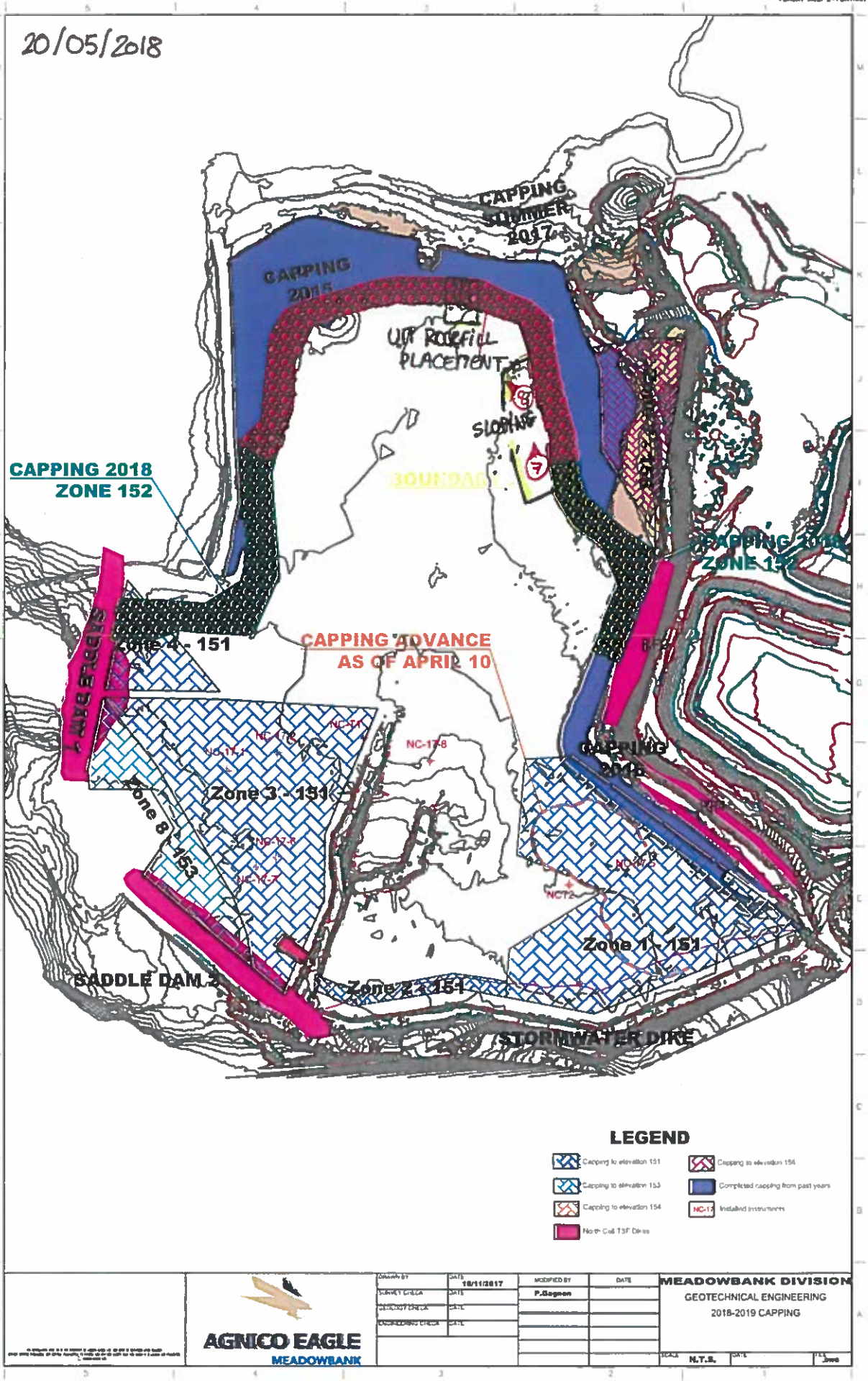
Table 3: Samples taken by the QA

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

6.0 PHOTOGRAPH

Photograph NCIS-007: Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator.

Photograph NCIS-008: Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer. The material is of good quality and is well graded.


20/05/2018
CAPPING SUMMER 2017
CAPPING 2015
UGP ROCKFILL PLACEMENT
SLOPING
CAPPING 2018
ZONE 152
CAPPING 2018
ZONE 152
CAPPING ADVANCE
AS OF APRIL 10
Zone 4 - 151
SADDLE DAM 1
Zone 3 - 151
Zone 8 - 153
NC-17-1
NC-17-2
NC-17-3
NC-17-4
NC-17-5
NC-17-6
NC-17-7
NC-17-8
NC-17-9
NCT2
CAPPING 2018
Zone 1 - 151
SADDLE DAM 2
Zone 2 - 151
STORMWATER DIKE
LEGEND
Capping to elevation 151
Capping to elevation 153
Capping to elevation 154
North Cell TSF Dikes
Capping to elevation 156
Completed capping from past years
Installed instruments
AGNICO EAGLE
MEADOWBANK
DRAWN BY
DATE 18/11/2017
SURVEY CHECK
DESIGN CHECK
ENGINEERING CHECK
MODIFIED BY
P.Segnon
DATE
MEADOWBANK DIVISION
GEOTECHNICAL ENGINEERING
2018-2019 CAPPING
SCALE N.T.S.
DATE
FILE Jwa

QA DAILY REPORT

DATE May 22nd 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 21ST, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -5°C, cloudy.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- A field-fitted design has been proposed by SANA (see plan enclosed).
- The QA Manager reiterated that the rockfill should be placed by the dozer and not unloaded directly in the slope of the lift by the haul trucks. The purpose is to limit segregation of the rockfill particles during placement.
- According to the survey done on the existing UM rockfill lift at El. 152 m (approx.), it appears that the actual lift thickness varies from 0.9 m to 3.5 m. The elevations of the crest range from 151.9 m to 153.9 m. The foundation (North Cell capping) is variable in elevation. Only one section of the UM rockfill lift is thicker than 2.8 m: this section will be corrected with the dozer when the berms are pushed in the slope. It has been agreed with the Designer that the rest of the lift with a thickness equal to or less than 2.8 m could be left as is, with special attention paid to compaction (6 passes of the compactor).
- A closer follow-up in the UM rockfill lift elevation is required to ensure the lift is built uniformly at El. 152 m.

Golder Associés Ltée
7250, rue du Mile End, 3e étage Montréal (Québec) H2R 3A4 Canada T: +1 514 383 0990 +1 514 383 5332

- Many different operators are working on the North Cell Internal Structure depending on the days. Instructions need to be repeated to each new worker when they arrive on the 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
Upstream	■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 2+777 m to 2+400 m (approx.). ■ Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+880 m to 1+825 m (o.s. unavailable). 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 PHOTOGRAPH

Photograph NCIS-009: Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+880 m to 1+825 m (o.s. unavailable).

Photograph NCIS-010: Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 2+777 m to 2+400 m (approx.).

QA DAILY REPORT

DATE May 23rd 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 22ND, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -8°C, cloudy.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- The stations of the new alignment are marked on the UM rockfill lift as it progresses. However, the QA Manager has not received the centerline for the portable GPS yet, as a results offsets measurements for daily progression and photographs locations are not available yet.
- The UM rockfill lift at El. 152 m has reached a location where the 2015 rockfill capping is built on the natural soil (thin layer of organic soil overlying till), between Sta. 1+800 m and 1+900 m approximately. The toe of the UM rockfill lift placed today seems to reach beyond the toe of the capping, meaning the dike is partially founded on unprepared natural soil. The filter zone is also expected to extend on the natural soil. A test pit has been excavated to estimate the thickness of the soil layer, however the frozen conditions prevented the excavator from reaching deeper than about 200 mm (see photograph below). The QA Manager asked that the surveyor estimate the width of the lift that lies beyond the capping. Further discussions will follow regarding actions to take.

Golder Associés Ltée
7250, rue du Mile End, 3e étage Montréal (Québec) H2R 3A4 Canada T: +1 514 383 0990 +1 514 383 5332

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. 2+325 m to 2+275 m (approx.). ■ Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+880 m to 1+767 m (o.s. unavailable). The material is of good quality and is well graded. ■ Removal of the safety berms (UM rockfill), pushed with a dozer into the upstream slope from Sta. 1+800 m to 1+900 m (approx.). ■ Correction of the crest elevation with a dozer and an excavator to achieve a closer elevation to 152 m around Sta. 2+650 m and 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

Table 3: Samples taken by the QA

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

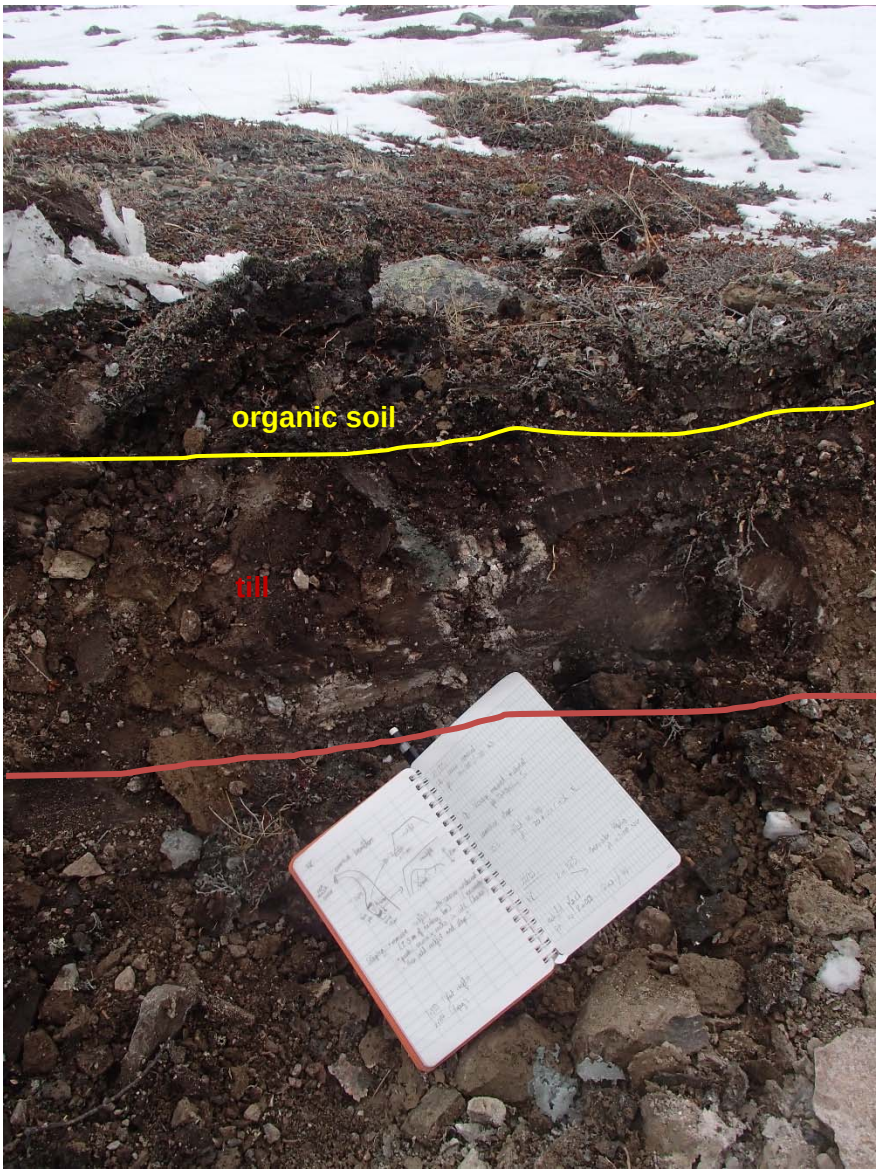
6.0 PHOTOGRAPH

Photograph NCIS-011: From Sta. 2+000 m (approx.), looking SW. Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+880 m to 1+767 m (o.s. unavailable).

Photograph NCIS-012: From Sta. 2+000 m (approx.), looking NW. Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 2+325 m to 2+275 m (approx.).

Photograph NCIS-013: From Sta. 2+600 m (approx.), looking NE. Correction of the crest elevation with an excavator to achieve a closer elevation to 152 m around Sta. 2+650 m.

Photograph NCIS-014: From Sta. 1+900 m (approx.), looking SE. View of the natural soil on which the 2015 capping is built.



Photograph NCIS-015: From Sta. 1+850 m (approx.), looking S. View of the 200 mm deep test pit excavated into the natural soil. A thin layer or organic soil overlies frozen till.

QA DAILY REPORT

DATE May 24th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 23RD, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -5°C, cloudy.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- A small amount of Iron Formation (IF) rockfill was mistakenly placed on the North Cell Internal Structure early this morning (see photograph below). IF rockfill is a PAG material and is not suitable for dike construction, it will thus be removed before further placement of UM rockfill.
- The UM rockfill lift is now lowered to maximum El. 153 m after yesterday's corrections, corresponding to a maximum lift thickness of 2.5 m. Golder has accepted this maximum thickness, as it is not expected to affect the maximum achievable compaction significantly. 6 passes of the compactor are recommended.
- Following discussions with AEM and the Designer, it should be noted that the downstream slopes of the internal structure which were originally designed with a 2.5H:1V on a tailings foundation, expected to thaw in summer, can be built with a 1.5H:1V provided AEM is aware of the probability of shallow failures. The potential failure paths associated with FoS values of 1.2 and 1.5 are limited to the area of the 2.3 m high safety berm and do not penetrate into the vehicle path itself on the crest. The risk of these potential shallow failures is tolerable as long as there is a regime in place to monitor for localized failures and to repair them if they occur.

- The footprint of the North Cell Internal Structure at approx. Sta. 1+700 m, marked on the field with stakes to guide the UM rockfill placement, has been adjusted as it was too wide due to a surveying inaccuracy.

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	■ Removal of PAG material placed on the structure at approx. Sta. 1+770 m with an excavator. ■ Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+767 m to 1+715 m (o.s. unavailable). The material is of good quality and is well graded. ■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 2+375 m to 2+138 m (approx.).

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 PHOTOGRAPH

Photograph NCIS-016: From Sta. 1+750 m (approx.), looking SE. View of the Iron Formation rockfill (PAG material) piles on the North Cell Internal Structure.

d:\qa database 2018\6) qa deliverables\qa daily report\north cell\1897439-1576-tm-rev0 qa daily report north cell 2018-05-23.docx

QA DAILY REPORT

DATE May 25th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 24TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 0°C, cloudy to sunny.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- As the 2015 capping was built at a higher elevation than expected, the UM rockfill lift placed at El. 152 m is less than 2 m thick.
- The QC representative marked some oversize boulders on the upstream slope with paint. The boulders need to be removed during sloping operations.

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 a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+715 m to 1+640 m (o.s. unavailable). The material is of good quality and is well graded. ■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 2+138 m to 1+989 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 PHOTOGRAPH

Photograph NCIS-017: From Sta. 2+290 m (approx.), looking SW. Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 2+138 m to 1+989 m.

d:\qa database 2018\6) qa deliverables\qa daily report\north cell\1897439-1576-tm-rev0 qa daily report north cell 2018-05-24.docx

QA DAILY REPORT

DATE May 26th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 25TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -5°C, sunny.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- The correct radio channel to use on the North Cell Internal Structure is Portage Operation. However, the excavator operator will keep the MBDikes channel to coordinate with the foreman.
- A blast is planned at 12:45 at BB Phaser.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- The QA Manager asked to know the total volume of UM rockfill placed on the North Cell Internal Structure at the end of the construction for as-built reporting.

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 a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+640 m to 1+605 m (o.s. unavailable). The material is of good quality and is well graded. ■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+989 m to 1+860 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 PHOTOGRAPH

Photograph NCIS-018: From Sta. 2+310 m (approx.), looking NW. Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+989 m to 1+860 m.

d:\qa database 2018\6) qa deliverables\qa daily report\north cell\1897439-1576-tm-rev0 qa daily report north cell 2018-05-25.docx

QA DAILY REPORT

DATE May 27th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 26TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -5°C, cloudy with sleet and strong winds.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- The correct radio channel to use on the North Cell Internal Structure is Portage Operation. However, the excavator operator will keep the MBDikes channel to coordinate with the foreman.
- A blast is planned at 12:45 at Vault.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- The downstream ditches excavation will require drilling and blasting, as the ground is frozen.
- Due to a shortage of UM rockfill at the moment, sloping operations will likely be interrupted soon.

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 a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+605 m to 1+564 m (o.s. unavailable). The material is of good quality and is well graded. ■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+860 m to 1+678 m. The portion between Sta. 1+900 m and 1+800 m, where the structure is built on the natural ground, was not profiled.

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 PHOTOGRAPH

Photograph NCIS-019: From Sta. 2+100 m (approx.), looking SW. Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+860 m to 1+678 m. The portion between Sta. 1+900 m and 1+800 m, where the structure is built on the natural ground, was not profiled.

d:\qa database 2018\6) qa deliverables\qa daily report\north cell\1897439-1576-tm-rev0 qa daily report north cell 2018-05-26.docx

QA DAILY REPORT

DATE May 28th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 27TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 0°C, cloudy then sunny and windy.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- The rest of the alignment of the North Cell Internal Structure will be marked on the field and the snow in the footprint removed, so no further access to the tailings surface is required, as it will soon thaw and become soft.
- Profiling of the upstream slope has reached the maximum progress. The profiling operations will be suspended until the UM rockfill lift has progressed.
- If there are operators available, compaction of the UM rockfill lift at El. 152 m could be done over the next few weeks. The zone which will be raised to El. 145 m will be compacted in priority.

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 a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+564 m to 1+535 m (o.s. unavailable). The material is of good quality and is well graded. ■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+678 m to 1+638 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 PHOTOGRAPH

Photograph NCIS-020: From Sta. 1+570 m (approx.), looking S. Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+564 m to 1+535 m (o.s. unavailable).

QA DAILY REPORT

DATE May 29th 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 28TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around 0°C, sunny.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- A blast is planned at 12:45 at BB Phaser.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- A decision has to be made as soon as possible by AEM with the support of the QA Manager regarding the rockfill lift founded on unprepared natural soil (Sta. 1+800 m to 1+900 m, approx.), as the structure may soon be raised to El. 154 m in this section.
- Updated material quantities will be issued with the new alignment of the North Cell Internal Structure.
- SANA's surveyor will mark the limits of the downstream slope of the lift at El. 154 m to evaluate whether they are within the lift at El. 152 m or whether safety berms need to be removed for compaction.
- The top of the upstream slope of the lift at El. 152 m will also be marked on the section where the snow foundation was encountered to evaluate the best corrective measure to take.

Golder Associés Ltée
7250, rue du Mile End, 3e étage Montréal (Québec) H2R 3A4 Canada T: +1 514 383 0990 +1 514 383 5332

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 a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+535 m to 1+500 m (o.s. unavailable). 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 PHOTOGRAPH

Photograph NCIS-021: From Sta. 1+550 m (approx.), looking S. Placement a 2 m thick (approx.) lift of UM rockfill from El. 150 m to El. 152 m (approx.) with a dozer from Sta. 1+535 m to 1+500 m (o.s. unavailable).

d:\qa database 2018\6) qa deliverables\qa daily report\north cell\1897439-1576-tm-rev0 qa daily report north cell 2018-05-28.docx

QA DAILY REPORT

DATE May 30th 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 MAY 29TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -1°C, snowy and cloudy.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- The cyanide burning area lies within the North Cell Internal Structure alignment and may be moved on top of the structure instead, where an extension of the crest would be built for that purpose.
- The haul truck traffic lane is considered to have been compacted sufficiently by the passage of the loaded haul trucks.
- The boulders acting as the upstream berm were relocated at the limit of the traffic lane and the surface was smoothed with an excavator to allow for the compaction of the underlying lift of UM rockfill at El. 152 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
Upstream	■ Profiling of the upstream slope (3H:1V) from El. 150 to 152 m with an excavator from Sta. 1+638 m to 1+580 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

QA DAILY REPORT

DATE May 31st 2018 1897439-1576-TM-Rev0

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

CC Frédérick Bolduc, Alexandre Lavallée

FROM Marion Habersetzer **EMAIL mhabersetzer@golder.com**

QA DAILY REPORT FOR MAY 30TH, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -4°C, windy and cloudy.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- A blast is planned at 12:45 at Pit E5.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- No rockfill was placed today.

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	■ Compaction of the 2 m lift (approx.) of ultramafic (UM) rockfill at El. 152 m with a 10-tonne smooth-drum compactor with vibration (6 passes) between the haul truck traffic lane and the upstream slope from Sta. 2+625 to 1+625 m (o.s. unavailable).

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 PHOTOGRAPH

Photograph NCIS-022: From Sta. 2+245 m (approx.), looking SE. Compaction of the 2 m lift (approx.) of ultramafic (UM) rockfill at El. 152 m with a 10-tonne smooth-drum compactor with vibration (6 passes) between the haul truck traffic lane and the upstream slope from Sta. 2+625 to 1+625 m (o.s. unavailable).

d:\qa database 2018\6) qa deliverables\qa daily report\north cell\1897439-1576-tm-rev0 qa daily report north cell 2018-05-30.docx

QA DAILY REPORT

DATE June 1st 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 MAY 31ST, 2018 – TSF NORTH CELL CONSTRUCTION - MEADOWBANK (1897439)

1.0 WEATHER

Temperature around -5°C, windy and cloudy.

2.0 HEALTH AND SAFETY

- Cold weather and ice: apply caution when driving or walking on icy surfaces, wear appropriate clothing.
- Dust is still an issue on the construction field; be vigilant by staying out of the dust cloud near construction activities and road circulation.
- A blast is planned at 12:45 at Pit E5.

3.0 DISCUSSION AND DAILY CONSTRUCTION MEETING

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

- The cyanide burning area lies within the North Cell Internal Structure alignment and will be moved inside the structure following the placement of the coarse and fine filters, where a rockfill pad would be built for that purpose.
- The top of the upstream slope of the lift at El. 152 m was marked on the section where the snow foundation was encountered. A loader pushed inside the North Cell the material that was on the top of the lift at El. 152 m to prepare the working area for the profiling of the upstream slope by the excavator.

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+500 m to 1+450 m (o.s. unavailable). The material is of good quality and is well graded. ■ Removal of the snow bank in the footprint with an excavator from Sta. 1+160 m to 1+120 m (approx.).

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 PHOTOGRAPH

Photograph NCIS-023: From Sta. 2+570 m (approx.), looking W. 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+500 m to 1+450 m (o.s. unavailable). The material is of good quality and is well graded.

Photograph NCIS-024: From Sta. 2+570 m (approx.), looking SW. Removal of the snow bank in the footprint with an excavator from Sta. 1+160 m to 1+120 m (approx.).