

FOUNDATION AND KEY TRENCH PREPARATION AND ACCEPTATION

CERTIFICATE OF ACCEPTANCE OF FOUNDATION CONDITION - VAULT DIKE

Acceptance No.:

FND-VD- 22

Date:

2013-03-08

This Certificate of Acceptance includes the following items, reviewed and accepted by the undersigned:

- 1) Foundation and Key Trench Preparation and Excavation Checklist (from SNC);
- 2) Sketch of the approximate accepted area, incl. Station and Offset (according to Vault Dike Stations);
- 3) Photo of the accepted area, at the moment of the acceptance;
- 4) Any other relevant documentation complementary to this approval.

The area has been inspected and accepted by authorised personnel representing Quality Control (QC) Program, Quality Assurance (QA) Program and the Owner Representative.

Topography of the approved foundation surface has been surveyed for documentation and as-built purposes, as confirmed by the undersigned surveyor.

The area is accepted as per the foundation conditions at the time of the inspection and the condition of the foundation is required to be maintained prior to and during fill placement.

Owner Representative

Name:

Position:

AEM- Owner Rep.

QC Representative

Name:

Position:

INSPEC-SOL- Melissa Lapointe Desbiens

QA Engineer

Name:

Position:

SNC- St-Laurent J-Francois

Surveyor

Name:

Position:

FGL- R. Cloutier

NOTES: 1. Original signed certificate must be given to the Owner Representative for documentation records. 2. Survey files from the approved area must be saved in appropriate location as required by the Owner Representative. 3. Photos of approved area must be saved in appropriate location as required by the Owner Representative.



Sustainable Mine Development
Global Mining & Metallurgy
360, St-Jacques Street
Montreal (Quebec)
Canada H2Y 1P5

Telephone: (514) 393-1000
Fax: (514) 390-2765
www.snc-lavalin.com

APPROBATION FORM

PROJECT : Construction of Vault Dike
PROJECT #: 611614
DOCUMENT #: 2013-03-08-01
(YYYYMMDD-01)
DATE: 2013-03-08
CLIENT: AEM

APPROBATION FOR :
☐ Foundation Approval (Footprint)
☐ Foundation Approval (Key Trench)
☒ Fill Placement (0-20 mm + Bentonite)
☐ Other

| LOCATION | | PREVIOUS APPROVATIONS |
|---------------|---|-----------------------|
| FROM STATION: | 0+203 | FROM: |
| TO: | 0+252 | TO: |
| ELEVATION: | <input checked="" type="checkbox"/> VARIES _____ m | |

RESPECT TO THE SPECIFICATIONS ACCORDING TO:

1. Quotes and lines respected
2. Free of Ice / Snow / Water
3. Gradation (visual)
4. Placement (in regards to segregations, lift thickness)
5. Compaction
6. Foundation on Bedrock
7. As built survey completed
8. _____
9. _____

| VERIFICATIONS MADE BY: | | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|
| QA | | QC | | N/A | |
| Y | N | Y | N | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | X |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

DETAILS (REFER TO NUMBER ABOVE)

ITEM

APPROVED BY:

| QA | QC |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

APPROVED BY: QA REPRESENTATIVE
QC REPRESENTATIVE
OWNER REPRESENTATIVE

SIGNATURE

DATE

Kumar's 2013-03-08
Marie Lapointe 2013-03-08

Approved Area

Station: 0+208 (offset):

To Station: 0+252 (Offset):

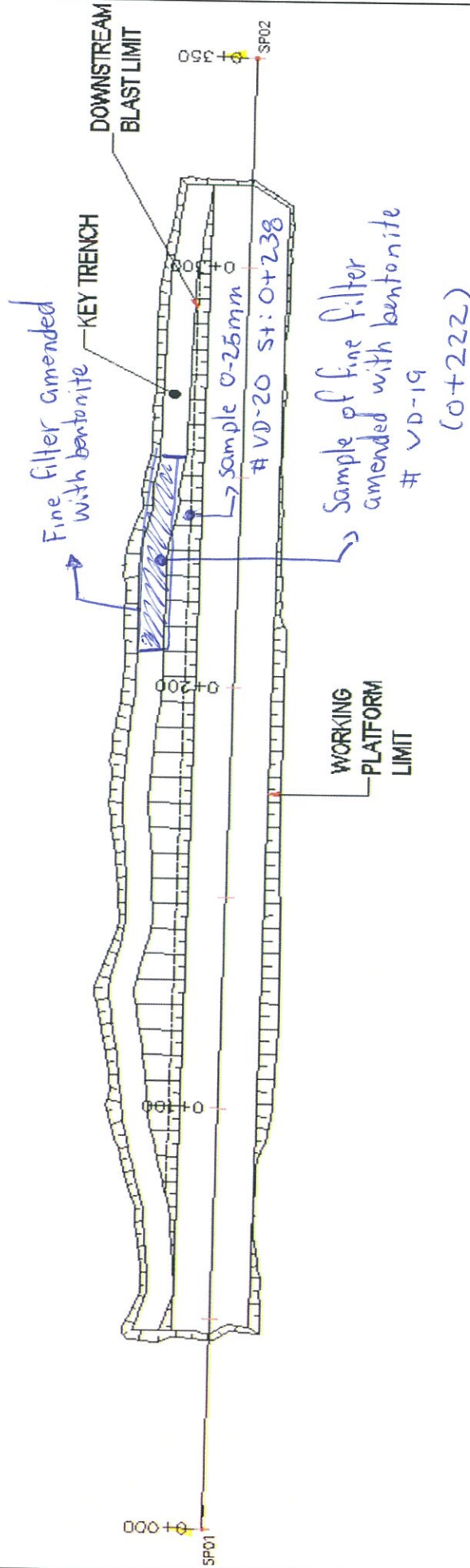


Figure 1 - Approximate approved foundation area

Date: 2013-03-08

Sketch by (Initial):

MAD

FOUNDATION AND KEY TRENCH PREPARATION AND ACCEPTATION

CERTIFICATE OF ACCEPTANCE OF ~~FOUNDATION CONDITION~~ - VAULT DIKE

Acceptance No.:

FND-VD-

23

Date:

2013-03-09

This Certificate of Acceptance includes the following items, reviewed and accepted by the undersigned:

- 1) Foundation and Key Trench Preparation and Excavation Checklist (from SNC);
- 2) Sketch of the approximate accepted area, incl. Station and Offset (according to Vault Dike Stations);
- 3) Photo of the accepted area, at the moment of the acceptance;
- 4) Any other relevant documentation complementary to this approval.

The area has been inspected and accepted by authorised personnel representing Quality Control (QC) Program, Quality Assurance (QA) Program and the Owner Representative.

Topography of the approved foundation surface has been surveyed for documentation and as-built purposes, as confirmed by the undersigned surveyor.

The area is accepted as per the foundation conditions at the time of the inspection and the condition of the foundation is required to be maintained prior to and during fill placement.

Owner Representative

Name:

[Signature]

Position:

AEM- Owner Rep.

QC Representative

Name:

Melissa Lapointe Desbriens

Position:

INSPEC-SOL- Melina Lapointe Desbriens

QA Engineer

Name:

J-François St-Laurent

Position:

SNC-

Surveyor

Name:

Robert Cloutier

Position:

FGL-

NOTES: 1. Original signed certificate must be given to the Owner Representative for documentation records. 2. Survey files from the approved area must be saved in appropriate location as required by the Owner Representative. 3. Photos of approved area must be saved in appropriate location as required by the Owner Representative.



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www.snc-lavalin.com

APPROBATION FORM

PROJECT : Construction of Vault Dike
PROJECT # :
DOCUMENT # :
DATE: 2013-03-09
CLIENT: AEM
(YYYYMMDD-D1)

APPROBATION FOR :
☐ Foundation Approval (Footprint)
☐ Foundation Approval (Key Trench)
☒ Fill Placement (subliner slope) 0-20 mm + Benl
☐ Other

| LOCATION | | PREVIOUS APPROVATIONS | |
|---------------|--|-----------------------|--|
| FROM STATION: | 254 | FROM: | |
| TO: | 303 | TO: | |
| ELEVATION: | <input checked="" type="checkbox"/> VARIES | | |
| | m | | |

RESPECT TO THE SPECIFICATIONS ACCORDING TO:

- 0-20mm + Benl
1. Quotes and lines respected
 2. Free of Ice / Snow / Water
 3. Gradation (visual)
 4. Placement (in regards to segregations, lift thickness)
 5. Compaction
 6. Foundation on Bedrock
 7. As built survey completed
 8. Slope is smooth and flat underneath the line
 - 9.

| VERIFICATIONS MADE BY: | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| QA | | QC | | N/A |
| Y | N | Y | N | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DETAILS (REFER TO NUMBER ABOVE)

ITEM

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| | |

APPROVED BY:

| | |
|--------------------------|--------------------------|
| QA | QC |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

APPROVED BY: QA REPRESENTATIVE
QC REPRESENTATIVE
OWNER REPRESENTATIVE

SIGNATURE

DATE

Kromm's 13-03-09
Melvin Jopanto Deshm 13-03-09

Approved Area

Station: 0+254 (offset): _____ To Station: 0+303 (Offset): _____

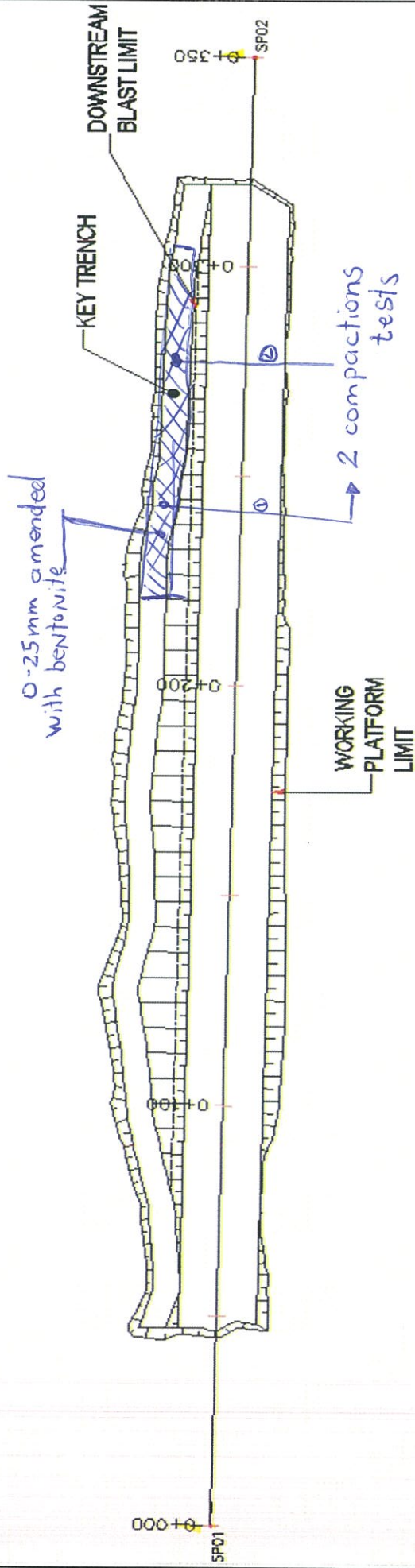


Figure 1 - Approximate approved liner area

Date: 2013-03-09

Sketch by (Initial): mm

FOUNDATION AND KEY TRENCH PREPARATION AND ACCEPTATION

CERTIFICATE OF ACCEPTANCE OF FOUNDATION CONDITION - VAULT DIKE

Acceptance No.:

FND-VD-

24

Date:

2013-03-10

This Certificate of Acceptance includes the following items, reviewed and accepted by the undersigned:

- 1) Foundation and Key Trench Preparation and Excavation Checklist (from SNC);
- 2) Sketch of the approximate accepted area, incl. Station and Offset (according to Vault Dike Stations);
- 3) Photo of the accepted area, at the moment of the acceptance;
- 4) Any other relevant documentation complementary to this approval.

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Topography of the approved foundation surface has been surveyed for documentation and as-built purposes, as confirmed by the undersigned surveyor.

The area is accepted as per the foundation conditions at the time of the inspection and the condition of the foundation is required to be maintained prior to and during fill placement.

Owner Representative

Name:



Position:

AEM-

Owner Rep.

QC Representative

Name:

Melissa Lapointe Desbiens

Position:

INSPEC-SOL-

Melissa Lapointe Desbiens

QA Engineer

Name:

J-François St-Laurent

Position:

SNC-

J-François St-Laurent

Surveyor

Name:

Position:

FGL-

NOTES: 1. Original signed certificate must be given to the Owner Representative for documentation records. 2. Survey files from the approved area must be saved in appropriate location as required by the Owner Representative. 3. Photos of approved area must be saved in appropriate location as required by the Owner Representative.



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www.snc-lavalin.com

APPROBATION FORM

PROJECT : Construction of Vault Dike
PROJECT #: 611614
DOCUMENT #: 20130310-01
(YYYYMMDD-D1)
DATE: 13-03-10
CLIENT: AEM

APPROBATION FOR :
☐ Foundation Approval (Footprint)
☐ Foundation Approval (Key Trench)
☒ Fill Placement (Subliner slope) 0-20mm + Bentonite
☐ Other

| LOCATION | PREVIOUS APPROVATIONS |
|--|-----------------------|
| FROM STATION: 303 | FROM: |
| TO: 322 | TO: |
| ELEVATION: <input checked="" type="checkbox"/> VARIES m | |

RESPECT TO THE SPECIFICATIONS ACCORDING TO:

1. Quotes and lines respected
2. Free of Ice / Snow / Water
3. Gradation (visual)
4. Placement (in regards to segregations, lift thickness)
5. Compaction
6. Foundation on Bedrock
7. As built survey completed
8. Slope is smooth and flat
- 9.

| VERIFICATIONS MADE BY: | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| QA | | QC | | N/A |
| Y | N | Y | N | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DETAILS (REFER TO NUMBER ABOVE)

ITEM

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| | |
| | |

APPROVED BY:

| QA | QC |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

APPROVED BY: QA REPRESENTATIVE
QC REPRESENTATIVE
OWNER REPRESENTATIVE

SIGNATURE
Francis S. H.
Melissa Lapointe
DATE
13-03-10
13-03-10

Approved Area

Station: 0+303 (Offset):
To Station: 0+323 (Offset):

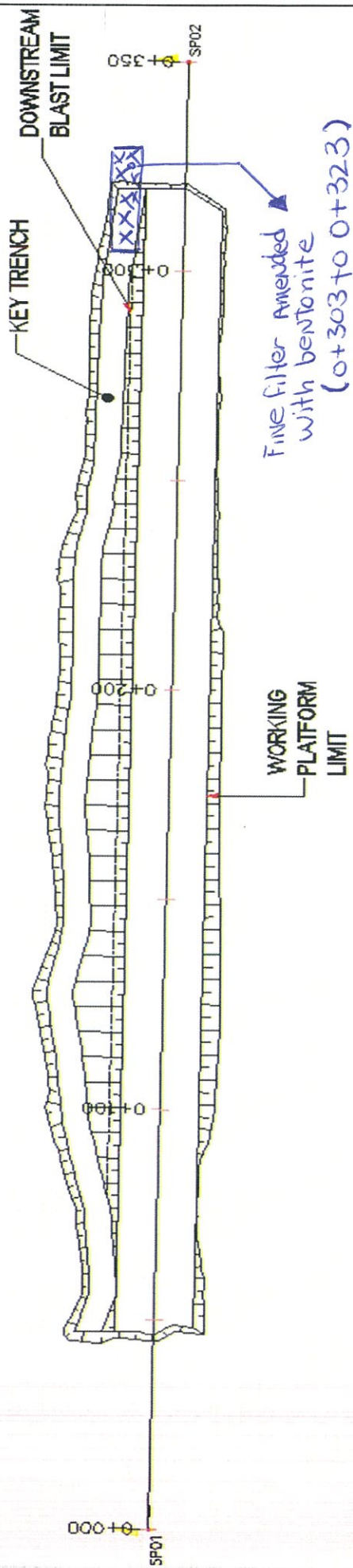


Figure 1 - Approximate approved subliner slope area

Date: 2013-03-10

Sketch by (Initial) :

— 5146

LINER PREPARATION AND ACCEPTANCE

CERTIFICATE OF ACCEPTANCE OF LINER CONDITION - VAULT DIKE

Acceptance No.:

LINER-VD-01

Date:

2013-03-05

This Certificate of Acceptance includes the following items, reviewed and accepted by the undersigned:

- 1) Foundation and Key Trench Preparation and Excavation Checklist (from SNC);
- 2) Sketch of the approximate accepted area, incl. Station and Offset (according to Vault Dike Stations);
- 3) Photo of the accepted area, at the moment of the acceptance;
- 4) Any other relevant documentation complementary to this approval.

The area has been inspected and accepted by authorised personnel representing Quality Control (QC) Program, Quality Assurance (QA) Program, Liner Quality Control (Texel) and the Owner Representative.

Topography of the approved liner surface has been surveyed for documentation and as-built purposes, as confirmed by the undersigned surveyor.

The area is accepted as per the liner conditions at the time of the inspection and the condition of the liner is required to be maintained prior to and during fill placement.

Owner Representative

Name:

Position:

AEM-

Owner Rep.

QC Representative

Name:

INSPEC-SOL-

Melissa Lapointe Desbiens

Liner Quality Control Rep

Name:

TEXEL-

See Approval from Texel

QA Engineer

Name:

SNC-

St-Laurent 1-FRANCOIS

Position:

FGL-

St-Laurent

Surveyor

Name:

R. CLAUATRE

Position:

FGL-

St-Laurent

NOTES: 1. Original signed certificate must be given to the Owner Representative for documentation records. 2. Survey files from the approved area must be saved in appropriate location as required by the Owner Representative. 3. Photos of approved area must be saved in appropriate location as required by the Owner Representative.



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Canada H2Y 1P5

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Fax: (514) 390-2765
www.snc-lavalin.com

APPROBATION FORM

PROJECT : Construction of Vault Dike
PROJECT #: 611614 DATE: 2013-03-05
DOCUMENT #: 20130305 CLIENT: AEM
(YYYYMMDD-01)

APPROBATION FOR : ☐ Foundation Approval (Footprint)
☐ Foundation Approval (Key Trench)
☐ Fill Placement ()
☒ Other Liner

| LOCATION | | PREVIOUS APPROVATIONS | |
|---------------|---|-----------------------|--|
| FROM STATION: | <u>120</u> | FROM: | |
| TO: | <u>160</u> | TO: | |
| ELEVATION: | <input checked="" type="checkbox"/> VARIES _____ m | | |

RESPECT TO THE SPECIFICATIONS ACCORDING TO:

1. Quotes and lines respected
2. Liner has no cracks or rips
3. Liner is smooth and flat (no waves or bumps)
4. Welding done properly
5. As built survey completed
6. Patches done?
7. Liner QC tests done?
8. _____
9. _____

| VERIFICATIONS MADE BY: | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| QA | | QC | | N/A |
| Y | N | Y | N | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DETAILS (REFER TO NUMBER ABOVE)

ITEM

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

APPROVED BY:

| QA | QC |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

APPROVED BY: QA REPRESENTATIVE
QC REPRESENTATIVE
OWNER REPRESENTATIVE
LINER QC REPRESENTATIVE

SIGNATURE

Franois St-John
Melanie Lapointe Dubois

DATE

2013-03-05
2013-03-05

* The bottom slope liner ~~was~~ was placed during the morning under the other crew supervision. So it is not possible for me to approve it.

Approved Area

Station: 0+120 (offset): _____ To Station: 0+160 (Offset): _____

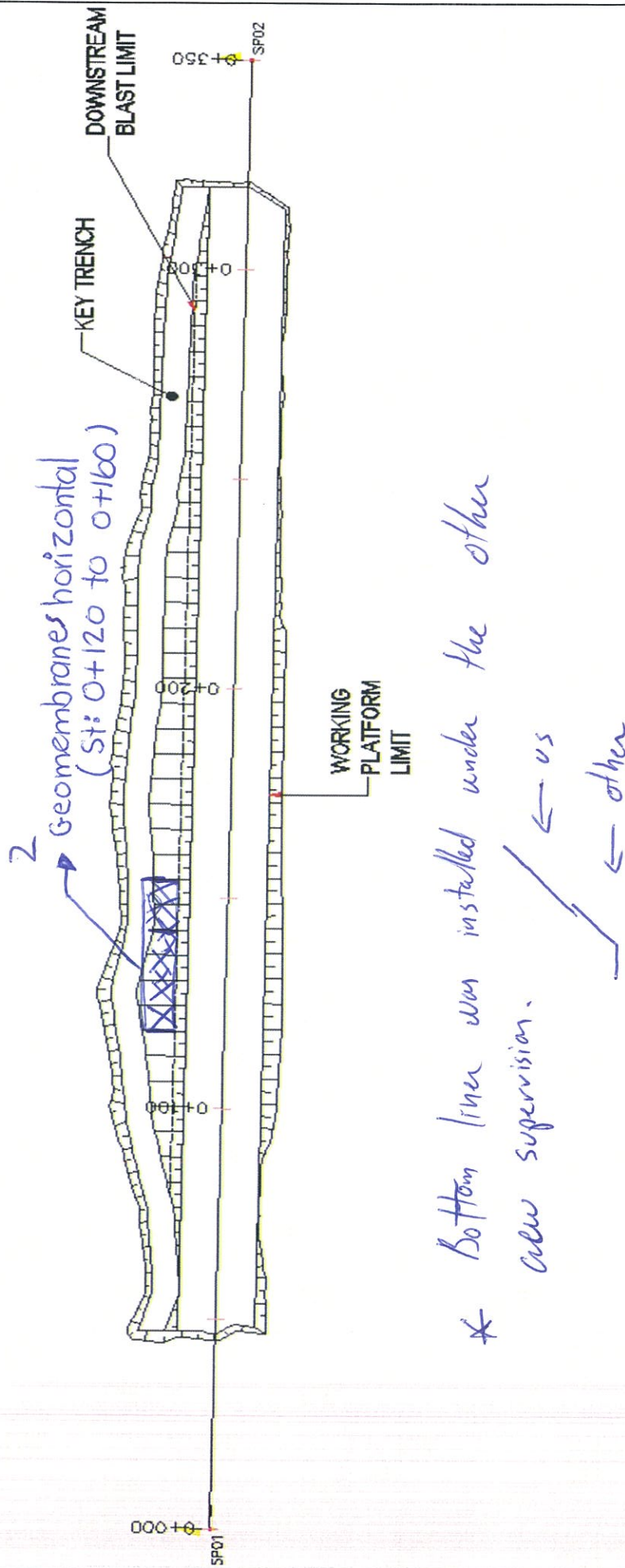


Figure 1 - Approximate approved liner area

Date: 2013-03-05

Sketch by (Initial):

MLD

LINER PREPARATION AND ACCEPTANCE

CERTIFICATE OF ACCEPTANCE OF LINER CONDITION - VAULT DIKE

Acceptance No.:

LINER-VD- 02

Date:

2013-03-06

This Certificate of Acceptance includes the following items, reviewed and accepted by the undersigned:

- 1) Foundation and Key Trench Preparation and Excavation Checklist (from SNC);
- 2) Sketch of the approximate accepted area, incl. Station and Offset (according to Vault Dike Stations);
- 3) Photo of the accepted area, at the moment of the acceptance;
- 4) Any other relevant documentation complementary to this approval.

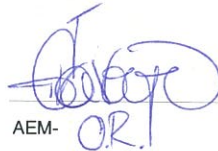
The area has been inspected and accepted by authorised personnel representing Quality Control (QC) Program, Quality Assurance (QA) Program, Liner Quality Control (Texel) and the Owner Representative.

Topography of the approved liner surface has been surveyed for documentation and as-built purposes, as confirmed by the undersigned surveyor.

The area is accepted as per the liner conditions at the time of the inspection and the condition of the liner is required to be maintained prior to and during fill placement.

Owner Representative

Name:



Position:

AEM- OR.

QC Representative

Name:

INSPEC-SOL- Melissa Lapointe Desbiens

Liner Quality Control Rep

Name:

TEXEL- See Approval from texel

QA Engineer

Name:

FRANCOIS ST-LAURENT

Position:

SNC- Francois St-L

Surveyor

Name:

R. Cloutier

Position:

FGL- 

NOTES: 1. Original signed certificate must be given to the Owner Representative for documentation records. 2. Survey files from the approved area must be saved in appropriate location as required by the Owner Representative. 3. Photos of approved area must be saved in appropriate location as required by the Owner Representative.



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APPROBATION FORM

PROJECT : Construction of Vault Dike
PROJECT #: 611614 DATE: 2013-03-06
DOCUMENT #: 2013 03 06-01 CLIENT: AEM
(YYYYMMDD-01)

APPROBATION FOR :
☐ Foundation Approval (Footprint)
☐ Foundation Approval (Key Trench)
☐ Fill Placement ()
☒ Other Liner

| LOCATION | PREVIOUS APPROVATIONS |
|--|-----------------------|
| FROM STATION: 160 | FROM: _____ |
| TO: 214 | TO: _____ |
| ELEVATION: <input checked="" type="checkbox"/> VARIES _____ m | |

RESPECT TO THE SPECIFICATIONS ACCORDING TO:

1. Quotes and lines respected
2. Liner has no cracks or rips
3. Liner is smooth and flat (no waves or bumps)
4. Welding done properly
5. As built survey completed
6. Patches done?
7. Liner QC tests done?
8. _____
9. _____

| VERIFICATIONS MADE BY: | | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|
| QA | | QC | | N/A | |
| Y | N | Y | N | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

DETAILS (REFER TO NUMBER ABOVE)

ITEM 3 Not possible to respect that specification because
liner is naturally bump and liner welding is
not perfect

APPROVED BY:

| QA | QC |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

APPROVED BY:
QA REPRESENTATIVE
QC REPRESENTATIVE
OWNER REPRESENTATIVE
LINER QC REPRESENTATIVE

SIGNATURE

DATE

[Signature]
[Signature]
[Signature]

2013-03-07
2013-03-06
2013-03-07

Approved Area

Station: 0+160 (Offset): 0+214 To Station: 0+214 (Offset): _____

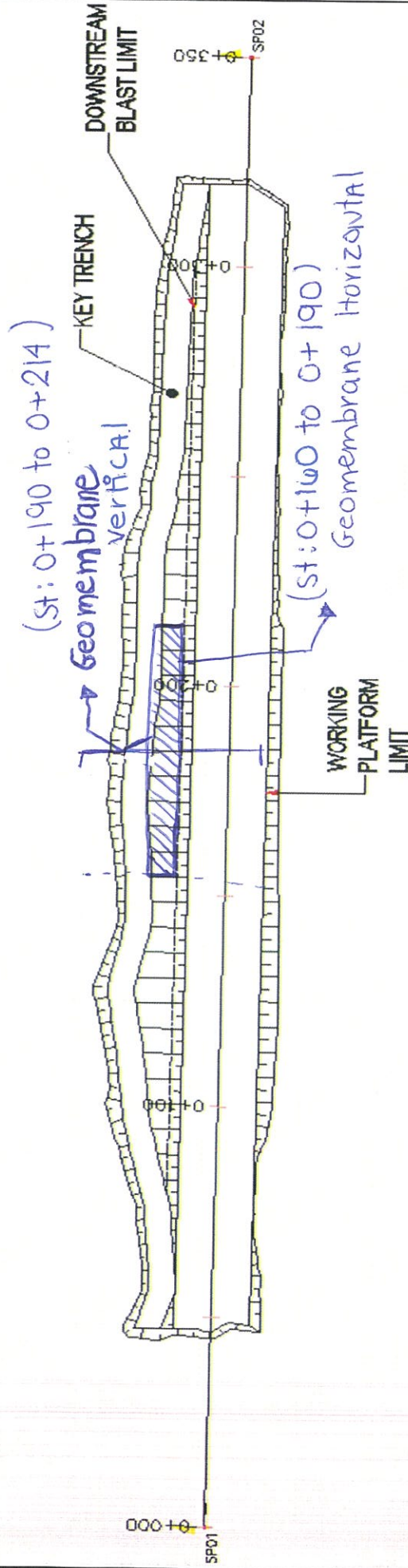


Figure 1 - Approximate approved liner area

Date: 2013-03-07

Sketch by (Initial):

2013